ANNUAL REPORT

2015-16

VIDYASAGAR UNIVERSITY

MIDNAPORE : WEST BENGAL : 721 102

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Iswar Chandra Vidyasagar

Date of Birth : September 26, 1820
Date of Death : July 29, 1891

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ANNUAL REPORT
2015-2016

VIDYASAGAR UNIVERSITY

MIDNAPORE – 721 102
WEST BENGAL

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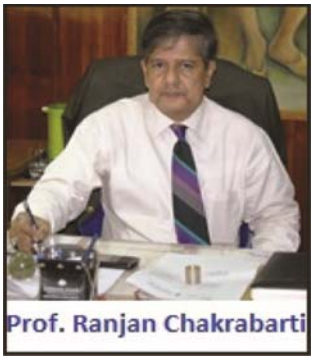
VIDYASAGAR UNIVERSITY

Professor Ranjan Chakrabarti
Vice-Chancellor


Prof. Ranjan Chakrabarti

FOREWORD

Let me take this opportunity to extend everybody a warm welcome to Vidyasagar University. Vidyasagar University, a promising and flourishing University which was created as a state University in 1981 and whose Post-Graduate departments started functioning from the session 1985-'86, originally started with 6 Post-Graduate departments. The University now conducts studies in 27 Post-Graduate departments, many of which are situated in the frontier and interdisciplinary areas of science and social science subjects. The University is proud of its highly qualified and dedicated faculty members, motivated students and research scholars and adequately well equipped to extend necessary support to cope with the forces of modernization and globalization in the field of higher education.

Named after the legendary 19th century pioneering social reformer, social activist, litterateur and dedicated to the cause of the upliftment of women, Pandit Iswar Chandra Vidyasagar, Vidyasagar University, since its inception, has committed itself to its motto of *shiksha, gyan, pragati* by ensuring quality education and providing research and extra-curricular activities in the best possible manner in order to spread the benefit of higher education in a location which is relatively backward but which has a glorious history and had played a pioneering role in the freedom struggle of India. Within the last 28 years of its existence the University has registered its growth both qualitatively and quantitatively. Post-Graduate studies are conducted not only in University departments but in 26 of the affiliated Colleges too. The number of affiliated General Degree Colleges is 54 and the subjects offered in the Under-Graduate Colleges cover both the traditional subjects and modern emerging subjects as well. There are few Professional Colleges, providing Management and Social Work Education, are also within the fold of the University.

Situated in the historic city of Midnapore, the University has a beautiful, sprawling and eco-friendly plastic-free campus which houses administrative departments, the Post-Graduate centre for teaching learning and research, the centre

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for distance education, the expanding hostel building for both male and female students, the residential accommodation for both teaching and administrative staff, the play ground, the student amenity centre, the extension centers. The University now boasts of its newly built 'thousand seater' Auditorium, *Vivekananda Sabhagriha* which is a one of its kind in West Bengal. Vidyasagar University is also the first University in the State to launch *Chatrabandhu* – its Mobile Application which has been carefully crafted for the convenience of the members of the University community. Vidyasagar University now has a Smart Campus with Biometric Attendance System and very few Universities in India have been able to achieve this distinction. Much of these extension and developmental activities have taken place within the last few years in order to meet the increasing demands of higher education in the locality.

In consonance with its vision of being a centre of excellence in the areas of teaching and research & development, Vidyasagar University's academic structures and curriculum aim at enhancing the students' ability to become highly competent professionals and global players of the future. Highly capable and experienced staff-members look after the teaching and learning processes as well as the research work. The equipments, machinery and ICT facilities available at the University adequately support the research and innovation activities that are reflected in various Postgraduate programmes.

It gives me immense pleasure to pronounce that the Annual Report of Vidyasagar University for the year 2015-2016 is now ready to be published. The Vidyasagar University has a mission to contribute to the society at the highest levels of excellence, through the pursuit of education, knowledge and progress. Each of the three elements of our mission should be valued, and we strive to ensure that they are. We pass knowledge to the next generation, and store it for generations to come. We champion enlightened and rational thought, and we articulate the values of humanity. The thrill for all of us working at this University is that every single day is a day in which we contribute to changing lives for the better. Substantial progress has been made on different fronts since we have brought out the last year's Annual Report. This endeavour is to focus on various parameters of our University's performance and to evaluate and highlight our strengths and opportunities. Understanding the whole issue on a broad perspective is critically important for each and every member of the University community. I commend all those who have worked with passion and commitment to bring out the Report.

I wish every success in this endeavour.

(Professor Ranjan Chakrabarti)

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E-mail: ranjan.jadavpur@gmail.com
vc@mail.vidyasagar.ac.in

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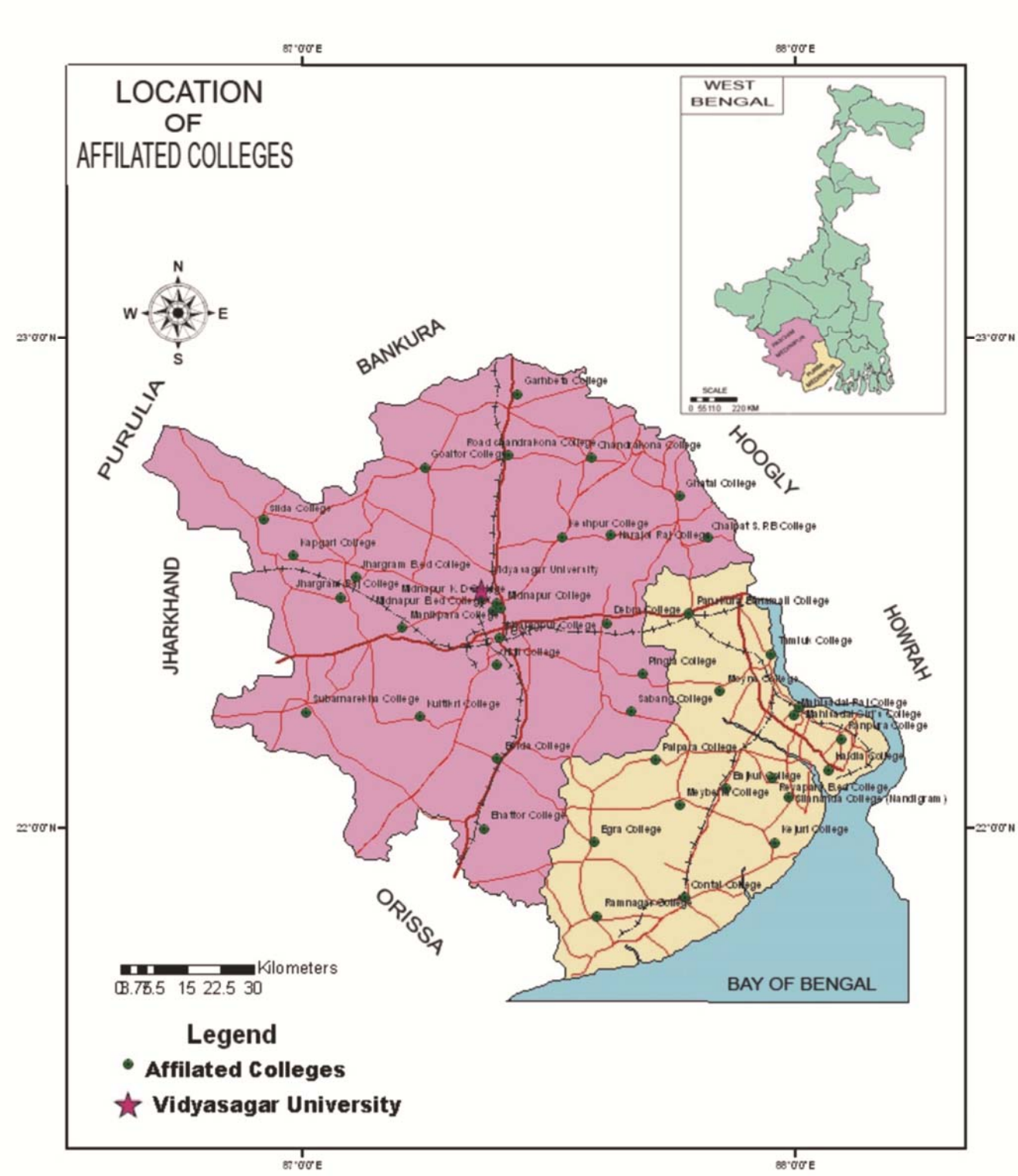
MAP SHOWING JURISDICTION OF VIDYASAGAR UNIVERSITY



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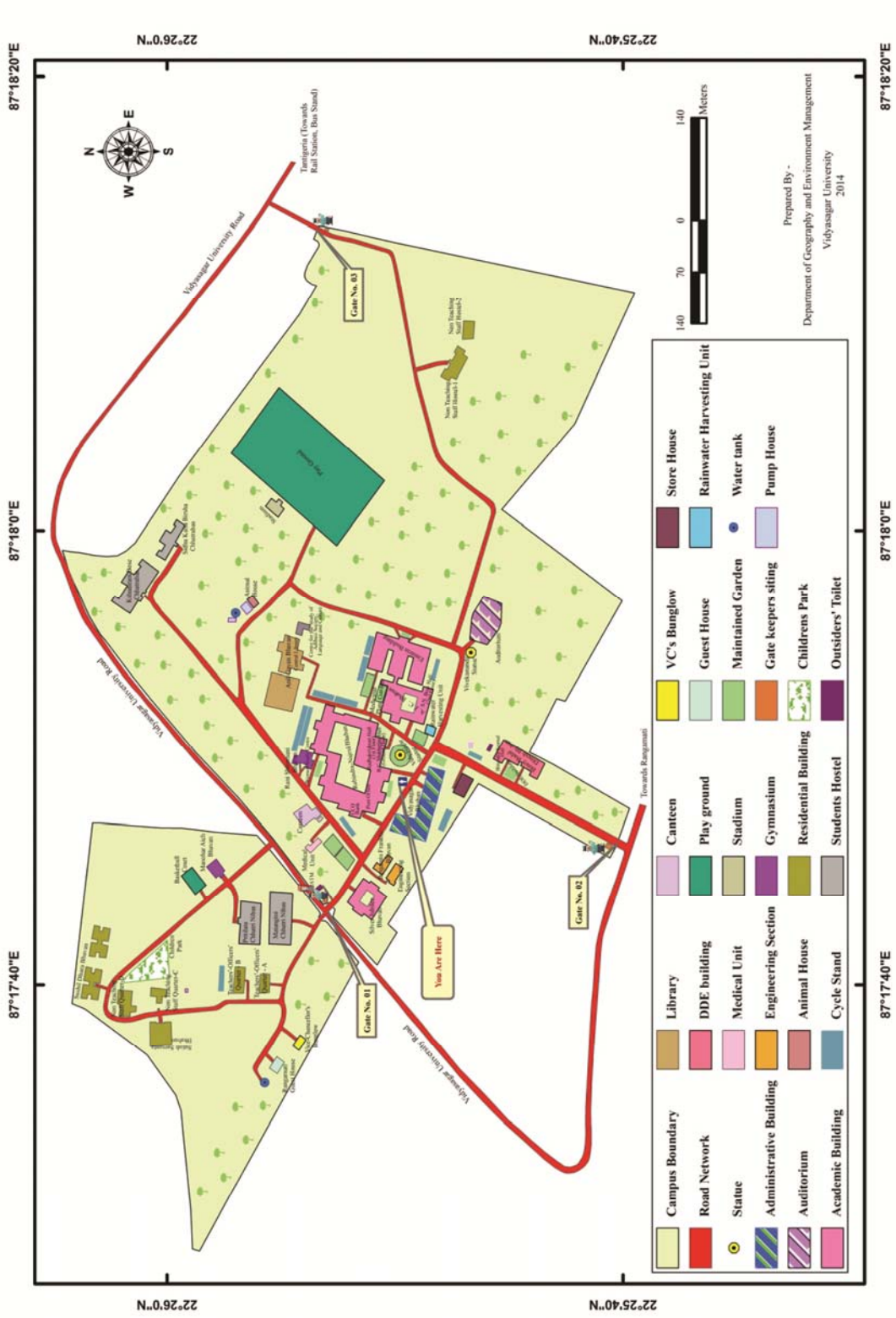
VIDYASAGAR UNIVERSITY CAMPUS



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University Gate

Vidyasagar Bhawan (Administrative Building)

Vidyasagar Bhawan (Annex Administrative Building)

Aerial View of the University

Vivekananda Sabhagriha (Auditorium)

Rangamati Guest House

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Acharya Jagadish Chandra Bhawan (Science Block)

Rabindra Nazrul Bhawan (Humanities Building)

Anil Gayen Bhavan (Central Library)

Dulung Canteen

Benjamin Franklin Bhawan (Electrical Substation)

Directorate of Distance Education

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His excellency Shri Keshari Nath Tripathi is welcome by the Hon'ble Vice-Chancellor

Hon'ble Vice-Chancellor, His excellency Chancellor & Chief Guest During18th Convocation of Vidyasagar University

Address by His excellency Shri Keshari Nath Tripathi during18th Convocation

Lighing the Torch by Hon'ble Vice-Chancellor during 30th Inter College Annual Athelatic Meet - 2015

Address by the Registrar during 30th Inter College Annual Athelatic Meet - 2015

Publication of Souvenir during 30th Inter College Annual Athelatic Meet - 2015

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Inauguration of 17th Inter College Cultural Competition - 2015

Winter School Programme organised by Womnes' Studies Centre

International Day of Yoga Celebration

Thalassemia Detection Camp organised by NSS Cell

Rally on World Aids Day

NSS volunteers at work in a Safai Aviyan

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32. Office of the Medical Officer 143

33. Postgraduate Faculty in Arts & Commerce 144

i. Department of Bengali 144
ii. Department of Business Administration 153
iii. Department of Commerce with Farm Management 164
iv. Department of English 179
v. Department of Economics with Rural Development 187
vi. Department of Hindi 201
vii. Department of History 206
viii. Department of Library & Information Science 213
ix. Department of Philosophy and Life World 223
x. Department of Political Science with Rural Administration 231
xi. Department of Santali 241
xii. Department of Sanskrit 245
xiii. Department of Sociology 250

34. Postgraduate Faculty in Science 257

i. Department of Anthropology 257
ii. Department of Applied Mathematics with Oceanology and Computer Programming 270
iii. Department of Aquaculture Management and Technology 287
iv. Department of Bio-medical Laboratory Science and Management 295
v. Department of Botany and Forestry 303
vi. Department of Chemistry and Chemical Technology 327
vii. Department of Computer Science 343
viii. Department of Electronics 350
ix. Department of Geography and Environment Management 356
x. Department of Human Physiology with Community Health 367
xi. Department of Microbiology 395
xii. Department of Physics and Technophysics 407
xiii. Department of Remote Sensing and Geographical Information System 415
xiv. Department of Zoology 427

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ANNUAL REPORT

2015 – 2016

(For the period from 1st April, 2015 to 31st March, 2016)

Prepared following clause (XXXI) of Section 21 of Vidyasagar University Act. 1981 (amended upto 1997)

VIDYASAGAR UNIVERSITY

COMMUNICATIONS

Postal Address		:	Vidyasagar University Midnapore : 721 102 Dt. Paschim Medinipur, West Bengal
Cables & Telegram		:	University. Midnapore
STD Code		:	03222
University (EPABX)		:	276554 / 276555 / 276557 / 276558
Vice-Chancellor :	Office	:	275329, Fax - (03222) 275329, Ext. - 402
	Bungalow	:	263202, e-mail - vc@mail.vidyasagar.ac.in
Dean, Faculty of Arts and Commerce		:	Ext: 476
Dean, Faculty of Science		:	Ext: 474
Registrar		:	(03222) 275297, Fax - (03222) 275297, Extn. 404 e-mail - registrar@vidyasagar.ac.in
Controller of Examinations		:	(03222) 275441, Ext. - 419
Finance Officer		:	(03222) 297937, Ext.-409
Inspector of Colleges		:	(03222)269381, Ext.- 412
Dean, Students Welfare		:	(03222) 263206, Ext. – 445
Deputy Registrar		:	(03222) 261215, Ext-406
Development Officer		:	(03222) 261187, Ext. 407
Secretary, Post Graduate Faculty Council		:	(03222) 276554, Ext 415
Deputy Controller of Examinations		:	(03222) 261144, Ext. 418
Deputy Inspector of Colleges		:	(03222) 261159, Ext. 411
Secretary, Under Graduate Faculty Council		:	(03222) 276554, Ext 460
University Library		:	(03222) 276556, Ext. - 444
Computer Science		:	(03222) 273174, Ext. - 446
Co-ordinator, NSS		:	(03222) 263201, Ext. - 475
Director, DDE		:	(03222) 264338, Ext. - 457
Fax		:	(91) 03222-275329 / 275297
e-mail		:	vidya295@mail.vidyasagar.ac.in
Website		:	http: // www.vidyasagar.ac.in

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VICE-CHANCELLORS SINCE INCEPTION

Professor Bhupesh Chandra Mukherjee	**:**	29.09.1981 to 31.12.1986
Professor Birendra Nath Goswami	**:**	01.01.1987 to 07.04.1987
Dr. Jyotirmoy Pal Chaudhuri	**:**	08.04.1987 to 30.04.1987
Professor Manas Kumar Chattopadhyay	**:**	01.05.1987 to 09.06.1987 (pro. tempore)
Professor Manas Kumar Chattopadhyay	**:**	10.06.1987 to 13.06.1991
Professor Manoranjan Maiti	**:**	14.06.1991 to 21.07.1991 (pro. tempore)
Professor Satya Narayan Ghosh	**:**	22.07.1991 to 21.07.1995 (forenoon)
Professor Amiya Kumar Dev	**:**	21.07.1995 to 21.10.1999 (forenoon)
Professor Ananda Deb Mukhopadhyay	**:**	21.10.1999 to 30.11.2003
Professor Swapan Kumar Pramanick	**:**	01.12.2003 to 20.01. 2011
Professor Nanda Dulal Paria	**:**	21.01.2011 to 31.10.2011
Professor Ranjan Chakrabarti	**:**	Since 01.11. 2011

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UNIVERSITY AT A GLANCE

1.	Name of the University	: VIDYASAGAR UNIVERSITY
2.	Date of Establishment	: 29th September, 1981, the University was established as per Vidyasagar University act, 1981 (West Bengal Act XVIII of 1981)
3.	Type of the University	: State aided dual mode University
4.	Date of UGC recognition	: (12B) March 1, 1990
5.	Address	: P.O. – Vidyasagar University Dist – Paschim Medinipur West Bengal, PIN – 721102
6.	Chancellor	: Mr. Keshari Nath Tripathy
7.	First Vice-Chancellor	: Professor Bhupesh Chandra Mukherjee
8.	Present Vice-Chancellor	: Professor Ranjan Chakrabarti
9.	Dean, Faculty of Arts and Commerce	: Prof. Tirthankar Das Purakayastha (upto 02.07.2015) Prof. Debasish Bandyopadhyay (from 03.07.2015 to 10.12.2015) Prof. Damodar Mishra (from 23.12.2015)
10.	Dean, Faculty of Science	: Prof. Bidhan Chandra Patra
11.	Jurisdiction of the University	: Undivided Midnapore district (now Paschim Medinipur and Purba Medinipur districts) or Any district which may be created in future out of any part thereof.
12.	Affiliated Colleges / Institutions	:
	(a) Total no. of affiliated Colleges / Institutes / Centre	: 96 (including affiliated courses)
	(b) Number of General degree Colleges	: 42
	(c) Number of Government Colleges	: 12
	(d) Number of Girls Colleges	: 04
	(e) Number of Professional (B.Ed) Colleges	: 32 (Spl: 1; Govt. Sponsored: 6; Self Fin: 25)
	(f) Number of Law Colleges	: 04
	(g) Number of Paramedical Colleges	: 04
	(h) Number of Colleges / Institute With affiliated courses	: 09
	(i) No. of Social Science College	: 02
13.	Area of the Campus(Acres)	: 138.78
	(a) Main Campus	: 103.74
	(b) Residential Campus	: 35.04

14. Staff Strength	Sanctioned	In Position
(a) University		
Teacher	161	141
Officer	25	19
Non-teaching employees	139	123
Teachers (Contractual)	-	16
Non-teaching employees (Contractual)	-	37

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	(b) Directorate of Distance Education			
	Officer	04		04
	Teacher (Core Teacher)	-		04
	Non-Teaching	-		28
	(c) Affiliated Colleges			
	Teachers	1372		973
	Non-Teaching employees	1058		683
	Librarian			24
15.	Students Enrolment			
	Total			
	(a) Undergraduate	:		106843
	(b) Postgraduate (1st Year + 2nd Year)	: M – 1843	F – 1587	3440
	(c) Postgraduate (in affiliated Colleges)	: M – 1287	F – 998	2285
	(d) Directorate of Distance Education (Part I)	: M – 2577	F – 5204	7781
	(e) M.Phil	: M-43	F-22	65
	(f)Ph. D (Registered)	: M- 110	F-48	158
	(g) Ph. D (Awarded)	: M-61	F-19	80
16.	Number of Faculties (P.G.)	: 02		
17.	Faculty Council for Postgraduate Studies	: (i) Science, (ii) Arts & Commerce		
18.	Number of Council for Undergraduate Studies	: 02		
19.	Council for Undergraduate Studies	: (i) Arts, Science and Commerce, (ii) Law		
20.	Board of Studies			
	(a) Postgraduate	: 29		
	(b) Undergraduate	: 39 + 9 (Vocational)		
21.	Numbers of book and Journals in University Library			
	(a) Books	: 110688		
	(b) Journals	: 100		
	(c) Periodicals	: 23 (Magazines)		
	(d) Theses	: 555		
	(e) e-Journal	: 8000 (approx) [member of UGC-INFONET e-journal consortia]		
22.	Number of NSS Units	: (a) University – 11, (b) Colleges – 128 (c) Self financing- 3 Volunteers: Male – 8616, Female – 5634		
23.	Staff Quarters			
	(a) Teachers & Officers	: 06		
	(b) Non-teaching Employees	:12		
24.	Staff Hostel			
	(a) Teachers & Officers	: 03 (Capacity 76 Units)		
	(b) Non-teaching employees	: 02 (Capacity 32 Units)		
	(c) Research Scholars	: 04		
25.	Students Hostels			
	(a) Boys	: 02 (Capacity 300 seats)		
	(b) Girls	: 02 (Capacity 302 seats)		

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26.	Guest House	: 02 Capacity : Single Bed Room: 10 Double Bed Room: 06 AC Room: 04 +06
27.	Amenity Centres (including Multigym facility)	: General : 01 Women : 01
28.	Computer Centre	: 01
29.	Total number of Computers in the University	: Desktop : 1250 (approx) Laptop : 125 (approx)
30.	Number of VLAN	: 56
31.	Number of Computer under LAN	: 1200 (approx)
32.	Number of Computer Access to Internet	: 1150 (approx)
33.	Number of LAN / Internet users	: 3500 (Faculty +Research Scholars + Students + Staff)
34.	Wi Fi access point	: 64 (Wi Fi controller – 02)
35.	Number of Devices under Wi Fi system	: 900 (approx)
36.	Internet Band Width	: Capacity – 1 GBPS Leased line (Under NME-ICT Program) 1 GBPS BROADBAND (BSNL)

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GENERAL INFORMATION

The University was established on 29 September 1981, by an act called the **VIDYASAGAR UNIVERSITY** Act, 1981 (West Bengal Act XVIII of 1981) after the name of Pandit Iswar Chandra Vidyasagar, the great educationist and social worker of Bengal. The University Grants Commission accorded recognition to the University under 12 B on March 01,1990.

Mission : The University is established with a mission to meet the divergent needs of the region – ethnic, socio-cultural and geographical along with providing the mainstream education. The University logo with the motto "SIKSHA GYAN PRAGATI" (EDUCATION-KNOWLEDGE-PROGRESS) embodies the mission as stated.

Jurisdiction : The University has its well-marked jurisdiction which shall not be extended beyond the limit of Midnapore district (after division now Paschim Medinipur and Purba Medinipur districts) or any district which may be created in future out of any part thereof. Thirty Colleges under Calcutta University within the district of the then undivided Midnapore district were deemed to have been affiliated to Vidyasagar University.

Area : The total area of the University campuses (semi rural location) is 138.78 acres.
Main Campus : 103.74 acres, Residential Campus – 35.04 acres.

1. Information about affiliated college and Institutions with affiliated courses:

i) Total no of affiliated General colleges	: 54
a) State aided	: 41
b) Government college	: 12
c) Autonomous college	: 1
ii) No of affiliated B.Ed. colleges	: 32
a) Govt. aided	: 06
b) Self-financing	: 25
c) Special B Ed for visually impaired	: 01 (self financed)
iii) No. of Law colleges	: 04 (Self-financing)

Name of the Law College	**Course Offered**
Midnapur Law college	3-yrs & 5-yrs LL.B.
Haldia Law college	3-yrs & 5-yrs LL.B., LL.M.
Sarsuna Law college, Kolkata	3-yrs LL.B.
MIES R.M. Law College, Sonarpur	3-yrs LL.B.

iv) No of Paramedical College : 04

2. Institution with affiliated courses :

Name of the Institution	**Address**	**Courses offered**
i) Institute of Engineering and Management	Salt Lake, Kolkata	MBA

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ii) International Institute of Management Studies Uluberia,	Howrah	MBA
iii) Vidyasagar School of Social Work	Salt Lake, Kolkata	BSW, MSW, MBA
iv) AMIK Institute of Management Science & Technology	Durgapur	BSW, MSW, M.B.A
v) Vidyasagar Institute of Health	Rangamati, Midnapore	M.Sc. Dietetics & Community Nutrition Management Dip. in X-ray technician Dip. in Ophthalmic Assistance Dip. in Dental Mechanics.
vi) Oriental Institute of Science and Technology	a) VIH Campus, Midnapore Rangamati, Midnapur	M.Sc. in Biotechnology M.Sc. in Bio-chemistry
	b) Hatudewan, Campus Burdwan, Hatudewan Burdwan	-Do-
vii) Southern Health Improvement Society (SHIS)	Bhangarh, South 24 Parganas	Dip. in Ophthalmic Clinical Assistance (2 yrs)
viii) Institute of Health Sciences,	Haldia Purba Medinipur	B.M.L.T. B.P.T. (Last batch)
ix) Vivekananda Mission Ashram	Chaitanyapur, Haldia Purba Medinipur	Dip. in Ophthalmic Clinical Assistance.
x) Paramedical College, Durgapur	Durgapur	B.M.L.T.
xi) Eastern Institute of Integrated Learning in Management	Kolkata	MBA (Regular)
xii) Bengal Institute of Business Studies	Kolkata	MBA

3. Post Graduate Faculties and Departments

i) Faculty of Science

ii) Faculty of Arts and Commerce

FACULTY OF SCIENCE

Name of the Department	**Course**
1. Applied Mathematics with Oceanology and computer Programming	M.Sc. (2yrs)
2. Anthropology	-Do-
3. Aquaculture Management & Technology	-Do-Fisheries Science
4. Botany & Forestry	M.Sc (2 Yrs)
5. Biomedical Laboratory Science & Management	i) M.Sc. in BMLSM ii) M.Sc. in Clinical Nutrition
6. Chemistry & Chemical Technology	-Do-
7. Computer Science	i) M. Sc. – 2 yrs

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	ii) MCA – 3 yrs
8. Electronics	M.Sc (2 Yrs)
9. Geography & Environment Management	-Do-
10. Human Physiology with Community Health	-Do-
11. Microbiology	i) M. Sc. – 2 yrs. ii) P.G. Dipl. in Quality Assurance in Microbial Technology
12. Physics & Technophysics	2 yrs
13. Zoology	2 yrs
14. Remote Sensing & GIS	2 yrs

FACULTY OF ARTS AND COMMERCE

1. Bengali	M.A. (2yrs)
2. Business Administration	MBA (2yrs)
3. Commerce with Farm Management	M.Com. (2yrs)
4. Economics with Rural Development	M.A. (2yrs)
5. English	-Do-
6. History	-Do-
7. Library & Information Science	BLISc (1 yr) MLISc (1 yr)
8. Philosophy & Life world	M.A. (2 yrs)
9. Political Science with Rural Administration	M.A. (2 yrs)
10. Sanskrit	M.A. (2yrs)
11. Sociology	M.A. (2yrs)
12. Santali	M.A. (2yrs)
13. Hindi	M.A. (2yrs)

4. Post Graduate Courses offered in Affiliated Colleges:

Name of the College	**Subject**
1. Midnapur College	Bengali-54, English-42, History-52, Sanskrit-44, Political Science -52, Applied Mathematics- 24, Botany – 22, Chemistry-29, Physics-24, Physiology – 22, Zoology-24
2. Jhargram Raj College	Bengali-34, Chemistry-24, Zoology-24
3. Kharagpur College	Bengali-58
4. Tamralipta Mahavidyalaya	Bengali,-54, History-44, Sanskrit-44, Zoology-24
5. R.N.L. Khan Women's College	Zoology-26
6. Ghatal Ranbindra Satabarshiki Mahavidyalaya	Bengali-49 Sanskrit-59, English -42, Applied Mathematics- 22
7. Panskura Banamali College	Bengali-55, History-44, Applied Mathematics- 29 Chemistry-29, Computer Science-24, Geography-24, Physics-24
8. Prabhat Kumar College, Contai	Bengali-44, English-44, Sanskrit-44, Commerce – 44, Physics-24
9. Belda College	Bengali-54, English-54
10. Egra S.S.B. Mahavidyalaya	Bengali-44
11. Mahishadal Raj College	Bengali-44, English – 42, Chemistry – 24, Applied Mathematics- 22
12. Vivekananda Mission Mahavidyalaya	Bengali -39, History-34, Philosophy – 34, Commerce-34

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13. Bajkul Milani Mahavidyalaya	Sanskrit-44
14. Bhattar College, Dantan	Rural Management-34
15. Sevayatan Sikshan Mahavidyalaya	Education-50
16. Mugberia Gangadhar Mahavidyalay	M.P.Ed – 40
17. Yogada Satsanga Palpara Mahavidyalaya	M.Ed. – 35
18. Pingla Thana Mahavidyalaya	Bengali -44, Commerce – 24
19. Mahishadal Girls' College	MSW -42
20. Haldia Govt. College	Chemistry and Chemical Technology -24, Geography and Environment Management -24
21. Oriental Institute of Science & Technology	Biochemistry-64, Biotechnology-64
22. Vidyasagar Institute of Health	Nutrition & Dietetics -44
23. Vidyasagar School of Social Work	Master of Social Work – 54, Psychological Counselling-29
24. AMIK, Institute of Management Science & Technology Durgapur	Master of Social Work -54
25. Haldia Law College	LLM- 27
26. Eastern Institute for Integrated Learning in Management	MBA- 360

5. Courses offered through Distance Education:

Course	**Subject**
M. A.	Bengali, English, History Political Science, Sanskrit.
M. Sc.	Physics, Chemistry, Mathematics, Geography, Zoology, Botany, Environmental Science, Dietetics and Community Nutrition Management
M. Com.	

6. Subject offered in undergraduate General Degree Courses:

B.A. (Hons. and Gen.)	**B.Sc. (Hons. and Gen.)**	**B. Com (Hons. and Gen.)**	**B.A. / B.Sc. (Major)**	**Professional**
Bengali	Anthropology	Accountancy	Tourism & Travel Management	LLB
English	Aquaculture Management	Marketing	Office Management & Secretarial Practice	BSW
Economics	Biotechnology.	Management	Agro service	BCA
Education	Botany		Automobile Maintenance	BMLT
Hindi	Chemistry		Industrial Chemistry	B.P. Ed.
History	Computer Science		Industrial Fish & Fisheries	**B. Voc.**
Music	Electronics			i) Fisheries & Farm Management.
Philosophy	Environmental Studies			ii) Software Development
Physical Education	Geography			iii)Theatres & Stage Craft
Microbiology	Mathematics			iv)Health Care
Political Science	Microbiology			v)Automobile
Sanskrit	Biochemistry			
Sociology	Nutrition			
Santali				

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Physics
Physiology
Geology
Statistics
Zoology
Defence Studies
Military Science

7. Research and Development:

The University has adopted the slogan “One Teacher One Project”. It may be gladly noted here that Research Grants have been regularly pouring into the different academic departments of the University from several funding agencies like UGC, DST, DBT, CSIR, ICMR, ICHR, ICSSR, NABARD etc. The details of the Research Projects received by the faculty members of the University are appended below.

Statement of all Projects of the University for the year 2015-16				
Particulars	**Opening Balance**	**Transactions**		**Closing Balance**
		Debit	**Credit**	
DRS (SAP)-UGC	**140155.00 Cr**	*2664929.00*	*5176528.00*	**2651754.00 Cr**
DRS (SAP) - Anthropology Department		41000.00		*41000.00 Dr*
DRS (SAP)- Botany Department	*459720.00 Cr*	1024776.00	1162696.00	*597640.00 Cr*
DRS (SAP)- Chemistry Department	*33485.00 Dr*	1066740.00	1730274.00	*630049.00 Cr*
DRS (SAP)-English Department	*255796.00 Dr*	345530.00	1484817.00	*883491.00 Cr*
DRS(SAP)- Physics Department	*30284.00 Dr*	186883.00	798741.00	*581574.00 Cr*
Project-CSIR	**1871509.00 Cr**	*2372943.00*	*1702481.00*	**1201047.00 Cr**
CSIR- Dr. AK.Mishra (Chemistry)	*59379.00 Cr*	29118.00		*30261.00 Cr*
CSIR- Dr. Braja Gopal Bag	*409680.00 Cr*	624617.00	662039.00	*447102.00 Cr*
CSIR- Dr. K.C.Mondal(Micro-Bio)	*407970.00 Cr*			*407970.00 Cr*
CSIR- OSDD- Chemistry-S S Islam	*512386.00 Cr*	513261.00	875.00	
CSIR- P C DHARA	*45038.00 Cr*	126365.00	81467.00	*140.00 Cr*
CSIR- S Dolai (Chemistry)	*160132.00 Cr*	160132.00		
CSIR-Subal Chandra Manna	*276924.00 Cr*	264595.00		*12329.00 Cr*
CSIR-Sumita Roy		654855.00	958100.00	*303245.00 Cr*
Project-ICMR	**382797.00 Cr**	*1029581.00*	*1196527.00*	**549743.00 Cr**
ICMR- Chandradipa Ghosh (Physiology)	*37670.00 Cr*	989581.00	1196527.00	*244616.00 Cr*
ICMR-D.D.Ghosh-02	*94900.00 Cr*			*94900.00 Cr*
ICMR Dr. D D Ghosh (BMLT)01	*191382.00 Cr*	40000.00		*151382.00 Cr*
ICMR- Dr. S.D.Banik(Anthro)	*36431.00 Cr*			*36431.00 Cr*
ICMR P C Dhara (Physiology)	*22414.00 Cr*			*22414.00 Cr*
Project ICSSR	**1193152.00 Cr**	*1095546.00*	*122523.00*	**220129.00 Cr**
ICSSR - Nilanjana Das Chetterjee	*25587.00 Cr*	77135.00	51548.00	
ICSSR - Pinaki Das (Economics)	*13855.00 Dr*	21955.00	39525.00	*3715.00 Cr*
ICSSR-Ratan Hembram	*1091420.00 Cr*	975006.00		*116414.00 Cr*
ICSSR-Sebak Kumar Jana		21450.00	21450.00	
ICSSR- Seminar Grants- Library Science	*90000.00 Cr*		10000.00	*100000.00 Cr*
Project-Others	**11992.00 Cr**	*802129.00*	*831800.00*	**41663.00 Cr**

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BIOSTAD- P.K. Das Mahapatra	*11992.00 Cr*	93792.00	81800.00	
NABARD-Sebak Kumar Jana		708337.00	750000.00	*41663.00 Cr*
Projects-DBT	**794029.00 Cr**	*1318874.00*	*3667300.00*	**3142455.00 Cr**
DBT - Bidhan Chandra Patra		86163.00	285000.00	*198837.00 Cr*
DBT-BIF(Micro-Biology)	*434934.00 Cr*	405616.00	1209300.00	*1238618.00 Cr*
DBT-NER - Bidhan Chandra Patra	*83275.00 Cr*	551275.00	468000.00	
DBT-Sirajul Islam (Chemistry)			1705000.00	*1705000.00 Cr*
DBT- Somnath Roy- Physiology	*275820.00 Cr*	275820.00		
Projects- DRDO		*3938.00*	*3938.00*	
DRDO-Prof. P.C.Dhara(Physiology)		3938.00	3938.00	
Projects- DST	**3556052.00 Cr**	*4591760.00*	*9323890.00*	**8288182.00 Cr**
DST-Bhabani Prasad Pakhira	*231200.00 Cr*			*231200.00 Cr*
DST- Bidhan Chandra Patra- Zoology	*95149.00 Cr*	1065144.00	1000000.00	*30005.00 Cr*
DST-Chandradipa Ghosh	*5446.00 Cr*			*5446.00 Cr*
DST-CODER- Keshab Chandra Mondal (Microbiology)	*1433331.00 Cr*	1698368.00	1000000.00	*734963.00 Cr*
DST-D.D.Ghosh-03	*52040.00 Cr*			*52040.00 Cr*
DST-D.D.Ghosh-04	*506607.00 Cr*	203761.00		*302846.00 Cr*
DST- Debidas Ghosh(BMLT)			3075000.00	*3075000.00 Cr*
DST- Dilip Kumar Maiti (Math)		48456.00	315671.00	*267215.00 Cr*
DST- Dr. K. Chatterjee (Physics)	*260045.00 Cr*			*260045.00 Cr*
DST - FIST- Chemistry Department	*12243.00 Cr*	321303.00	578624.00	*269564.00 Cr*
DST-FIST-Physics Department		156057.00	156057.00	
DST- Maidul Hossain (Chemistry)	*207039.00 Cr*	305999.00	390000.00	*291040.00 Cr*
DST- NTRF- Debidas Ghosh	*98016.00 Cr*	520306.00	1186273.00	*763983.00 Cr*
DST-Prof. S.S.Islam (Chemistry)		72265.00	72265.00	
DST-SERB-Santi Mohan Mondal			1530000.00	*1530000.00 Cr*
DST Subal Chandra Manna (Chemistry)	*62028.00 Cr*	79114.00	20000.00	*2914.00 Cr*
DST- Surajit Ghosh (Physics)	*121007.00 Cr*	120987.00		*20.00 Cr*
DST(TUN)- Dr. D.D.Ghosh(BMLT)	*471901.00 Cr*			*471901.00 Cr*
Project- State Govt.	**284170.00 Cr**	*829166.00*	*2812600.00*	**2267604.00 Cr**
DST (WB Govt.)-D.D Ghosh		16400.00	583800.00	*567400.00 Cr*
K.C.Mandal(S&T, WB)			650800.00	*650800.00 Cr*
NFDB-B.C Patra		52434.00	235000.00	*182566.00 Cr*
S.Chattopadhay(S&T, WB)			300000.00	*300000.00 Cr*
Science Fair-B.C Patra	*40000.00 Cr*	486.00	50000.00	*89514.00 Cr*
State Govt- Project- Dipak Kumar Midya		187385.00	350000.00	*162615.00 Cr*
State Govt Project-S.K.Chakraborty (Zoology)	*244170.00 Cr*	572461.00	643000.00	*314709.00 Cr*
Projects- UGC	**9076501.00 Cr**	*8097772.00*	*6507857.00*	**7486586.00 Cr**
UGC-BSR-Bidhan Chandra Patra (Zoology)	*117749.00 Cr*	127749.00	10000.00	
UGC-BSR-Chemistry	*1517500.00 Cr*	607814.00		*909686.00 Cr*
UGC-BSR- Dr. Sagar Acharya (Zoology)	*278686.00 Cr*	251665.00		*27021.00 Cr*
UGC-BSR- Jatisankar Bandyopadhyay	*573358.00 Cr*	302386.00		*270972.00 Cr*
UGC- BSR- Manoj Kumar Pati	*506298.00 Cr*	505852.00		*446.00 Cr*
UGC-BSR- Somashri Dam	*600000.00 Cr*			*600000.00 Cr*

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UGC BSR(STARTUP) -Maidul Hossain	*53527.00 Cr*	48734.00		*4793.00 Cr*
UGC-BSR(STARTUP) -Sovanjan Sarkar	*265990.00 Cr*	328217.00	62227.00	
UGC - BSR - SUMANA SARKHEL	*114605.00 Cr*	114605.00		
UGC-Innovative Programme (Micro-Biology)	*1471404.00 Dr*	1101977.00		*2573381.00 Dr*
UGC-Innovative Programme-Nutrition/BMLT	*3714955.00 Cr*	68348.00		*3646607.00 Cr*
UGC - Math-Project- Biswajit Sarkar	*5703.00 Cr*			*5703.00 Cr*
UGC-MRP-ABHIJIT SINHA(COMMERCE)	*6357.00 Cr*	11580.00	5551.00	*328.00 Cr*
UGC MRP- B.G.BAG		77527.00	781600.00	*704073.00 Cr*
UGC-MRP Debdulal Banerjee 01	*140706.00 Cr*	34203.00		*106503.00 Cr*
UGC-MRP(Dr. A.K.Mondal-Botany)	*62443.00 Cr*	70000.00	7557.00	
UGc-MRP(Dr. D.D.Ghosh-01)		170940.00	1032000.00	*861060.00 Cr*
UGC-MRP(Dr. R.K.Kothari-Pol.Sc)		304296.00	786600.00	*482304.00 Cr*
UGC-MRP- Falguni Chakraborty		201090.00	593000.00	*391910.00 Cr*
UGC-MRP-INDRANIL ACHARYA(ENGLISH)	*3572.00 Dr*	226428.00	230000.00	
UGC-MRP- JOYJIT GHOSH		3237.00	3237.00	
UGC-MRP-K C Mondal (MIC. Bio.)	*98911.00 Cr*	98911.00		
UGC - MRP- KUNTAL CHATTERJEE	*7784.00 Cr*	13807.00	9976.00	*3953.00 Cr*
UGC-MRP-Pinaki Das		54172.00	527600.00	*473428.00 Cr*
UGC-MRP(Prof. B.R.Pati- Micro-Bio)	*78216.00 Cr*			*78216.00 Cr*
UGC-MRP(Prof. T.D.Purukayashtha-Eng)	*6936.00 Cr*			*6936.00 Cr*
UGC-MRP- Samir Ghosh	*32443.00 Cr*			*32443.00 Cr*
UGC-MRP-Sankar Kr. Dey	*41076.00 Cr*	41076.00		
UGC-MRP-SATYAJIT SAHA		2215.00	2215.00	
UGC-MRP-Sebak Kr. Jana		62600.00	366600.00	*304000.00 Cr*
UGC-MRP-S.K Mallik		156902.00	531600.00	*374698.00 Cr*
UGC-MRP- S. N. Chakraborty			756800.00	*756800.00 Cr*
UGC-MRP(Soumyajit Patra)	*589.00 Cr*	589.00		
UGC (MRP) - SUBRATA KUMAR DE (ZOOLOGY)		353509.00	353509.00	
UGC-MRP Sujata Maiti (Physiology)	*17896.00 Cr*	432594.00	432785.00	*18087.00 Cr*
UGC-MRP(Taraknath Sahu- Commerce)	*21797.00 Cr*	36797.00	15000.00	
UGC- Raman Project- Kuntal Chatterjee	*2287952.00 Cr*	2287952.00		
Grand Total	**17310357.00 Cr**	***22806638.00***	***31345444.00***	**25849163.00 Cr**

8. Convocation:

The Eighteenth Convocation of Vidyasagar University was held on 03.03.2016 at the University Auditorium "Vivekananda Sabhagriha". The Convocation ceremony was presided over by His Excellency Shri Keshari Nath Tripathi, Hon'ble Chancellor of Vidyasagar University and Governor of West Bengal.

The University felt honoured to award to Professor Mihir Kanti Chaudhuri, distinguished Scientist and the Vice-Chancellor, Tezpur University as esteemed recipient of Doctor of Science (D.Sc.) H*onoriscausa* and Dr. Nanditha Krishna, noted Scholar and the President, The C. P. Ramaswamy Aiyar Foundation, Chennai as esteemed recipient of Doctor of Literature (D.Litt.) *Honoriscausa*.

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Professor Sugata Marjit, renowned Economist and Vice-Chancellor of the University of Calcutta was the Chief Guest in the said Convocation. He delivered the Convocation Address. He pointed out and suggested the following for improvement of quality teaching & research and development in higher education:

He highlighted the relevance - and the urgent need for greater tolerance in our society. No problems are ever resolved by violence. It only aggravates the pain and the hurt on every side. The healing process must be nurtured with love, compassion and patience. Institutions of higher education, with their emphasis on sound value systems and character building can play an effective role in developing a greater sense of responsibility and a rational approach to all issues. In this context, the duty of teachers is to inculcate in their students a balance - of knowledge and skills with the moral and aesthetic values.

New technologies need to be adopted which have useful applications for teaching, learning and professional development. This will bring a significant improvement in the quality of our teaching and research. Universities must promote creativity and innovation. Creation of a knowledge society requires that Universities encourage autonomous research.

Time has come when the teaching community must seriously consider what contribution it can make for a breakthrough in the present condition of Indian higher education. There are good reasons to think that it is only this community which, among many factors, may give the best for an improvement in the quality of higher education. A lot of things need to be pondered over in this context.

Good teaching is very difficult to define. Bertrand Russell once said that there are terms which are intelligible without definition. Good teaching belongs to the category of such terms. Not only is the term indefinable but the manner of teaching also has considerable variations from one good teacher to another. Teaching may not also remain confined within four walls of the class room. Prof. Auden, Professor of poetry at the University of Oxford, delivered his first lecture not inside a class room but at the Sheldonian Theatre in London and he read out from a written manuscript.

The well known philosopher Wittgenstein used to give teaching highest priority to perfect clarity of concepts. Indeed he used virtually to wrestle with concepts inside the class room. He was candid enough to ask even students whether he himself could explain clearly the concept he meant to discuss.

These days we hear a good deal of talk about “human development” and the fostering of “human capabilities”. It is sad to see that analysis of education used even by the best practitioners of the human development approach tend to focus on basic marketable skills and to neglect the humanistic abilities of critical thinking, and imagining, so crucial if education is really to promote human development, rather than, merely, economic growth and individual acquisition. I am sorry to say that we are still lagging in our effort to evolve and design a scheme of education for human development. After all, education for human development is a very broad idea. It includes many types of cultivation that are pertinent to a student’s personal self-development. It is not simply about citizenship, even when citizenship is broadly understood. The focus must be on the goal of producing decent world citizens who can understand the global problems to which different theories of justice respond and who have the practical competence and the motivational incentives to do something about these problems.

The young people of India will build a strong and powerful nation - a nation that is politically mature and economically strong, a nation whose people enjoy high quality of life as well as justice, fundamental rights and equality. Let a new dawn emerge. It is the time to move ahead with faith in our collective future and confidence in the largest democracy in the world, where rule of law prevails, robust institutions function and the Constitution serves as the Supreme Law.

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ADMINISTRATIVE OFFICERS

Vice-Chancellor	:	Professor Ranjan Chakrabarti
Registrar	:	Dr. Jayanta Kishore Nandi (from 30.12.2015) Dr. Jayanta Kishore Nandi (Actg.) (upto 29.12.2015)
Finance officer	:	CA Shri Anandamoy Sarkar
Controller of Examinations	:	Dr. Ashim Kumar Sarkar (from 01.10.2015) Dr. Niranjan Mondal (upto 30.09.2015)
Inspector of Colleges	:	Dr. Abhijit Roy Chaudhuri (from 02.02.2016) Dr. Binoy Kumar Chanda (Actg.) (upto 01.02.2016)
Dean of Students' Welfare	:	Dr. Jayanta Kishore Nandi (upto 29.12.2015) Dr. Jayanta Kishore Nandi (from 30.12.2015)
Secretary, Faculty Councils for Postgraduate Studies	:	Dr. Abdur Rahim
Deputy Registrar	:	Dr. Sukhen Som (from 02.12.2015) Dr. Ganesh Chandra Rana (upto 01.12.2015)
Development officer	:	Dr. Arun Kumar Maiti
Deputy Inspector of Colleges	:	Vacant
Secretary, Council for Under-Graduate Studies	:	Dr. Mukul Kanti Gole
Deputy Controller of Examinations	:	Shri Subhas Chandra Maiti
University Engineer	:	Shri Sajal Das
Deputy Librarian	:	Shri Amiya Sarkar
Director Computer Centre	:	Shri Sunil Chandra Mallik
Assistant Registrar	:	Dr. Amal Kumar Bhunia
Audit Officer	:	Shri Khokan Maity
Medical Officer	:	Dr. Siddhartha Sankar Dash (on study leave)
Assistant Librarian	:	Vacant
Information Scientist	:	Shri Biplab Chakraborty
Programmer/Analyst	:	Shri Partha Sarathi Das
System Analyst	:	Sri Arindam Bhattacharya
Sports Officer	:	Sri Suhas Kumar Barik (Contractual)
Accounts Officer	:	Shri Ashimava Praharaj
Assistant controller f Examinations	:	Shri Debasish Sharma (from 11.12.2015) Shri Nikhilesh Barik (upto 18.08.2015)

EXTENSION CENTRE

Directorate of Distance Education Director (Actg.)	:	Dr. Ashim Kumar Sarkar
Computer Centre Director	:	Sri Sunil Kumar Mallik
Gandhian Studies Centre Director	:	Prof. Raj Kumar Kothari
National Service Scheme Co-ordinator	:	Dr. Tapan Kumar De
M.C.A. In-charge	:	Prof. Satyajit Saha (Co-ordinator)
IQAC Director	:	Prof. P. C. Dhara

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UNIVERSITY BODIES

1. MEMBERS OF THE COURT (SINCE 04.04.2012)

(a)	**EX-OFFICIO MEMBERS**	
(i)	The Chancellor	**Shri Keshari Nath Tripathi**
(ii)	The Vice-Chancellor	**Professor Ranjan Chakrabarti**
(iii)	**The Deans of the Faculty Councils for Post Graduate Studies**	
	(a) The Dean, Faculty Council for Postgraduate Studies in Arts & Commerce:	**Prof. Tirthankar Das Purakayastha (upto 02.07.2015)** **Prof. Debasish Bandyopadhyay (from 03.07.2015 to 10.12.2015)** **Prof. Damodar Mishra (from 23.12.2015)**
	(b) The Dean, Faculty Council for Postgraduate Studies in Science:	**Prof. Bidhan Chandra Patra**
(iv)	The Principle Secretary, Higher Education Department, Government of West Bengal or his nominee not below the rank of Joint Secretary to the Government of West Bengal:	**Sri Kunal Kanti Jha**
(v)	The Principal Secretary, Finance Department, Government of West Bengal or his nominee not below the rank of Joint Secretary to the Government of West Bengal:	
(vi)	The Chairman, West Bengal State Council of Higher Education or his nominee:	
(vii)	The President, West Bengal Council of Higher Secondary Education.	
(viii)	The President, West Bengal Madrasha Education Board:	**Prof.(Dr.) Fazel Rabbi**, President, W.B.M.E.B.
(ix)	The President, West Bengal Board of Secondary Education.	
(x)	The Director of Public Instruction, West Bengal or his nominee not below the rank of Additional Director of Public Instruction:	
(xi)	A nominee of the Chairman of University Grants Commission:	**Dr. Purna Banerjee,** Associate Professor Dept. of English, Presidency University

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(xii)	A nominee of the Chairman of National Council for Teacher's Education.	
(xiii)	The Chairman of the College Service Commission or a member of the Commission as his nominee:	**Dr. Dipak Kumar Kar**, Chairman, C.S.C. , Govt. of West Bengal
(b)	**REPRESENTATIVES OF DEPARTMENTS AND COLLEGES**	
(xiv)	**Heads of Departments of the University**	
	Dr. Dipak Midya, Head, Department of Anthropology	
	Prof. Sankar Kumar Roy, Head, Department of Applied Mathematics with Oceanology and Computer Programming	
	Prof. Srutinath Chakraborty, Head, Department of Bengali	
	Prof. Asish Kr. Nandi, Head, Department of Botany and Forestry	
	Prof. Ajoy Kr. Mishra, Head, Department of Chemistry and Chemical Technology	
	Prof. Samir Ghosh, Head, Department of Commerce with Farm Management	
	Prof. Radha Raman Pal, Coordinator, Computer Science	
	Prof. Joydeb Sasmal, Head, Department of Economics with Rural Development	
	Mr. Sutanu Dutta, Head, Department of Electronics	
	Dr. Indranil Acharya, Head, Department of English	
	Dr. Nilanjan Das Chatterjee, Head, Department of Geography and Environment Management	
	Shri Goutam Chando Roy, Head, Department of History	
	Prof. Chandradipa Ghosh, Head, Department of Human Physiology with Community Health	
	Prof. Durga Sankar Rath, Department of Library and Information Science	
	Dr. Keshab Chandra Mondal, Head, Department of Microbiology	
	Prof. Ramdas Sirkar, Head, Department of Philosophy and Life-World	
	Prof. Satyajit Saha, Head, Department of Physics and Technophysics	
	Prof. Ambarish Mukherjee, Head, Department of Political Science with Rural Administration	
	Smt. Dulee Hembram, Head, Department of Santali	
	Prof. Jayanta Kr. Kundu, Head, Department of Zoology	

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	Dr. Swarup Singha, Head, Department of Sanskrit
	Prof. Kartick Chandra Paul, Coordinator, Department of Business Administration
	Prof. Damodar Mishra, Head, Department of Hindi
	Dr. Jatisankar Bandyopadhyay, Head, Department of Remote Sensing and GIS
(xv)	**Five seniormost Professors of Departments of the University selected by the Vice-Chancellor in alphabetical order of the Department**
	1. **Prof. Arindam Gupta**, Head, Department of Commerce with Firm Management
	2. Prof. Madhumandal Pal, Department of Applied Mathematics with Oceanology and Computer Programming
	3. Vacant
	4. Prof. Nagendra Kumar Verma, Department of Botany and Forestry
	5. Prof. Braja Gopal Bag, Department of Chemistry and Chemical Technology
(xvi)	**Principals of affiliated Colleges, not more than ten, nominated by the Vice-Chancellor:**
	1. Dr. Jyotirmoy Nandi, Vidyasagar Teachers' Training College (from Teachers' Training College)
	2. Dr. Avimunya Behera, Midnapore Law College (from Law College)
	3. One shall be from other Professional College
	4. Dr. Utpal Utthasini, Mahishadal Girls' College (from Women's College)
	5. Vacant
	6. Dr. Asim Bera, Mahishadal Raj College
	7. Vacant
	8. Dr. Kanailal Paria, Sabang Sajanikanta Mavidyalaya
	9. Dr. Manas Kumar Chakraborty, Chandrakona Vidyasagar Mahavidyalaya (upto 30.05.2014)
	10. Dr. Gopal Chandra Bera, Debra Thana Sahid Kshudiram Smriti Mahavidyalaya
(xvii)	**Five Teachers from the Council for Undergraduate Studies, of whom atleast two shall belong to the rank of Associate Professor and others shall be not below the rank of Assistant Professor, to be elected by the members of the council**
	1. Vacant

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	2. Vacant	
	3. Vacant	
	4. Vacant	
	5. Vacant	
(xviii)	**One Representative of Officers of the University, to be elected from amongst themselves in the manner as may be prescribed by the Statutes.**	1. Vacant
(xix)	**Two representatives of non-teaching employees-**	
	(i) One from Non-teaching employees of the University	Vacant
	(ii) One from non-teaching employees of the affiliated colleges of the University	Vacant
(c)	**NOMINATED MEMBERS**	
(xx)	**Five persons to nominated by the Chancellor from amongst the persons interested in University education**	
	1. Prof. H. S. Basudevan **2. Prof. Aswini Ray** **3. Prof. Bharati Ray** **4. Prof. Arunoday Saha** **5. Prof. Partha Mazumdar**	
(d)	**SPECIAL INVITEE**	
(xxi)	Any official expert in any field or eminent educationist	1. Vacant

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2. MEMBERS OF THE EXECUTIVE COUNCIL : (SINCE 04.04.2012)

(A)	**EX-OFFICIO MEMBERS**	
(i)	The Vice-Chancellor	**Professor Ranjan Chakrabarti**
(ii)	The Principal Secretary , Higher Education Department, Govt. of West-Bengal	**Sri Sukumar Ganai**, I.A.S. Addl. Secretary, Higher Education Department, Govt. of West Bengal
(iii)	The Principal Secretary , Finance Department, Government of West Bengal or his nominee not below the rank of Joint Secretary	
(iv)	The Chairman , West Bengal State Council of Higher Education or his Nominee	**Professor Rajat Acharya,** Department of Economics , Jadavpur University
(v)	The Director of Public Instruction, West Bengal or his nominee not below the rank of Additional Director of Public Instruction	**Dr. Dipak Ranjan Mondal**, Director , Public Instructions, Govt. of West-Bengal
(vi)	The Deans of the Faculty Councils for Postgraduate Studies	
	(a) The Dean , Faculty Council for Post Graduate Studies in Arts & Commerce	**Prof. Tirthankar Das Purakayastha (upto 02.07.2015)** **Prof. Debasish Bandyopadhyay (from 03.07.2015 to 10.12.2015)** **Prof. Damodar Mishra (from 23.12.2015)**
	(b) The Dean , Faculty Council for Post Graduate Studies in Science	**Prof. Bidhan Chandra Patra**
(vii)	Principal of Affiliated Colleges, not more than seven, to be nominated by Vice-Chancellor	
	1. **Dr. Ashish Kumar Gupta**, Sevayatan Sikshan Mahavidyalaya (from a Teacher's Training College)	
	2. Vacant	
	3. **Dr. Avimanyu Behra**, Midnapore Law College (from a Law College)	
	4. **Dr. Utpal Utthyasini**, Mahishadal Girls' College (from a Women's College)	
	5. Vacant	
	6. **Dr Manabendra Mondal**, Belda College	
	7. **Dr. Asim Kumar Manna**, Khejuri College	
	8. **Dr. Asim Kumar Bera**, Mahishadal Raj College	
(B)	**OTHER MEMBERS**	
(viii)	Three Heads of Departments, by rotation for one year in alphabetical order of the department, to be selected by the Vice-Chancellor	
	1. **Dr. Tagar Lal Khan**, Head, Department of Commerce with Firm Management	

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	2. **Shri Biswapati Jana**, Head, Department of Computer Science
	3. **Prof. Joydeb Sasmal**, Head, Department of Economics with Rural Development
(ix)	Seven teachers from the faculty council for Post-Graduate studies of whom four shall be Professors, two shall be Associated Professors and one shall be Assistant Professor and they shall be elected by the members of the faculty council from amongst themselves in the manner as may be prescribed by Status
	1. Vacant
	2. Vacant
	3. Vacant
	4. Vacant
	5. Vacant
	6. Vacant
	7. Vacant
(x)	Five Teachers of whom at least two shall belong to the rank of the Associate Professor and Others shall be not below the rank of Assistant Professor from Council for under-graduate studies to be elected by the members of the Council from amongst themselves in the manner as may be prescribed by Statutes
	1.
	2.
	3.
	4.
	5.
(xi)	Two persons nominated by the Chancellor interested in University Education
	1. **Professor Joyashree Roy**, Department of Economics, Jadavpur University
	2. **Professor Radharaman Chakraborty**, 142/20 Raja Rammohan Roy Road (Near Netaji Sarkar) Kolkata - 700008, email : chakra10@rediffmail.com

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3. FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN ARTS AND COMMERCE

1.	**Vice-Chancellor: Chairman** **Professor Ranjan Chakrabarti**
2.	**Dean Faculty of Arts and Commerce :** **Professor Tirthankar Das Purakayastha/ Professor Debasish Bandyopadhyay/ Professor Damodar Mishra**
3.	**Professors of the Postgraduate Departments in Arts and Commerce**
a)	**Professor Layak Ali Khan** (On Re-employment), Department of Bengali.
b)	**Professor Srutinath Chakraborty** (On Re-employment), Department of Bengali
c)	**Professor Bani Ranjan De,** Department of Bengali
d)	**Professor Kartick Chandra Paul** (On Re-employment), Department of Business Administration
e)	**Professor Arindam Gupta**, Department of Commerce with Farm Management
f)	**Professor Samir Ghosh**, Department of Commerce with Farm Management
g)	**Professor Kalpataru Bandyopadhyay**, Department of Commerce with Farm Management
h)	**Professor Debasis Mondal**, Department of Economics with Rural Development
i)	**Professor Mihir Kumar Paul**, Department of Economics with Rural Development
j)	**Professor Joydeb Sasmal** (On Re-employment), Department of Economics with Rural Development
k)	**Professor Tirthankar Das Purakayastha** (On Re-employment), Department of English
l)	**Professor Sankar Prasad Singha** (On Re-employment), Department of English
m)	**Professor Debashis Bandyopadhyay**, Department of English
n)	**Professor Damodar Mishra**, Department of Hindi
o)	**Professor Ujjayan Bhattacharya,** Department of History
p)	**Professor Pijush Kanti Jana**, Department of Library and Information Science
q)	**Professor Durga Sankar Rath**, Department of Library and Information Science
r)	**Professor Bhupendra Chandra Das**, Department of Philosophy

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s)	**Professor Ambarish Mukhopadhyay,** Department of Political Science with rural Administration
t)	**Professor Raj Kumar Kothari**, Department of Political Science with rural Administration
u)	**Professor Sibaji Pratim Basu**, Department of Political Science with Rural Administration
v)	**Professor Syed Abdul Hafiz Moinuddin**, Department of Sociology
5.	**Heads of all the Post-Graduate Departments under the Faculty of Arts and Commerce**
a)	Department of Bengali : **Professor Srutinath Chakrabarty** / **Professor Bani Ranjan De**
b)	Department of Commerce with Farm Management: **Professor Samir Ghosh** / **Professor Kalpataru Bandyopadhyay**
c)	Department of Economics with Rural Development: **Professor Joydeb Sasmal /Professor Mihir Kumar Pal**
d)	Department of English: **Professor Tirthankar Das Purakayastha** / **Dr. Joyjit Ghosh**
e)	Department of Hindi: **Professor Damodar Mishra**
f)	Department of History: **Shri Gautam Chando Roy / Smt. Shamita Sarkar**
g)	Department of Library and Information Science: **Smt. Smita Sett / Professor Durga Shankar Rath**
h)	Department of Philosophy and the Life World : **Shri Ramdas Sirkar**
i)	Department of Political science with Rural Administration : **Professor Ambarish Mukhopadhyay**
j)	Department of Sanskrit : **Shri Swaroop Singha / Shri Uttam Biswas**
k)	Department of Santali : **Smt. Dulee Hembram**
l)	Department of Sociology : **Dr. Asmita Bhattacharya**
m)	Department of Business Administration: **Dr. Sudin Bag**
5.	**Four Teachers other than Professors**
a)	Vacant (to be elected)
b)	Vacant (to be elected)
c)	Vacant (to be elected)
d)	Vacant (to be elected)

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6.	**Prof. Arabinda Samanta**, University of Burdwan [Nominated by the Vice-Chancellor having special knowledge in the subjects concerned]
7.	**Three Teachers participating in undergraduate teaching in the subjects concerned elected by the teacher members of the Council for Undergraduate Studies concerned from amongst themselves:**
a)	Vacant (to be elected)
b)	Vacant (to be elected)
c)	Vacant (to be elected)

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4. FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN SCIENCE

1.	**Vice-Chancellor: Chairman** **Professor Ranjan Chakrabarti**
2.	**Dean Faculty of Science : Professor Bidhan Chandra Patra**
3.	**Professors of the Post-graduate Departments in Science**
a)	**Professor Falguni Chakraborty** (on Re-employment), Department of Anthropology
b)	**Professor Abhijit Guha,** Department of Anthropology
c)	**Professor Kaushik Sankar Bose,** Department of Anthropology
d)	**Professor Dipak Kumar Midya**, Department of Anthropology
e)	**Professor Madhumangal Pal**, Department of Applied Mathematics with Oceanology and Computer Programming
f)	**Professor Debidas Ghosh**, Department of Bio-Medical Laboratory Science and Management
g)	**Professor Amal Kumar Mondal**, Department of Botany and Forestry
h)	**Professor Syed Sirajul Islam** (on Re-employment), Department of Chemistry and Chemical Technology
i)	**Professor Braja Gopal Bag**, Department of Chemistry and Chemical Technology
j)	**Professor Ajoy Kumar Mishra**, Department of Chemistry and Chemical Technology
k)	**Professor Amiya Kumar Panda,** Department of Chemistry and Chemical Technology
l)	**Professor Somenath Roy** (on Re-employment), Department of Human Physiology with Community Health
m)	**Professor Prakash Chandra Dhara**, Department of Human Physiology with Community Health
n)	**Professor Chandradipa Ghosh**, Department of Human Physiology with Community Health
o)	**Professor Bikash Ranjan Pati** (on Re-employment), Department of Microbiology
p)	**Professor Paresh Chandra Jana**, Department of Physics and Technophysics
q)	**Professor Radha Raman Pal**, Department of Physics and Technophysics
r)	**Professor Satyajit Saha**, Department of Physics and Technophysics
s)	**Professor Susanta Kumar Chakraborty**, Department of Zoology

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t)	**Professor Jayanta Kumar Kundu**, Department of Zoology
u)	**Professor Subrata Kumar De,** Department of Zoology
v)	**Professor Bidhan Chandra Patra,** Department of Zoology
4.	**Heads/TICs/Coordinators of all the Post-graduate Departments under the faculty of Science**
a)	Department of Anthropology: **Professor Dipak Kumar Midya / Dr. Sovanjan Sarkar**
b)	Department of Applied Mathematics : **Dr. Sankar Kumar Roy** / **Prof. Madhu Mangal Pal**
c)	Department of Aquaculture Management and Technology : **Dr. Manoj Kumar Pati**
d)	Department of Bio-Medical Laboratory Science and Management: **Dr. Sandip Chattopadhyay**
e)	Department of Botany and Forestry: **Dr. Ashis Kumar Nandi**
f)	Department of Chemistry and Chemical Technology : **Dr. Sudipta Dolai**
g)	Department of Computer Science / MCA: **Professor Radha Raman Pal / Professor Satyajit Saha**
h)	Department of Electronics: **Mr. Sutanu Dutta / Ms. Susmita Bala**
i)	Department of Geography and Environment Management: **Sri Kausik Ghosh**
j)	Department of Human Physiology With Community Health: **Professor Chandradipa Ghosh**
k)	Department of Microbiology: **Dr. Kesab Chandra Mondal / Dr. Debdulal Banerjee**
l)	Department of Physics and Technophysics : **Professor Radha Raman Pal**
m)	Department of Remote Sensing and GIS: **Dr. Jatishankar Bandyopadhyay / Ms. Dipwanita Dutta**
n)	Department of Zoology: **Professor Jayanta Kumar Kundu**
5.	**Four Teachers other than Professors**
a)	Vacant (to be elected)
b)	Vacant (to be elected)
c)	Vacant (to be elected)
d)	Vacant (to be elected)

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6.	**Prof. Dinen Roy Chowdhuri**, Department of Zoology, University of Calcutta [Nominated by the Vice-Chancellor having special knowledge in the subjects concerned]
7.	**Three Teachers participating in undergraduate teaching in the subjects concerned elected by the teacher members of the Council for Undergraduate Studies concerned from amongst themselves:**
a)	Vacant (to be elected)
b)	Vacant (to be elected)
c)	Vacant (to be elected)

5. COUNCUL FOR UNDREGRADUATE STUDIES IN ARTS, SCIENCE AND COMMERCE

Not formed

6. COUNCUL FOR UNDREGRADUATE STUDIES IN LAW

Not formed

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7. FINANCE COMMITTEE

01.	The Vice-Chancellor - Chairman	**Professor Ranjan Chakrabarti**
02.	**Two Deans of the Faculty Councils**	
	(a) The Dean, Faculty Council for Postgraduate Studies in Arts & Commerce:	**Professor Tirthankar Das Purakayastha / Professor Debasish Bandyopadhyay / Professor Damodar Mishra**
	(b) The Dean, Faculty Council for Postgraduate Studies in Science:	**Professor Bidhan Chandra Patra**
03.	One member with experience in financial matters nominated by the state Govt.	**Shri Samir Kumar Ghosh / Shri Kuntal Kanti Jha,** Accounts Officer & Ex-Officio Deputy Secretary
04.	One member nominated by the Court from among its own members.	**Vacant**
05.	**Dr. Ashis Kumar Gupta,** Principal, Sevayatan Sikshan Mahavidyalaya [As per the decision of the Executive Council in its first meeting dated 05.04.2012 nominated by the Vice-Chancellor]	
06.	The Finance Officer - Secretary	**CA Mr. Anandamoy Sarkar**

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HIGHLIGHTS 2015-2016

- **Professor Ranjan Chakrabarti, Hon'ble Vice-Chancellor, Vidyasagar University was invited to deliver two lectures on *Environment in Asian History* and *History and Future of Water in Asia* at the Department of History, Peking University, Beijing, China during July 9 – 17, 2015.**
- **Professor Ranjan Chakrabarti, Hon'ble Vice-Chancellor, Vidyasagar University was also invited by the Department of History, University of Chittagong to attend an International Seminar, jointly organized by the Bangladesh *Itihash Sansad* & the Department of History, University of Chittagong, and to deliver Masterda Surya Sen Memorial Lecture held on November 14 & 15, 2015 at University of Chittagong, Bangladesh.**
- **A new Officers' / Teachers' Hostel (Hemchandra Kanungo Abasan) established.**
- **A 21-day Winter School on 'Women, Gender and Society: Debates and Developments' organized in Vidyasagar University.**
- **Departments like Anthropology, Economics with Rural Development, Chemistry and Chemical Technology, Physics and Technophysics received UGC SAP / DST FIST funds.**
- **Library building has been extended.**
- **New Administrative building (Vidyasagar Bhavan) is established.**
- **A new Canteen (Dulung) started functioning.**
- **Choice Based Credit System (CBCS) initiated which will be effective from 2016-17 Session.**
- **New course in UG on Defense Studies has been introduced in Ramnagar College under Vidyasagar University.**
- **New course in UG on Military Science, B.Voc. Courses in Health Care, and B.Voc. Course in Automobile Servicing has been introduced in Mahishadal Raj College under Vidyasagar University.**

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OFFICE OF THE REGISTRAR

TEACHERS, OFFICERS, NON TEACHING EMPLOYEES

Teaching:

	Professor	Associate Professor	Assistant Professor	Total
Sanctioned Post	17	31	113	161
In Position	14	23	104	141
In position after CAS	43	25	73	141
Vacant post	03	08	09	20
Contractual Teachers			16	16

Officer:

Sanctioned Post	25
In Position	19
Vacant	06
Officer Contractual	02

Non- teaching Staff:

Sanctioned Post	139
In Position	123
Vacant	16
Non-teaching Contractual	37

Vacant Post of Officer Category wise:

Sl. No.	Name of the Post	Number of Vacancy
01	Finance Officer	01
02	Dean of Student's Welfare	01
03	Secretary, Faculty Council for Post Graduate Studies	01
04	Deputy Inspector of Colleges	01
05	Assistant Librarian	01
06	Special Officer	01

Ph. D (Registered and awarded):

Faculty	Registration			Awarded		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
ARTS & COMMERCE	54	17	71	14	06	20
SCIENCE	64	33	97	47	13	60
TOTAL	118	50	168	61	19	80

Post- Graduate, M.Phil. and Ph.D. Students Registered (From Other Universities):

Post- Graduate – 1135

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M.Phil. – 18
Ph.D. – 89

Under-Graduate Students Registered:

Total No. of Students Registered	:	51352
Total No. of Male Candidate	:	24408
Total No. of Female Candidate	:	26944
Total No. of S.C. Candidate	:	7403
Total No. of S.T. Candidate	:	2890
Total No. of O.B.C.- A Candidate	:	1793
Total No. of O.B.C.- B Candidate	:	4663
Total No. of Physically Handicapped Candidate	:	102

MIGRATION (UG+PG):

Total No. of Students Migrated	:	3591

Statement of Monthly Educational tour Home going & Training centre Railway Concession.
1st April 2014 to 31st March 2015.

01	April 15	Monthly & Quarterly	60
		Home going	08
		Educational Tour	NA
02	May 15	Monthly & Quarterly	60
		Home going	02
		Educational Tour	N.A
03	June 15	Monthly & Quarterly	23
		Home going	11
		Educational Tour	N.A
04	July 15	Monthly & Quarterly	88
		Home going	01
		Educational Tour	N.A
05	August 15	Monthly & Quarterly	35
		Home going	06
		Educational Tour	N.A
06	September 15	Monthly & Quarterly	121
		Home going	03
		Educational Tour	N.A
07	October 15	Monthly & Quarterly	64
		Home going	17
		Educational Tour	N.A
08	November 15	Monthly & Quarterly	78
		Home going	10
		Educational Tour	02
09	December 15	Monthly & Quarterly	63
		Home going	08
		Educational Tour	03
		Monthly & Quarterly	91

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10	January 16	Home going	06
		Educational Tour	07
11	February 16	Monthly & Quarterly	124
		Home going	03
		Educational Tour	02
12	March 16	Monthly & Quarterly	71
		Home going	08
		Educational Tour	03

Yearly statement of various Scholarship (April 2015 to March 2016)

Sl. No.	Name of the Scholarship	Faculty	Number of Awarded Student	Amount (Each)
01	Swami Vivekananda Merit-cum- Means Scholarship, Government of West Bengal	Arts	On line	14,400/- Per year
		Science	On line	16,800/- Per year
		Commerce	On line	14,400/- Per year
02	Single Girl Child Scholarship by UGC	-	55 by on line	31,000/- Per year 3,100/- Per month w.e.f. 01.10.2014
03	Rank Holder Scholarship by UGC	-	20 on line	31,000/- Per year
04	Post Metrics Scholarship for Minority Students by West Bengal Minority Development ad Finance Corporation	-	On line	4,900/- Per year
05	Post Metrics Scholarship for SC/ ST/ OBC students for studies by Government of India	-	SC: 502, ST: 291, OBC: 350 by On line	
06	West Bengal Handicapped Scholarship by the Office of the District Mass Education Extension Officer, Paschim Medinipur	-	16	2,880/-
07	Scholarship by Natural Handicapped finance and development corporation, Government of India	-	04	41,420/-
08	West Bengal Labour welfare Scholarship	-	By Hand	
09	Sitaram Jindal Foundation Scholarship	-	97	
10	Inspire Scholarship by UGC	-	20	60,000/- Per year
11	W.B., Chief Minister Relief	-	02	10,000/- One Time

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	fund Scholarship			
12	Ramkrishna Mission Bellur Math, Lilua, Howrah.	-	By Hand	
13	Post Matric scheme for award of scholarship under Beedi and cain workers welfare fund		On line	
14	W.B Council of Higher Secondary Education, Vidyasagar Bhaban		01	
15	J M Sethia Charitable trust		01	

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OFFICE OF THE FINANCE OFFICER

1. Present Strength of Officers and Non-teaching Employees:

Officers:

Finance Officer	**1**
Accounts Officer	**1**
Audit Officer	**1**

Non-Teaching Employee:

Accountant	**1**
Cashier	**1**
Sr. Asst.	**1**
Jr. Asst.	**2**
Technical Asst. Grade-II	**1**
Store Keeper	**1**
Sr. Gr-D Staff	**1**
Jr. Gr-D Staff	**1**
Technical Asstt.	**1 (On contract basis)**
Jr. Asstt.	**3 (On casual basis)**

2. COMMITTEES AND RULES:

The financial activities including purchases of the University are guided by the Finance committee, Purchase committee and Finance rule of the University. Finance committee advises on the financial matters and on the policy matters relating to finance of the University. It considers the Budget, Annual statement, Statement of Accounts, Internal Audit etc.

The Purchase committee approves all purchases except the Books & Journals etc. and all the transactions guided by the Finance rule of the University.

3. Finance Committee:

Finance committee of the University is constituted as mentioned in the Statute 32 as per section 28 of Vidyasagar University Act. The names of the members of present Finance committee are as follows:

a) Prof. Ranjan Chakrabarti – Vice Chancellor and the Chairman of the committee.
b) Prof. Bidhan Chandra Patra – Dean, Science Faculty.
c) Prof. Tirthankar Das Purakayastha / Prof. Debashis Bandyopadhyay / Prof. Damodar Mishra – Dean, Faculty of Arts & Commerce.
d) Mr. Samir Kr. Ghosh / Mr. Kunal Kanti Jha – Accounts officer & Ex-officio Joint Secretary, Govt. of WB, State Govt. nominee.
e) Vacant – Nominee of the Court of Vidyasagar University.
f) Prof. Ashis Kumar Gupta – Nominee of the Executive council of Vidyasagar University.
g) CA Mr. Ananda Moy Sarkar – Finance officer and the Secretary of the committee

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No. of Meeting held from 01.04.2015 to 31.03.2016 = 06 (Six)

4. MECHANISM FOR ACCOUNTS, INTERNAL & EXTERNAL AUDIT:

- Transaction audit completed by the examiner of local accounts under Comptroller & Auditor General upto 2015-2016
- Accounts audit completed by the examiner of local accounts under Comptroller & Auditor General upto 2014-2015
- Accounts are ready for inspection by examiner of local accounts under Comptroller & Auditor General for 2015-2016
- Internal audit completed by the Audit Officer of our University upto the year 2015-2016

5. Maintenance grant/ Additional Maintenance grant:

Maintenance grant for payment of salary and additional Maintenance grants for recurring non-salary head are sanctioned by the State Government. It is found that there is always a deficit in salary grant and in additional maintenance grant (Non- salary) every year that hampers the development work of the University.

Utilization of State Govt. Grant (During the last Five Years)

Year	Head	State Govt. Grant Received	Actual Expenditure under this head
2011-12	i) Salary grant	160874006	165126667
	ii) Non salary addl.maint. grant	8983000	59542465
	iii) Other grant	30008746	30008746
2012-13	i) Salary grant	185015201	183742716
	ii) Non salary addl.maint. grant	9791000	110558818
	iii) Other grant	42372756	42372756
2013-14	i) Salary grant	240600580	240714495
	ii) Non salary addl.maint. grant	10672000	126818242
	iii) Other grant	45859645	45859645
2014-15	i) Salary grant	253029458	254098248
	ii) Non salary addl.maint. grant	8805000	136172204
	iii) Other grant	44862544	44862544
2015-16	i) Salary grant	256056801	256228622
	ii) Non salary addl.maint. grant	12326000	140857572
	iii) Other grant	25000000	25000000

6. GRANTS RECEIVED FROM UGC DURING XIITH PLAN:

On the basis of the recommendations of the Expert Committee and availability of the funds from the University Grant Commission (UGC) sanctioned Rs.571.70 lakh as adhoc allocation of grant under General Development Assistance Scheme, Equal opportunity Cell and Merged Scheme of XII Plan vides their letter F.No-68-1/2012 (SU-II), dated-

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31.08.2012. The item-wise break-up of allocation of fund, Grants received, work-in-progress and unitized amount was as under:

(Rs. in lakh)

Sl. No	Name of the Grants	Grants Received	Grants Approved	Grants Utilized	Work-in-Progress	Unutilized
01	Equal Opportunity Cell	0.50	0.50	0.50	NIL	NIL
02	General Plan Development Assistance Scheme	541.20	541.20	541.20	NIL	NIL
03	Merged Scheme	30.00	30.00	30.00	NIL	NIL
Total		**571.70**	**571.70**	**571.70**	**NIL**	**NIL**

It would be evident from the above table the University could utilize Rs. 571.70 lakh only, out of the adhoc grants of Rs. 571.70 lakh already sanctioned by the UGC under UGC XII Plan during the 2012-2017. As such, the University could utilize only 100 % upto 2015-2016.

7. PROJECTS & PROJECT GRANT:

As on 31/03/2016 total 67 projects are being run by the teachers of the University. The project grants sanctioned during last five years (2011-12 to 2015-16) are as follows:

Year	Total No. of Project	Total Expenditure (Rs.)
2011-12	58	19955380
2012-13	57	22705315
2013-14	62	27275945
2014-15	64	29772540
2015-16	67	31345444

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8. ANALYSIS OF BUDGET FOR THE YEAR 2015-2016:

BUDGET AT A GLANCE FOR THE YEAR 2015-2016

Head of A/c	Actuals 2014-2015 Rs.	Actuals 2015-2016 Rs.	Budget Estimate 2016-2017 Rs..	Revised Estimate 2016-2017 Rs.	Budget Estimate 2017-2018 Rs.
A. INCOME					
1. State Govt. (Pay & Allowances)	253029458	256056801	428976000	355400000	426480000
2. State Govt. Addl. Maint. Gr. (Non-Salary)	8805000	12326000	0	0	0
3. State Govt. Dev. Grant	44862544	25000000	275000000	220000000	220000000
4. U.G.C. Plan Grant	0	0	280000000	280000000	280000000
5. Other Grants	21305764	22806638	100000000	50000000	50000000
6. Other funds (UGC Non)	3137361	350748	18414000	13950000	13950000
7. Univ. Income except Courses with enhanced fees	100464273	104512528	96231800	110140000	119167000
8. Univ. Income from Courses with enhanced fees	179155351	180619341	226314000	199200000	201120000
9. Transfer from Dev. Fund	2403047	6634571	58212000	2300000	2300000
Total (A) :	**613162798**	**608306627**	**1483147800**	**1230990000**	**1313017000**
B. EXPENSES					
1. State Govt. (Pay & Allowances)	254098248	256228622	428976000	355400000	426480000
2. State Govt. Dev. Grant	44862544	25000000	275000000	220000000	220000000
3. U.G.C. Plan Grant	0	0	280000000	280000000	280000000
4. Other Fund Expenses	21305764	22806638	100000000	50000000	50000000
5. Expenses under Non-Salary head (against State Govt. Addl. Maint. Grant & Univ. Revenue)	136172204	140857572	198698500	168312600	181557600
6. Expenses against revenue Courses with enhanced fees	179155351	180619341	226314000	199200000	201120000
7. Other Grants	3137361	350748	18414000	13950000	13950000
8. Expenses from Dev. Fund	2403047	6634571	58212000	2300000	2300000

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Total (B) :	**641134519**	**632497492**	**1585614500**	**1289162600**	**1375407600**
C. DEFICIT / SURPLUS					
1. Excess of Expenditure over Income	**27971721**	**24190865**	**102466700**	**58172600**	**62390600**
2. Excess of Income over Expenditure					

9. **ACHIEVEMENTS**:

- Upto date Annual Accounts in Balance Sheet Form.
- Upto date Government Audit conducted by the Comptroller & Auditor General (CAG), Government of India.
- Upto date Internal Audit conducted by Audit Officer of the University and the said report also send to the Government.
- Speedy disposal of Bills/Papers.
- 100% Transparency in Financial Administration.
- Fully Computerised Accounts (Tally & FACT).
- All payments either through crossed cheque or bank transfer (ECS/RTGS).
- Most of the collection of Fees from the students through Online.
- Online distribution of Pay Slip.
- Minimization of volume of outstanding advances.
- Upto date Bank Reconciliation.
- Regular Interval Audit and Establishment of Financial discipline.
- Implementation of COSA (Computerisation of Salary Account).
- Upto date Audit replies to the quires raised by Comptroller of Auditor General (CAG), Government of India.
- Improvement of University's own resources.
- Improvement of Institutional Mechanism to monitor the effective and efficient use of Financial Resources.
- Online distribution of Departmental Notice, Circular and News.

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10. Annual Accounts for the year 2015-2016

a. Receipts and Payments Accounts for the year 2015-2016

Receipts	Amount	Amount	Payments	Amount	Amount
Opening Balance		**235507388.74**	**Current Liabilities**		**275027516.99**
Bank Accounts	*235388405.52*		Deduction From Others	*14137924.00*	
Cash-in-Hand	*118983.22*		DRS (SAP)-UGC	*2612328.00*	
Capital Account		**350000.00**	Fellowship	*16242838.00*	
Endowment Fund-Liabilities	*350000.00*		Other Deduction From Salary	*5628824.00*	
Current Liabilities		**398850167.88**	Other Funds Receipt	*124859180.71*	
Deduction From Others	*10891860.00*		Other Grants Receipts	*21858029.00*	
DRS (SAP)-UGC	*2760000.00*		Project-CSIR	*2289272.00*	
Fellowship	*11357145.00*		Project-ICMR	*989581.00*	
Other Deduction From Salary	*5780421.00*		Project ICSSR	*1095546.00*	
Other Funds Receipt	*248452083.88*		Project-Others	*633337.00*	
Other Grants Reciepts	*27429201.00*		Projects-DBT	*795457.00*	
Project-CSIR	*1701606.00*		Projects- DST	*4391622.00*	
Project-ICMR	*1196527.00*		Project- State Govt.	*209533.00*	
Project ICSSR	*116059.00*		Projects- UGC	*7586724.00*	
Project-Others	*831800.00*		Scholarship	*37840.00*	
Projects-DBT	*3667300.00*		State Govt. Grants	*21589651.28*	
Projects- DST	*8496944.00*		Statutory Deduction From Salary	*34828735.00*	
Project- State Govt.	*2812600.00*		UGC-Grants Reciepts	*11100.00*	
Projects- UGC	*6410331.00*		UGC-Grants-XIIth Plan	*14304455.00*	
Scholarship	*37840.00*		UGC-Unassinged Grant	*925540.00*	
State Govt. Grants	*31314282.00*		**Fixed Assets**		**50979700.00**
Statutory	*34713366.00*		Books &	*1060874.00*	

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Deduction From Salary			Journals		
UGC-Grants-XIIth Plan	*56669.00*		Building	*36020265.00*	
UGC Grants-XIth Plan	*768000.00*		Furniture & Fixture	*6847771.00*	
UGC-Unassinged Grant	*56133.00*		Plant & Machinery	*7050790.00*	
Fixed Assets		**708035.00**	**Investments**		**669961100.00**
Books & Journals	*109535.00*		*Endowment Fund- Investment*	*1067100.00*	
Plant & Machinery	*598500.00*		*Fixed Deposit*	*668894000.00*	
Investments		**611215100.00**	**Current Assets**		**38601990.00**
Endowment Fund-Investment	*717100.00*		Loans & Advances (Asset)	*38601990.00*	
Fixed Deposit	*610498000.00*		**Indirect Incomes**		**113821.00**
Current Assets		**9656616.00**	Fees From Courses with Enhanced Fees	*9000.00*	
Loans & Advances (Asset)	*9656616.00*		Fees From Student	*96990.00*	
Indirect Incomes		**394596684.78**	Other Fees From Students	*6331.00*	
Affiliation Fees	*16426285.00*		Other Receipts	*1500.00*	
Fees From Courses with Enhanced Fees	*5287035.00*		**Indirect Expenses**		**316579235.66**
Fees From Examination	*40423140.00*		Administrative Expenses	*25429813.00*	
Fees From Student	*16939956.00*		Computer Centre	*123769.00*	
Grants Received From State Govt.	*268382801.00*		Courses with Enhanced Fees	*75600.00*	
Other Fees From Students	*570334.00*		Educational Expenses	*2151409.00*	
Other Income for Development Purpose	*21560028.10*		Examination Expenses	*21933388.00*	
Other Receipts	*9007182.68*		Other Expenses	*9897019.66*	

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Pre & Post Examination Fees	*8967792.00*		Pay & Allowances	*222160958.00*	
Receipt From Computer Centre	*25000.00*		Repair & Maintenance	*12662884.00*	
Sale Proceeds	*2676601.00*		Student Services	*2657596.00*	
Students Services Fees	*4330530.00*		Supplier & Services	*19342449.00*	
Indirect Expenses		**582989.00**	University Publication	*144350.00*	
Administrative Expenses	*4500.00*		**Closing Balance**		**300203617.75**
Educational Expenses	*30565.00*		Bank Accounts	*300144869.53*	
Examination Expenses	*422408.00*		Cash-in-Hand	*58748.22*	
Other Expenses	*12979.00*				
Pay & Allowances	*2668.00*				
Repair & Maintenance	*93955.00*				
Supplier & Services	*15914.00*				
Total		**1651466981.40**	**Total**		**1651466981.40**

b. Income & Expenditure Accounts for the year 2015-2016

Particulars	Schedule	Amount	Amount	Particulars	Schedule	Amount	Amount
Indirect Expenses	**B**		**357557642.66**	**Indirect Incomes**	**A**		**394482863.78**
Administrative Expenses		*25971593.00*		Affiliation Fees		*16426285.00*	
Computer Centre		*123769.00*		Fees From Courses with Enhanced Fees		*16502375.00*	
Courses with Enhanced Fees		*75600.00*		Fees From Examination		*40423140.00*	
Depreciation on Fixed Assets		*40266544.00*		Fees From Student		*5618626.00*	
Educational Expenses		*2186490.00*		Grants Received From State Govt.		*268382801.00*	
Examination Expenses		*21724277.00*		Other Fees From Students		*564003.00*	
Other		*10078730.66*		Other		*21560028.10*	

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Expenses				Income for Development Purpose			
Pay & Allowances		*222158290.00*		Other Receipts		*9005682.68*	
Repair & Maintenance		*12691999.00*		Pre & Post Examination Fees		*8967792.00*	
Student Services		*2775565.00*		Reciept From Computer Centre		*25000.00*	
Supplier & Services		*19326535.00*		Sale Proceeds		*2676601.00*	
University Publication		*178250.00*		Students Services Fees		*4330530.00*	
Excess of Income over Expenditure			***36925221.12***				
Total			**394482863.78**	**Total**			**394482863.78**

c. Balance Sheet as on 31.03.2016

Liabilities	**Schedule**	**Amount**	**Amount**	**Assets**	**Schedule**	**Amount**	**Amount**
Capital Account	**H**		**1126157482.05**	**Fixed Assets**	**C**		**565852571.00**
Capital Fund		*976982753.64*		Books & Journals		*5822957.00*	
Employee's Provident Fund (Liabilities)		*297160.00*		Building		*386530188.00*	
Endowment Fund-Liabilities		*1329100.00*		Furniture & Fixture		*25411398.00*	
Provident Fund(Liabilities)		*147548468.41*		Land		*41634000.00*	
Current Liabilities	**I**		**504899618.11**	Motor Car		*1317207.00*	
Deduction From Others		*20076033.00*		Plant & Machinery		*105136821.00*	
DRS (SAP)-UGC		*2651754.00*		**Investments**	**D**		**637804917.41**
Fellowship		*11154000.00*		Employee's Provident Fund-EPFO		*297160.00*	
Other Funds Receipt		*361054328.44*		Endowment Fund-Investment		*1329100.00*	
Other Grants Receipts		*5571172.00*		Fixed Deposit		*488630189.00*	
Project-CSIR		*1201047.00*		Provident Fund - Treasury Accounts		*147548468.41*	

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Project-ICMR		*549743.00*		**Current Assets**			**427399611.75**
Project ICSSR		*220129.00*		Loans & Advances (Asset)	**E**	*82762400.00*	
Project-Others		*41663.00*		Cash-in-Hand	**F**	*58748.22*	
Projects-DBT		*3142455.00*		Bank Accounts	**G**	*300144869.53*	
Projects- DST		*8288182.00*		Receivable From UGC	**K**	*44433594.00*	
Project- State Govt.		*2267604.00*					
Projects-UGC		*7486586.00*					
State Govt. Grants		*62822070.77*					
Statutory Deduction From Salary		*1004525.90*					
UGC-Grants Receipts		*160374.00*					
UGC-Grants-XIIth Plan		*17207951.00*					
Total			**1631057100.16**	**Total**			**1631057100.16**

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OFFICE OF THE CONTROLLER OF EXAMINATIONS

U.G RESULTS OF THE FINAL EXAMINATIONS OF THE VIDYASAGAR UNIVERSITY FOR THE YEAR 2015

Sl. No.	Names of the Examination	No. of students	
		2015	
		Appeared	Passed
01	BACHELOR OF ARTS … HONOURS	9443	9000
02	BACHELOR OF SCIENCE … HONOURS	3342	3070
03	BACHELOR OF COMMERCE… HONOURS	545	532
04	BACHELOR OF ARTS … GENERAL	7587	6925
05	BACHELOR OF SCIENCE … GENERAL	721	687
06	BACHELOR OF COMMERCE… GENERAL	151	133
07	BACHELOR OF ARTS … MAJOR	20	20
08	BACHELOR OF SCIENCE … MAJOR	90	90
11	BACHELOR OF COMPUTER APPLICATION	177	117
Total		**22076**	**20574**

1. **Number of students appeared and passed in various Examinations (both UG and PG including that Distance Education conduct during period 2015-2016 April to March 2016)**

UG Examinations 2015

Name of Exams	No. of Candidates Appeared						No. of Candidates Passed						% of Passed Candidates					
	Male		Female		Total		Male		Female		Total		Male		Female		Total	
	SC	ST	SC	ST	SC	ST	SC	ST	SC	ST	SC	ST	SC	ST	SC	ST	SC	ST
B.A (Hons)	793	209	689	173	1482	382	752	195	667	168	1419	363	94.83	93.30	96.81	97.11	95.75	95.03
B.A (Gen)	474	219	582	230	1056	449	400	199	523	193	923	392	84.39	90.87	89.86	83.91	87.41	87.31
B.Sc (Hons)	178	23	86	10	264	33	161	20	80	09	241	29	90.45	86.96	93.02	90.00	91.29	87.88
B.Sc (Gen)	44	04	15	03	59	07	44	04	14	03	58	07	100	100	93.33	100	98.30	100
B.Com (Hons)	16	05	03	00	19	05	16	05	03	00	19	05	100	100	100	100	100	100
B.Com (Gen)	05	01	02	01	07	02	05	01	02	01	07	02	100	100	100	100	100	100

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Annual Report of the University Results of P.G Examinations – 2015

Sr.No	Subjects	Appeared	Passed
01	Economics	19	19
02	English	176	176
03	Bengali	554	549
04	Philosophy	129	119
05	Sanskrit	279	265
06	Santali	35	35
07	Commerce	72	65
08	Sociology	54	53
09	Political Science with R.A	82	80
10	Chemistry	133	133
11	History	172	172
12	A.M.T	26	26
13	M.C.A	40	40
14	Computer Science	54	54
15	Microbiology	31	31
16	Anthropology	25	25
17	Botany	54	54
18	Zoology	109	108
19	Physics	106	103
20	Electronics	22	21
21	Remote Sensing & GIS	39	39
22	Geography	83	83
23	Biotechnology	39	39
24	Human Physiology	38	38
25	Mathematics	113	107
26	Biomedical Lab-Science & Management	15	15
27	Nutrition	39	39
28	Bio-chemistry	16	16
29	Hindi	20	20
30	MBA	333	218
31	MSW	54	53
32	BLISC	31	31
33	MLISC	16	16
34	Education	31	31
35	M.Ed	35	35
36	Clinical nutritions	30	30
37	Quality Control(Diploma)	12	11
38	Phychology Counselling(Diploma)	12	12
	TOTAL	**3128**	**2961**

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Annual report of Post Graduate course for the year 2015

SL. NO	COURSE	TOTAL NO. OF STUDENTS APPEARED	TOTAL NO. OF STUDENTS PASSED	PASS %
01	Master of Arts (M.A)	1629	1597	98.4
02	Master of Science (M.Sc)	972	953	98.05
03	Master of Commerce (M.Com)	72	65	90.28
04	Master of Library Science (MLISC)	16	16	100
05	Master of Social Work (MSW)	54	53	98.15
06	Master of Business Administration (MBA)	342	335	97.95
07	Master of Computer Science (MCA)	26	26	100
08	Master of Political Science (M.Phil)	12	12	100

Postgraduate Courses Examination conducted

Course	Semester	Examination conducted
M.A	I to IV	04
M.Sc	I to IV	04
M.Com	I to IV	04
B.Lib	I to IV	04
M.Lib	I to IV	04
MSW	I to IV	04
MCA	I to IV	04
MBA(Regular)	I to IV	04
MBA(Distance learning)	I to IV	04
LLM	I to IV	04
M.Phil	I to III	03

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OFFICE OF THE INSPECTOR OF COLLEGES

01. Statement against students, teachers, Librarians, non-teaching employees of the colleges affiliated to this University:

Sl.No.	Name of the colleges	No. of students (1^{st} + 2^{nd} + 3^{rd} year Hons., Gen. & Voc.-for Gen. Deg. Colleges	Non. of teaching staff (full-time)	No. of Librarian/Asstt. Librarian etc.	No. of Non-teaching staff.
01	List enclosed (General, B.Ed, Law, Paramedical & Social Sc.)	1,18,085	973	24	683

02. Affiliated Colleges at a Glance :

a) Total no. of affiliated colleges : 96 (General Degree College-54, B. Ed. Colleges-32, Law Colleges-04, Paramedical colleges-04 and Social Science- 02)

b) No. of Govt. Colleges : 12

c) No. of Girls Colleges : 04 (General Degree Colleges-03 and B. Ed. College-01)

d) No. of Professional Colleges (B.Ed) : 32

e) No. of Law Colleges : 04

f) Other Colleges/Institutes with affiliated courses : 16

03. Courses offered by the Colleges:

a) No. of Colleges offering Hons. Courses (Science) : 38

b) No. of Colleges offering Hons. Courses (Arts & Com.) : 53

c) No. of Colleges offering Professional Courses : 40 (B.Ed-32, Law-04 & Paramedical-04)

d) No. of Colleges offering Law Courses : 04

e) No. of Colleges offering Paramedical Courses : 04

f) No. of Colleges offering Vocational Courses : 05

g) Others, if any : 02 (BSW & MSW)

04. New Courses started and discontinued during the year : Nil

05. No. of new subjects given affiliation during the year :03 (Defence Studies ; B. Voc. Courses in Health Care & Automobile

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			Maintenance & Servicing).
06.	Teachers retired during the period	:	N.A.
07.	Total No. of Principals of the affiliated Colleges during the period	:	18
08.	Total No. of Non-teaching staff during the period	:	683
09.	Other information, if any	:	24 Librarians.
10.	No. of Colleges inspected : a) Extension of affiliation Gen. Degree Colleges (Subject)	:	11

LIST OF AFFILIATED COLLEGES UNDER VIDYASAGAR UNIVERSITY

General Degree College:

Sl.	Name of the College	Sl.	Name of the College
1	The Principal/Teacher-in-Charge, Bajkul Milani Mahavidyalaya, P.O.: Kismat Bajkul, Dist : Purba Medinipur, PIN : 721 655.	2	The Principal/Teacher-in-Charge, Belda College, P.O.: Belda, Dist : Paschim Medinipur, PIN : 721 424.
3	The Principal/Teacher-in-Charge, Bhatter College, Dist: Paschim Medinipur, PIN : 721 426.	4	The Principal/Teacher-in-Charge, Chaipat Sahid Pradyot Bhattacharya Mahavidyalaya, Vill + P.O.: Chaipat, P.S.: Daspur, Dist : Paschim Medinipur, PIN : 721 148.
5	The Principal/Teacher-in-Charge, Chandrakona Vidyasagar Mahavidyalaya, P.O.: Chandrakona, Dist : Paschim Medinipur, PIN : 721 201.	6	The Principal/Teacher-in-Charge, Debra Thana S K S Mahavidyalaya, Gangaramchak, P.O.: Chak Shyampur, Dist: Paschim Medinipur, Pin : 721 124.
7	The Principal/Teacher-in-Charge, Deshapran Mahavidyalaya, At + P.O.: Durmuth, P.S.: Marishda, Dist : Purba Medinipur, PIN : 721 401.	8	The Principal/Teacher-in-Charge, Egra S. S. B. College, P.O.: Egra, Dist : Purba Medinipur, Dist : Purba Medinipur, PIN : 721 429.
9	The Principal/Teacher-in-Charge, Garhbeta College, P.O.: Garhbeta, Dist: Paschim Medinipur, PIN : 721 127.	10	The Principal/Teacher-in-Charge, Gourav Guin Memorial College, Chandrakona Road, P.O.: Satbankura, Dist : Paschim Medinipur, PIN : 721 253.
11	The Principal/Teacher-in-Charge, Hijli College, At- Kuchlachati, P.O.: Hijli Co-operative, Dist : Paschim Medinipur, PIN : 721 306.	12	The Principal/Teacher-in-Charge, K. D. College of Commerce & Gen. Studies, At + P.O.: Midnapore, Dist: Paschim Medinipur, PIN : 721 101.
13	The Principal/Teacher-in-Charge,	14	The Principal/Teacher-in-Charge,

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Kharagpur College, P.O.: Inda, Kharagpur, Dist : Paschim Medinipur, PIN : 721 305.

15 The Principal/Teacher-in-Charge, Maharaja Nanda Kumar Mahavidyalaya, At + P.O.:– Nandakumar, PIN : 721 632.

16 The Principal/Teacher-in-Charge, Mahishadal Girls' College, P.O.: Mahishadal, Dist : Purba Medinipur, PIN : 721 628.

17 The Principal/Teacher-in-Charge, Mahishadal Raj College, P.O.: Mahishadal, Dist : Purba Medinipur, PIN : 721 628.

18 The Principal/Teacher-in-Charge, Midnapore College, P.O.: Midnapore, Dist : Paschim Medinipur, PIN : 721 101.

19 The Principal/Teacher-in-Charge, Moyna College, P.O.: Moyna, Dist : Purba Medinipur, PIN :

20 The Principal/Teacher-in-Charge, Mugberia Gangadhar Mahavidyalaya, P.O.: Bhupatinagar, Dist : Purba Medinipur, PIN : 721 425.

21 The Principal/Teacher-in-Charge, Narajole Raj Collegle, P.O.: Narajole, Dist : Paschim Medinipur, PIN : 721 211.

22 The Principal/Teacher-in-Charge, Panskura Banamali College, P.O.: Panskura R. S., Dist : Purba Medinipur, PIN : 721 152.

23 The Principal/Teacher-in-Charge, Pingla Thana Mahavidyalaya, P.O.: Maligram, Dist : Paschim Medinipur, PIN : 721 140.

24 The Principal/Teacher-in-Charge, Prabhat Kumar College, At + P.O.: Contai, Dist : Purba Medinipur, PIN : 721 401.

25 The Principal/Teacher-in-Charge, Rabindra Bharati Mahavidyalaya, P.O.: Kolaghat, Dist: Purba Medinipur, PIN : 721 134.

26 The Principal/Teacher-in-Charge, Rabindra Satabarsiki Mahavidyalaya, At + P.O.: Ghatal, Dist : Paschim Medinipur, PIN : 721 211.

27 The Principal/Teacher-in-Charge, Raja N. L. Khan Womens' College, Gope Palace, P.O.: Vidyasagar University, Dist : Paschim Medinipur, PIN : 721 102.

28 The Principal/Teacher-in-Charge, Ramnagar College, P.O.: Depal, Dist : Purba Medinipur, PIN : 721 453.

29 The Principal/Teacher-in-Charge Sabang Sajani Kanta Mahavidyalaya, At P.O.: Lutunia,: Temathani, Dist : Paschim Medinipur, PIN : 721 166.

30 The Principal/Teacher-in-Charge Sankrail Anil Biswas Smriti Mahavidyalaya Kultikri, Dist : Paschim Medinipur, PIN : 721 135.

31 The Principal/Teacher-in-Charge, Santal Bidroha S. S. Mahavidyalaya, At + P.O.: Goaltore, Dist : Paschim Medinipur, PIN : 721 128

32 The Principal/Teacher-in-Charge, Seva Bharati Mahavidyalaya, P.O.: Kapgari, Dist : Paschim Medinipur, PIN : 721 505.

33 The Principal/Teacher-in-Charge, Siddhinath Mahavidyalaya, At + P.O.: Shyamsundarpur Patna, P.S.: Panskura, Dist: Purba Medinipur, PIN : 721 169.

34 The Principal/Teacher-in-Charge, Silda Chandra Sekhar College, P.O.: Silda, Dist : Paschim Medinipur, PIN : 721 515.

35 The Principal/Teacher-in-Charge, Sitananda College, At + P.O.: Nandigram, Dist : Purba Medinipur, PIN : 721 631.

36 The Principal/Teacher-in-Charge, Subarnarekha Mahavidyalaya, AT + P.O.: Gopiballavpur, Dist : Paschim Medinipur, PIN : 721 506

37 The Principal/Teacher-in-Charge, Sukumar Sengupta Mahavidyalaya, At + P.O.: Keshpur, Dist : Paschim Medinipur, PIN : 721 150

38 The Principal/Teacher-in-Charge, Swarnamoyee Jogendranath Mahavidyalaya, At + P.O.: Amdabad, P.S.: Nandigram, Dist : Purba

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Medinipur, PIN : 721 650.

39 The Principal/Teacher-in-Charge, Tamralipta Mahavidyalaya, P.O.: Tamluk, Dist : Purba Medinipur, PIN : 721 636.

40 The Principal/Teacher-in-Charge, Vivekananda Mission Mahavidyalaya, Viveknagaar, P.O.: Chaitannapur, Dist : Purba Medinipur, PIN : 721 645.

41 The Principal/Teacher-in-Charge, Vivekananda Satabarsiki Mahavidyalaya At + P.O.: Manikpara, Dist : Paschim Medinipur PIN : 721 513.

42 The Principal/Teacher-in-Charge, Y. S. Palpara Mahavidalaya, P.O.: Palpara,Dist: Purba Medinipur, PIN : 721 458.

43 The Principal/Teacher-in-Charge, Haldia Govt. College, P.O.: Debhog, Dist : Purba Medinipur,

44 The Principal/Teacher-in-Charge, Jhargram Raj College, P.O.: Jhargram, Dist : Paschim Medinipur, PIN : 721507.

45 The Officer-in-Charge, Lalgarh Govt. College, P.O.: Lalgarh, Dist : Paschim Medinipur, PIN : 721 516.

46 The Officer-in-Charge, Nayagram Pandit Raghunath Murmu Govt. College, P.O.: Baligeria, Dist : Paschim Medinipur, PIN : 721 125.

47 The Officer-in-Charge, Salboni Govt. College, At. : Koyma, P.O.: Bhimpur, Dist : Paschim Medinipur, PIN : 721 516.

48 The Officer-in-Charge, Govt. College, Dantan – II, At – Kashmuli,P.O.: Poralda, P.S.: Belda, Dist: Paschim Medinipur, PIN : 721 445

49 The Officer-in-Charge, Mohanpur Govt. College, At- Shirampur, P.O.: Sialsai, Dist: Paschim Medinipur, PIN: 721 436.

50 The Officer-in-Charge, Govt. College, Gopiballavpur – II, At + P.O.: Beliaberah, Dist: Paschim Medinipur, PIN : 721 517.

51 The Officer-in-Charge, Keshiary Govt. College, At – Telipukur P.O.: Tilaboni Dist : Paschim Medinipur, PIN : 721 135.

52 The Officer-in-Charge, Sahid Matangini Hazra Govt. College for Women At – Nimtouri, P.O.: Tamluk, Dist: Purba Medinipur, PIN : 721 649.

53 The Officer-in-Charge, Govt. College, Kharagpur-II, At – Ambigeria, P.O.: Madpur, Dist: Paschim Medinipur, PIN: 721 149.

54 The Officer-in-Charge, Jhargram Raj College (Girl's Wing), P.O.: Jhargram, Dist : Paschim Medinipur, PIN : 721 507.

List of B. Ed. Colleges affiliated to Vidyasagar University

Sl.	Name of the College
1	The Principal/Teacher-in-Charge, Bengal College of Teacher Education, Dhurabila, Dhamkuria, Chandrakona Town, Dist : Paschim Medinipur, PIN : 721 201.
2	The Principal/Teacher-in-Charge, Panskura Banamali College, P.O.: Panskura R. S., Dist : Purba Medinipur, PIN : 721 152.
3	The Principal/Teacher-in-Charge, Deshapran College of Teacher Education, Vill + P.O.: Aurai, P.S.:
4	The Principal/Teacher-in-Charge, Purba Medinipur B. Ed. College, At + P.O.: Chaitanyapur (Balughata Rd.),

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Cotai, Dist : Purba Medinipur, PIN : 721 401.

5 The Principal/Teacher-in-Charge, Dr. B. R. Ambedkar College (B.Ed.), At.+ P.O.: Malighati, P.S.: Debra, Dist : Paschim Medinipur, PIN : 721 211.

6 The Principal/Teacher-in-Charge, Ratulia Secondary Teachers' Training Institute, Vill : Kanakpur, P.O.: Naranda, Dist : Purba Medinipur, PIN : 721 139.

7 The Principal/Teacher-in-Charge, Kabi Sukanta Secondary Teachers' Training Institute, At.+ P.O.: Reapara, Dist: Purba Medinipur, PIN : 721 650.

8 The Principal/Teacher-in-Charge, Subhash Chandra Basu B.Ed. Training College, At : Jararnagar, P.O.: Heria, P.S.: Nandigram, Dist : Purba Medinipur, PIN : 721 430.

9 The Principal/Teacher-in-Charge, Kadambini Womens' College of Education, Garhbari, Bajkul, Dist : Purba Medinipur, PIN : 721 655.

10 The Principal/Teacher-in-Charge, Tamralipta Mahavidyalaya, P.O.: Tamluk, Dist : Purba Medinipur, PIN : 721 636.

11 The Principal/Teacher-in-Charge, Midnapore Institute of Education, Jharnadanga, Rangamati, P.O.: Midnapore, Dist : Paschim Medinipur, PIN : 721 101.

12 The Principal/Teacher-in-Charge, Vidyasagar Teachers' Training College, At + P.O.: Midnapore, Dist : Paschim Medinipur, PIN : 721 101.

13 The Principal/Teacher-in-Charge, Nandanpur Teachers' Training Institute, Vill : Nandanpur, P.O.: Sekendari Dist : Paschim Medinipur, PIN : 721 146.

14 The Principal/Teacher-in-Charge, Vivekjyoti College, Mechhogram, Panskura Dist : Purba Medinipur, PIN : 721 139.

15 The Principal/Teacher-in-Charge, Yogada Satsangha Palpara Mahavidyalaya, P.O.: Palpara, Dist : Purba Medinipur, PIN : 721 458.

16 The Principal, Sevayatan Sikshan Mahavidyalaya, P.O.: Sevayatan, Jhargram, Dist : Paschim Medinipur, PIN : 721 514.

17 The Principal/Teacher-in-Charge, Institute of Education, Haldia, Vill : Amlat, P.O.& P.S.: Sutahata, Dist : Purba Medinipur, PIN : 721 635.

18 The Principal, Dhamait Sikshak Sikshan Mahavidyalaya, At. : Dhamait, P.O.: Amdan, Dist : Purba Medinipur, PIN : 721 131.

19 The Principal/Teacher-in-Charge, Prabhat Kumar College, Contai, P.O.: Contai, Dist : Purba Medinipur, PIN : 721 401.

20 The Principal/Teacher-in-Charge, Rashbehari College of Education At. + P.O.: Patanda, P.S.: Panskura, P.O.: Purba Mediniur, PIN : 721 139.

21 The Principal/Teacher-in-Charge, Kharagpur Tribal B. Ed. Training College, Matkatpur, Dist : Paschim Medinipur, PIN : 721 305.

22 The Principal/Teacher-in-Charge, Vivekananda Mission Asram, Viveknagar, P.O.: Chaitanyapur, Dist : Purba Medinipur, PIN : 721 645.

23 The Principal/Teacher-in-Charge, Institute of Academic Excellence (B.Ed.), At- Imampatna, P.O.: Lohabaranchak, Dist : Paschim Medinipur, PIN : 721 439.

24 The Principal/Teacher-in-Charge Binoy Sadan B.Ed. College of Women in Social Action At+P.O.: Jhargram, Dist: Paschim Medinipur, PIN: 721 507.

25 The Principal/Teacher-in-Charge, Pratap Chandra College of Education, At- Gargaria, P.O.: Korlia, Dist : Paschim Medinipur, PIN : 721 506.

26 The Principal/Teacher-in-Charge, Vivekananda College of Education, At.- Bajkul, P.O.: Kismat Bajkul, Dist: Purba Medinipur, PIN: 721 655.

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27 The Principal/Teacher-in-Charge, Vidyasagar Teachers' Training Institute, At + P.O.: Akalpoush Dist : Paschim Medinipur, PIN : 721 156.

28 The Principal/Teacher-in-Charge, Excellent Model College for Teacher Education, At.- Chotodabcha, P.O.: Satbankura, Dist : Paschim Medinipur,PIN: 721 253.

29 The Principal/Teacher-in-Charge, Ramnagar B. Ed. College, P.O.: Depal, Ramnagar, Dist : Purba Medinipur, PIN : 721 453.

30 The Principal/Teacher-in-Charge, Rishi Aurabindo Institute of Teacher Education, At + P.O.: Panchkhuri, P.S.:Kotwali, Dist: Paschim Medinipur, PIN: 721 150

31 The Principal/Teacher-in-Charge, Anindita College for Teacher Education, At. : Nischintapur, P.O.: Bhadutola, Dist : Paschim Medinipur, PIN : 721 129.

32 The Principal/Teacher-in-Charge, Institute for Teacher Educatiion, P.O.: Dhamkuria, Dist : Paschim Medinipur, PIN : 721 201.

List of Law Colleges affiliated to Vidyasagar University

Sl.	Name of the College
1	The Principal/Teacher-in-Charge, Midnapore Law College, Rangamati, Midnapore, P.O.: Midnapore, Dist : Paschim Medinipur, PIN : 721 101.
2	The Principal/Teacher-in-Charge, Haldia Law College, ICARE Complex, Haldia, P.O.: Hatiberia, Dist : Purba Medinipur, PIN : 721 657.
3	The Principal/Teacher-in-Charge, Sarsuna Law College, 4/HB/A, Ho-Chi-Min Sarani, Sarsuna, Kolkata – 700 061.
4	MIES R. M. Law College, Sahebpara, Sonarpur, P.O.: Sonarpur, Kolkata – 700 150.

List of B. P. Ed Course affiliated colleges under Vidyasagar University

Sl.	Name of the College
1	Garhbeta College, P.O.: Garhbeta, Dist : Paschim Medinipur, PIN : 721 127.
2	Mugberis Gangadhar Mahavidyalaya, P.O.: Bhupatinagar, Dist : Purba Medinipur, PIN : 721 425.
3	Panskura Banamali College, P.O.: Panskura R. S., Dist: Purba Medinipur, PIN : 721 152.
4	Seva Bharati Mahavidyalaya, P.O.: Kapgari, Dist: Paschim Medinipur, PIN : 721 505.

List of M. P. Ed Course affiliated colleges under Vidyasagar University

01. Mugberia Gangadhar Mahavidyalaya,

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P.O.: Bhupatinagar,
Dist : Purba Medinipur,
PIN : 721 425.

List of M. Ed Course affiliated colleges under Vidyasagar University

01. Y. S. Palpara Mahavidyalaya,
P.O.: Palpara,
Dist: Purba Medinipur,
PIN : 721 458.

List of Colleges (PG course) affiliated to Vidyasagar University

1. Vidyasagar School of Social Work,
DD 18/4/1, Salt Lake, Kolkata – 700 064
&
Abhoy Ashram Campur,
Balarampur, Kharagpur,
Dist : Paschim Medinipur,
PIN : 721 301.

2. AMIK Institute of Management Science & Technology,
3 & 4 Kabiguru Sarani,
City Centre,
Durgapur,
Dist: Burdwan,
PIN : 713 216.

Paramedical Colleges affiliated to Vidyasagar University

01. The Principal/Teacher-in-Charge,
Haldia Institute of Health Sciences,
Haldia,
Purba Medinipur.

ICARE Complex, Haldia,
P.O.: Hatiberia,
Dist : Purba Medinipur,
PIN : 721 657.

02. The Principal/Teacher-in-Charge,
Vidyasagar Institute of Health,
Rangamati, Midnapore,
P.O.: Vidyasagar University,
Dist : Paschim Medinipur,
PIN : 721 102.

03. The Principal/Teacher-in-Charge,
Vivekananda Mission Ashram,

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Viveknagar,
P.O.: Chaitanyapur, Haldia
Dist : Purba Medinipur,
PIN : 721 645.

04. The Principal/Teacher-in-Charge,
Paramedical College, Durgapur,
Bidhannaar, Durgapur,
Dist : Burdwan,
PIN : 713 212.

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OFFICE OF THE DEAN OF STUDENTS' WELFARE

Placement Activity: Under the guidance of Dean of Students' Welfare, the placement cell consisting of different placement coordinators of respective departments invites various organizations to conduct campus recruitment for the interested students of VU. This cell facilitates all the interested students of VU to get employment through on campus or off campus. A partial list of the organizations who recruited our students are:Dream Bake Pvt. KINOVA Home Appliances, Ashadip Medical and Social Welfare Association , BHANDHAN Bank, Flipkart, Amazone, HRDC, Kotak Mahindra Bank, Manpower Group, Mak GeoTechnology Pvt, etcAround 360students' (approx) got selected in different organizations through on or off campus placement activities in this year. A Consultancy agencyCarrier Com appointed through tender for placement of Vidyasagar University students.

The University Sports Department Organized and conducted Inter College Foot Ball, Volley Ball, Cricket, Kho-Kho, Chess, Kabaddi,tournament and Athletics Meet etc. under the chairmanship of DSW. Students' Union organizes BasantaUtsav (Festival at spring time) in every academic seassion. It is very colorful, joyful and musical day. All teaching, non-teaching staff members, students and officers participate in the programme.

Cultural activities from April 2015 to March 2016.

The 17thInter College Cultural meet was held during October 7-8, 2015 in the University campus organized by DSWDept, VU. Total numbers of events were 22. 520 students from 30UG colleges and 15 PG Department.Participated in this competition.

31thEast Zone Inter Varsity Youth Festival 2015was organized by Tezpur, University, Tezpur Assam during January 03-07, 2016. The cultural team of our University Participated in this festival and secured 5 Prizes / Positions in the East Zone Inter Varsity Festival 2016.One participant of our University P. SaishreeParticited in the 31st All India Inter University Youth Festival 2015-2016 Organize by Mysore University, Karnatak during February 15-19, 2016 (Rangoli Competition)

Anti -Ragging information:

The University displayed the hoardings at all academic departments,union office, hostelsand other prominent places, For information, the name & E –mail address, mobile number of the Nodal Officer to whom the complaints of ragging can be made has also been displayed prominently foraccess of students and intimate to theanti-ragging committee immediately. Complaints received for the session 2015-16 is only one and the grievance has already been settled down by us.

Requirements of residential students of the university

A. Capacity of Hostels and Occupancy.

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- The University has two PG Girls' Hostels with the capacity of 180& 120 seats respectively and those are fully occupied.
- The University has two PG Boys' Hostels with the capacity of 182& 118 seats respectively and those are fully occupied.
- Women research scholars have been provided with single unit residential facility in the residential campus.

B. Recreational facilities in hostel

- Hostels are provided with facilities of playing Badminton and indoor games like Carrom, Chess and Ludoetc
- Facilities of playing Volley Ball and Cricket are also provided in PG Boys' Hostels.
- The university has a students' Amenity Centre for both Boys' and Girls' situated to very close the students' hostels where the residential students can avail the facility of Gymnasium equipped with multi-gym and good number of other exercise equipments.
- The university has Yoga trainer. The residential Coaching camp is also organised from to Time to time.
- Television with Digital TV connection and telephone are provided in the common rooms of the Hostels.
- The hostels are supplied of a number of daily newspapers and journals.

C. Broadband connectivity :

Computers with internet facility are provided in the hostels at Common Rooms

- Wi-Fi Facility is also available in all Hostels.

D. Medical facilities for students and staff in campus.

- The University has medical unit with one qualified medical officer (Contractual) and other Supporting Staff.
- One Ambulance is available inthe University campus24x7.

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OFFICE OF THE SECRETARY, FACULTY COUNCILS FOR POST GRADUATE STUDIES

Vidyasagar University started its academic activities during 7th plan period(1985) from the session 1985-1986 following an Act of the State Assembly to cater to the needs of higher education with special emphasis on the all-round development of the rural areas of the agro-based districts of Midnapore. The geographical area covered by this University is quite under-developed and that demands special attention on human resource development to improve socio-economic condition of the people of this region and so course have been designed so as to be helpful for achieving this goal.

The University started with six Post-Graduate Departments under Arts & Commerce and Science Faculty for the session 1985-1986 and in each designed course special stress was given on regional needs. Subsequently in 1989 & 1990, nine more PG. Course were added and here also special attention and weightage were duly given to the need of the locality and so various environmental requirements like Forestry, Fisheries, Health and Nutritional needs of the people and the technological requirements for industrial developments of the region were largely incorporated in the syllabi. In addition to fifteen PG Courses, Masters degree in Geography in 1995, M.C.A. in 1998, Microbiology and Electronics in 2001, PGLDT (late MLT, now Bio-Medical Laboratory Science & Management) and Masters degree in Computer Science in 2002, Remote Sensing & GIS and Aquaculture Management & Technology (new named as Fishery Science in 2014) in 2003 have been started. From 2005, Masters degree in Sanskrit, Sociology and Bio-Medical Laboratory Science & Management (a UGC innovative Programme) have been started. From 2006-2007, two-year M.B.A. Course has been started. All the above courses are running in Vidyasagar University Campus.

Post-Graduate Courses in Computer Science, Physics and Zoology were introduced at Panskura Banamali College, Midnapore College and Raja N.L. Khan Women's College respectively from the session 2004-05.Also M.A in Bengali at Khargapur College and M.Sc in Chemistry at Jhargram Raj College are running from the session 2005-2006. From the session 2006-2007 M.A. in Bengali at Tamralipta Mahavidyalaya, M.A. in Sanskrit Rabindra Satabarshiki Mahavidyalaya, Ghatal , M.Sc in Bio-Chemistry, M.Sc in Bio-Technology and M.Sc in Nutrition & Dietetics have been introduced off campus under VU. M.S.W Course and 1-year Diploma Course in Psychological Counselling are running at Vidyasagar School of Social Work, DD/18/4/1,Salt Lake City, Kolkata-700 064.from the academic year 1994-1995 and 2005-2006 respectively. 1-year Diploma Course in Office Automation and Internet Technologies has been started from the session 2008-09.M.S.W.course is also running at AMIK Institute of Management Science and Technology. 3&4 Kabiguru Sarani, City Centre, Durgapur. One year PG. Diploma Course in Applied Computer Science, Diploma Course in Advance Hardware and Networking Administration (6 months) and Certificate Course in Basic and Advanced Java (3 months) are running in V.U. in collaboration with CMC. One year Diploma Course in Office

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Automation and Internet Technologies is running in the University. M.A. in Santali and M.Sc in Nutrition& Dietetics have been started from the session 2009-2010&2010-11 respectively in the university. M.A in Hindi has been started from the session 2011-12.M.Sc in Clinical Nutrition& Dietetics and PG Diploma in Quality Control and Assurance in Microbial Technology have been started from the session 2012-13. M.Sc in Clinical Nutrition& Dietetics and PG Diploma in Quality Control and Assurance in Microbial Technology have been started from the session 2012-13. M.A. in Bengali in Midnapore College, Panskura Banamali College, Prabhat Kumar College, Vivekananda Mission Mahavidyalaya, Belda College and Egra Sarada Sashi Bhushan College, M.A. in English in Prabhat Kumar College, Belda College, M.A. in History in Panskura Banamali College, Tamralipta Mahavidyalaya, M.A. in Philosophy in Vivekananda Mission Mahavidyalaya, M.Sc. in Applied Mathematics in Midnapore College, Panskura Banamali College, M.Sc. in Chemistry in Mahishadal Raj College, Tamralipta Mahavidyalaya, M.Sc. in Zoology in Midnapore College, Tamralipta Mahavidyalaya, M.Sc. in Physics in Panskura Banamali College, M.A. / M.Sc. in Geography in Panskura Banamali College, M.A. in Sanskrit in Bajkul Milani Mahavidyalaya , M.A. in Education in Sevayatan Sikshan Mahavidyalaya have been started from the academic session 2013-2014. M.A. in Bengali in Pingla Thana Mahavidyalaya, M.Ed in Yogada Satsanga Palpara Mahavidyalaya, M.P.Ed in Mugberia Gangadhar Mahavidyalay, M.A. in History and M.Com. in Vivekananda Mission Mahavidyalaya have been started from the academic session 2014-2015. M.Sc in Chemistry & Chemical Technology, Geography and Environment Management in Haldia Govt. College, Botany, Physiology in Midnapore College have been started from the academic session 2015-16. M.A. in English, Political Science and History in Midnapore College, English in Mahishadal Raj College, Master of Social Work in Mahishadal Girls' College have been started from the academic session 2015-16. M.Sc. in Applied Mathematics has been started in Mahishadal Raj College and Ghatal Rabindra Satabarshiki Mahavidyalaya from the academic session 2015-16. M.Phil Programmes in Bengali, Economics, Hindi, History, Philosophy and Santali have been started from the academic session 2015-16.

The P.G. courses are taught in the following affiliated colleges / institutions:

1. Midnapore College : Bengali-52, English-40, History-50, Sanskrit-42, Political Science -50, Applied Mathematics- 22, Botany – 20, Chemistry-27, Physics-22,Physiology – 20, Zoology-22
2. Jhargram Raj College : Bengali-32, Chemistry-22, Zoology-22
3. Kharagpur College : Bengali-52
4. Tamralipta Mahavidyalaya : Bengali,-52 , History-42,Sanskrit-42, Zoology-22
5. R.N.L.Khan Women's College : Zoology-24
6. Ghatal Rabindra Satabarshiki Mahavidyalaya : Bengali-47 Sanskrit-57, English -40, Applied Mathematics- 20
7. Panskura Banamali College : Bengali-42, History-42, Applied Mathematics-27,Chemistry-27, Computer Science-22, Geography-22, Physics-22
8. Prabhat Kumar College,Contai : Bengali-42, English-42, Sanskrit-42, Commerce – 42, Physics-22
9. Belda College : Bengali – 52, English – 52

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10. Egra S.S.B. Mahavidyalaya : Bengali – 42
11. Mahishadal Raj College : Bengali-42, English – 40, Chemistry – 22, Applied Mathematics- 20
12. Vivekananda Mission Mahavidyalaya : Bengali -37, History-32, Philosophy – 32, Commerce-32,
13. Bajkul Milani Mahavidyalaya : Sanskrit – 42
14. Bhatter College, Dantan : Rural Management- 32
15. Sevayatan Sikshan Mahavidyalaya : Education – 42
16. Mugberia Gangadhar Mahavidyalay : M.P.Ed – 40
17. Yogada Satsanga Palpara Mahavidyalaya : M.Ed. – 35
18. Pingla Thana Mahavidyalaya: Bengali -42, Commerce – 22
19. Mahishadal Girls' College : MSW -40
20. Haldia Govt. College : Chemistry and Chemical Technology -20, Geography and Environment Management -20
21. Oriental Institute of Science & Technology : Biochemistry-62, Biotechnology-62
22. Vidyasagar Institute of Health : Nutrition & Dietetics -42
23. Vidyasagar School of Social Work: Master of Social Work – 52, Psychological Counselling-27
24. AMIK, Institute of Management Science & Technology Durgapur : Master of Social Work -52
25. Haldia Law College : LLM- 25
26. Eastern Institute for Integrated Learning in Management : MBA- 360

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STUDENTS OF P.G. COURSES FOR THE ACADEMIC YEAR 2015-16
Arts & Commerce

Subject	Gen		SC		ST		OBC-A		OBC-B		Total		Grand Total
	M	F	M	F	M	F	M	F	M	F	M	F	
Bengali	36	82	27	28	6	9	4	6	7	13	80	138	218
English	50	73	25	27	8	6	5	5	12	11	100	122	222
Hindi	4	20	-	3	-	1	-	1	-	-	4	25	29
History	54	60	37	17	10	6	11	-	12	12	124	95	219
Pol. Science	61	48	30	10	8	4	7	2	14	3	120	67	187
Philosophy	44	84	22	21	5	11	4	4	14	7	89	127	216
Economics	13	25	1	1	-	-	-	-	-	-	14	26	40
Sociology	21	70	4	8	1	1	-	2	3	6	29	87	116
Sanskrit	25	74	23	32	5	6	2	7	12	11	67	130	197
Santali	-	5	1	-	69	26	-	-	1	2	71	33	104
B. LISc	24	16	10	4	5	2	1	1	6	7	46	30	76
M.LISc	9	7	6	1	-	2	-	-	3	4	18	14	32
Commerce	95	34	13	-	2	1	3	-	24	2	137	37	174
MBA	49	22	6	-	2	-	5	1	4	-	66	23	89
TOTAL	**485**	**620**	**205**	**152**	**121**	**75**	**42**	**29**	**112**	**78**	**965**	**954**	**1919**

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STUDENTS OF P.G. COURSES FOR THE ACADEMIC YEAR 2015-16
Science

Subject	Gen		SC		ST		OBC-A		OBC-B		Total		Grand Total
	M	F	M	F	M	F	M	F	M	F	M	F	
Anthropology	21	36	1	4	1	1	1	2	6	9	30	52	82
Applied Mathematics.	73	16	28	8	3	-	7	2	14	4	125	40	165
Bio-Med. Lab. Sc. & Management	10	31	1	-	-	-	-	-	1	-	12	31	43
Botany	28	36	21	6	1	2	4	2	6	9	60	55	115
Chemistry	49	19	26	4	1	-	6	-	9	2	91	25	116
Computer Sc	32	30	1	1	-	1	-	-	4	2	37	34	71
Electronics	32	17	-	-	-	-	2	-	2	3	36	20	56
Fisheries Science	29	25	3	2	2	-	1	-	4	1	39	28	67
Geography	37	29	24	13	3	3	3	3	16	4	83	52	135
Human Physiology	24	29	10	8	1	1	1	3	4	6	40	47	87
Microbiology	19	34	-	2	1	1	-	3	3	4	23	44	67
MCA	56	34	5	1	1	1	6	2	17	3	85	31	116
Clinical Nutrition & Dietetics	4	37	2	11	-	1	-	4	-	6	6	59	65
Physics	54	12	22	4	2	1	3	1	11	6	92	24	116
Remote Sensing & GIS	36	24	12	6	3	-	5	2	6	1	62	33	95
Zoology	27	29	10	10	1	2	3	1	5	8	46	50	96
Quality Control & Assurance in Microbial Technology	10	5	-	2	1	-	-	-	-	1	11	8	19
Total	**541**	**443**	**166**	**82**	**21**	**14**	**42**	**25**	**108**	**69**	**878**	**633**	**1511**

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MEETING OF THE PG BOARD OF STUDIES IN ARTS & COMMERCE FACULTY FOR THE PERIOD FROM APRIL, 2015 TO MARCH, 2016

SL. NO.	*SUBJECT*	*DATES OF MEETING*
1.	Bengali	24.04.15,16.10.15,16.03.16
2	Economics	21.04.15,08.10.15,10.03.16
3	English	07.04.15, 08.10.15,14.03.16
4	Hindi	08.04.15, 07.10.15,28.03.16
5	History	07.04.15,01.10.15,16.02.16
6	Philosophy	23.04.15,13.10.15,25.02 .16
7	Political Science	07.04.15,23.09.15,15.03.16
8	Sanskrit	08.04.15,07.10.15
9	Santali	22.04.15,16.10.15,15.03.16
10	Sociology	22.04.15, 06.10.15,
11	Bachelor of Library & Information Science / Master of Library & Information Science	20.04.15, 13.10.15,15.03.16
12	Commerce	24.04.15, 01.10.15, 17.03 16
13	MBA	20.04.15, 12.05.15, 17.11.15, 02.02.16, 16.03.16
14	Master of Social Work (MSW)	07.05.15,18.11.15,22.02.16,29.03.16
15	Master of Law (LLM)	27.04.15,.05.10.15
16	Psychological Counselling	07.05.15
17	Rural management	06.05.15,01.12.15
18	Education	08.05.15,04.11.15
19	M.Ed	08.05.15
20	M.P.Ed	27.11.15
21	Mass Communication & Videography	21.05.15

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MEETINGS OF THE PG BOARD OF STUDIES IN SCIENCE FACULTY FOR THE PERIOD FROM APRIL, 2015 TO MARCH, 2016

SL. N0.	*SUBJECT*	*DATES OF MEETING*
1	Anthropology	08.04.15,23.09.15,16.03.16
2	Applied Mathematics	20.04.15,15.10.15,18.02.16
3	Aquaculture Management & Technology	16.04.15,03.11.15,14.03.16
4	Bio-Medical Laboratory Science & Management	13.04.15,07.10.15,21.03.16
5	Botany	17.04.15, 30.10.15,17.03 .16
6	Chemistry	27.04.15,21.05.15,11.06.15,05.10.15,09.03.16
7	Clinical Nutrition & Dietetics	17.04.15,05.10.15,15.03 .16
8	Computer Science	22.04.15,08.10.15,23.02.16,11.03.16
9	Electronics	09.04.15,28.10.15,11.03 16,31.03.16
10	Geography	16.04.15, 22.09.15, 21.03 .16
11	Human Physiology	16.04.15,14.10.15,14.03.16,
12	MCA	22.04.15,08.10.15,23.02.16,11.03.16
13	Microbiology	04.05.15,16.10.15,18.03.16
14	Quality Control & Assurance in Microbial Technology	04.05.15,27.11.15,18.03.16
15	Physics	23.04.15,01.10.15,11.03.16
16	Remote Sensing & GIS	16.04.15,13.10.15,29.03.16
17	Zoology	17.04.15,30.10.15,17.03.16
18	Biochemistry	24.04.15,14.10.15,
19	Biotechnology	22.04.15, 30.09.15
20	Nutrition & Dietetics	17.04.15, 07.10.15

MEETINGS OF THE FACULTY COUNCILS FOR ARTS & COMMERCE

(April, 2015 to March,2016)

DATE – 20.05.15, 06.07.15

MEETINGS OF THE FACULTY COUNCILS FOR SCIENCE

(April,2015 to March,2016)

DATE –26.05.15, 06.07.15

MEETINGS OF JOINT FACULTY COUNCILS FOR ARTS & COMMERCE AND SCIENCE

(April, 2015 to March, 2016)

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DATES –10.04.15, 26.05.15

SEATS FOR STUDENTS OF V.U. (**60% of total seats**)
FOR THE ACADEMIC YEAR-2015-16
Reservation : SC-22 %, ST-06 % , PWD -3% of each category
ARTS AND COMMERCE

Sl.No.	*Subject*	*V.U.*	*GEN/PWD*	*SC*	*ST*	*OBC-A*	*OBC-B*
1	Bengali	67	42/01	14	04	03	03
2	English	67	42/01	14	04	03	03
3	History	67	42/01	14	04	03	03
4	Pol. Science	58	36/01	12	03	03	03
5	Philosophy	67	42/01	14	04	03	03
6	Economics	42	26/01	09	02	02	02
7	Sociology	39	24/01	08	02	02	02
8	Sanskrit	61	38/01	13	03	03	03
9	Santali	33	20/01	06	02	02	02
10	Hindi	33	20/01	06	02	02	02
11	Commerce	61	38/01	13	03	03	03

- PwD – Persons with Disability

** No seat for PwD in SC, ST, OBC-A & OBC-B category

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SEATS FOR OPEN COMPETITION (OC) (**40% of total seats**)

ARTS AND COMMERCE

Sl.No.	*Subject*	*0.C.*	*GEN/PWD*	*SC/PWD*	*ST /PWD*	*OBC-A*	*OBC-B*
1	Bengali	43	28/01	09	03	01	01
2	English	43	28/01	09	03	01	01
3	History	43	28/01	09	03	01	01
4	Pol. Science.	37	24/01	08	02	01	01
5	Philosophy	43	28/01	09	03	01	01
6	Economics	27	17/01	06	01	01	01
7	Sociology	25	16/01	05	01	01	01
8	Sanskrit	39	25/01	09	02	01	01
9	Santali	21	14/Nil	04	01	01	01
10	Hindi	21	14/Nil	04	01	01	01
11	Commerce	39	25/01	09	02	01	01

- PWD – Persons with Disability

** No seat for PWD in SC, ST, OBC-A & OBC-B category

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SEATS FOR STUDENTS OF V.U.(**60% of total seats**)
FOR THE ACADEMIC YEAR-2015-16

SCIENCE

Reservation :- SC-22 %, ST-06 % PWD -3% of each category

Sl. No.	Subject	V.U.	GEN/PWD	SC	ST	OBC-A	OBC-B
1	Anthropology	33	20/01	06	02	02	02
2	Applied Mathematics	51	32/01	11	03	02	02
3	Fisheries Science	21	12/Nil	04	01	02	02
4	Bio-Medical Lab. Sc & Management.	21	12/Nil	04	01	02	02
5	Botany	36	22/01	07	02	02	02
6	Chemistry	36	22/01	07	02	02	02
7	Computer Science	24	14/Nil	05	01	02	02
8	Electronics	18	10/Nil	03	01	02	02
9	Geography	42	26/01	09	02	02	02
10	Physiology	27	16/01	05	01	02	02
11	Microbiology	21	12/Nil	04	01	02	02
12	Clinical Nutrition & Dietetics	21	12/Nil	04	01	02	02
13	Physics	36	22/01	07	02	02	02
14	RS & GIS	30	18/01	06	01	02	02
15	Zoology	30	18/01	06	01	02	02
16	Quality Control & Assurance in Microbial Technology	12	06/Nil	02	01	02	01

PwD – Persons with Disability
No seat for PwD in SC, ST, OBC-A & OBC-B category

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SEATS FOR OPEN COMPETITION(OC) (**40% of total seats**)
FOR THE ACADEMIC YEAR-2015-16

Reservation :- SC-22 %, ST-06 % PWD -3% of each category

SCIENCE

Sl.No.	Subject	O.C.	GEN/PwD	SC	ST	OBC-A	OBC-B
1	Anthropology	21	14/Nil	04	01	01	01
2	Appl. Math.	33	21/01	07	02	01	01
3	Fisheries Science	13	08/Nil	03	01	01	--
4	Bio-Medical Lab. Sc & Management	13	08/Nil	03	01	01	--
5	Botany	23	15/Nil	05	01	01	01
6	Chemistry	23	15/Nil	05	01	01	01
7	Computer Science	15	10/Nil	03	01	01	--
8	Electronics	11	07/Nil	02	01	01	--
9	Geography	27	17/01	06	01	01	01
10	Human Physiology	17	11/Nil	04	01	01	--
11	Microbiology	13	08/Nil	03	01	01	--
12	Clinical Nutrition & Dietetics	13	08/Nil	03	01	01	--
13	Physics	23	15/Nil	05	01	01	01
14	Remote Sensing & GIS	19	12/Nil	04	01	01	01
15	Zoology	19	12/Nil	04	01	01	01
16	Quality Control & Assurance in Microbial Technology	07	04/Nil	01	01	01	--

- PwD – Persons with Disability
- No seat for PwD in SC, ST, OBC-A & OBC-B category

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Members of Faculty Council of Arts & Commerce

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Members of Faculty Council of Science

1. Hon'ble Vice-Chancellor- Chairman, 2.Prof. Bidhan Ch. Patra, Dean, Faculty of Science 3.Prof. Dinen Roy Chowdhury, Deptt. of Zoology, University of Calcutta, 4.Prof. Susanta Chakraborty ,5. Prof. Somenath Roy ,6.Prof. Prakash Ch. Dhara, 7. Prof. Bikash Ranjan Pati, 8. Prof. Paresh Ch. Jana, 9. Prof. Radha Raman Pal, 10. Prof.Syed Sirajul Islam, 11 Prof. Debidas Ghosh, 12. Prof. Falguni Chakraborty, 13.Prof. Madhumangal Pal ,14.Prof. Braja Gopal Bag, 15.Prof. Subrata Kr. De, 16.Prof. Jayanta Kr. Kundu, 17.Prof. Chandradipa Ghosh,18.Prof. Abhijit Guha 19.Prof. Kaushik Sankar Bose 20.Teacher-in-Charge, Deptt. of Anthropology 21.Head, Deptt. of Applied Mathematics, 22.Teacher-in-Charge, Deptt. of Aquaculture Management & Technology,23.Teacher-in-Charge, Deptt. of Bio-Med. Lab. Sc. & Management 24.Head, Deptt. of Botany 25.Teacher-in-Charge, Deptt. of Chemistry 26.Course Co-ordinator, Computer Science 27.Course Co-ordinator, MCA28.Head, Deptt. of Electronics 29.Head, Deptt. of Geography 30.Head, Deptt. of Human Physiology 31.Head, Deptt. of Microbiology 32.Head, Deptt. of Physics 34.Head, Deptt. of Remote Sensing & GIS 35.Head, Deptt. of Zoology

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OFFICE OF THE SECRETARY, COUNCIL OF UNDERGRADUATE STUDIES

Activities of the Council for U.G. Studies for the period (2015-2016)

Course Related Activities

A. New Subject Introduce : No: 01
Name: Defense Studies

B. Following New Revised Syllabus Introduce from the Session 2015-16

1. B.Ed, B.P.Ed, Spl.B.Ed (VI) Syllabus
   i. B.Ed (2Yr. Course)
   ii. B.P.Ed (2Yr. Course)
   iii. Spl.B.Ed (VI) (2Yr. Course)
2. New Revised Syllabus of LLB;
   i. LLB (3Yr.) Course
   ii. BA.LLB (H) (5Yr.) Course

Academic Calendar and Meeting of Board of Studies Related Activities

a) Academic Calendar For UG. Colleges for the Session (2015-2016)
b) Dates of Meeting for UG.Board of Studies from April 2015-March 2016

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a) Academic Calendar For UG. Colleges for the Session[BA/B Sc/B Com: Honours/Major/General]For the academic session 2015-2016

1st Term 01.07.2015 to 14.11.2015

Month	No. of Week to Academic Session	Dates in the Week	Holidays	No. of no class Days	No. of days available for holding Class/Exam.	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)
July-2015	1st	July (1-4)	Nil	Nil	4 days	
	2nd	July (5-11)	05.07.2015 (Sunday)	1 day	6 days	
	3rd	July (12-18)	12.07.2015 (Sunday) 18-07-2015 (Rathajatra& Id-Ul-Fitre)	2 days	5 days	**13.07.2015-** Commencement of 1st year B.A./B.Sc./B.Com classes.
	4th	July (19-25)	19.07.2015 (Sunday)	1 day	6 days	**21.07.2015-**Starting day of admission of 2nd& 3rd year B.A/B.Sc./B.Com students.
July – August 2015	5th	July 26 – Aug - 01	26.07.2015 (Sunday)	1 day	6 days	**27.07.2015-** Commencement of 2nd& 3rd year B.A/B.Sc /B.Com classes. **31.07.2015** - Last date of Admission of 1ST year B.A./B.Sc./B.Com students
August - 2015	6th	August (2-8)	02.08.2015 (Sunday)	1 day	6 days	

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	7th	August (09-15)	09.08.2015 (Sunday) 15.08.2015 (Independence day)	2 days	5 days	**14.08.2015** – Last date of **change of subjects** for 1st year B.A./B.Sc./ B.Com students
	8th	August (16-22)	16.08.2015 (Sunday)	1 day	6 days	**18.08.2015** - Last date of submission of academic auditing report to V.U.
	9th	August (23-29)	23.08.2015 (Sunday)	1 day	6 days	**28.08.2015** – Last date of **Admission for 2nd& 3rd year** B.A./B.Sc./B.Com students. **29.08.2015**-Last date of **filling up ofRegistration forms** for 1st year B.A./B.Sc./B.Com students.
August – September – 2015	10th	August 30- Sept- 05	30.08.2015 (Sunday) 05-09-2015 (Janmastami)	2 days	5 days	**04.9.2015** – Last date of **submission ofTeachers' Bio data** to Vidyasagar University.
September – 2015	11th	September (06-12)	06.09.2015 (Sunday)	1 day	6 days	1st week of September Inter College Cultural Meet.

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	12th	September (13-19)	13.09.2015 (Sunday)	1 day	6 days	
	13th	September (20-26)	20.09.2015 (Sunday) 25.09.2015 (Id-Uz-Zuha)	2 days	5 days	**23.09.2015** – Last date of **submission ofregistration form** to Vidyasagar University by the college for 1st Year B.A./B.Sc./B.Com students.**Withoutfine.**
Sept. – Oct. - 2015	14th	Sept.-27 Oct. - 03	27.09.2015 (Sunday) 29.09.2015 (University Foundation Day) 02.10.2015 (Gandhiji's Birth Day)	3 days	4 days	
October-2015	15th	October (04-10)	04.10.2015 (Sunday)	1 day	6 days	
	16th	October(11-17)	11.10.2015 (Sunday) 12.10.2015 (Mahalaya)	2 days	5 days	**16.10.2015** – Last date of **submission ofregistration form** to Vidyasagar University by the college for 1st Year B.A./B.Sc./B.Com students **with fine**.
	17th	October(18-24)	18.10.2015 (Sunday) 19-10-2015 -24-10-2015 (Puja Holiday) 24.10.2015 (Muharram)	7 days	Nil	Puja Holidays
October-2015	18th	October (25-31)	25.10.2015 (Sunday) 25.10.2015-31.10.2015 (Puja Holiday)	7 days	Nil	Puja Holidays

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November-2015	19th	November (1-7)	01.11.2015 (Sunday) 01.11.2015-07.11.2015(Puja Holiday)	7 days	Nil	Puja Holidays
November-2015	20th	November (08-14)	08.11.2015 (Sunday) 08.11.2015-13.11.2015 (Puja Holiday/Kalipuja-Bhatridwitya)	6 days	1 day	Puja Holidays
				49 Days	**88 Days**	

2nd Term 15.11.2015 to 01.01.2016

November-2015	21th	November (15-21)	15.11.2015 (Sunday)	1 day	6 days	
	22st	November (22-28)	22.11.2015 (Sunday) 25.11.2015 (Guru Nanak's Birthday)	2 days	5 days	***Internal Assessment Test for Part-I Hons to be held***
November-December 2015	23rd	Nov-29-Dec-05	29.11.2015 (Sunday)	1 day	6 days	**30.11.2015** – Last date of **submission** of **registration form** to Vidyasagar University by the college for 1st Year B.A./B.Sc./B.Com students **with super delay fine.**
December 2015	24th	December (06-12)	06.12.2015 (Sunday)	1 day	6 days	
	25th	December (13-19)	13.12.2015 (Sunday)	1 day	6 days	***Internal Assessment Test for Part-II Hons to be held***

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	26th	December (20-26)	20.12.2015 (Sunday) 24.12.2015 (Fateha-duaz-daham) 25.12.2015 to 26.12.2015 (Winter Recess) 25.12.2015 (Christmas Day)	4 days	3 days	***Internal Assessment Test for Part-III Hons to be held***
Dec -2015 Jan- 2016	27th (Part)	Dec- 27– Jan - 01	27.12.2015 to 01.01.2016 (Winter Recess)	6 days	Nil	
				16 Days	**32 Days**	

3rd Term 02.01.2016 to 30.06.2016

Month	No. of Week to Academic Session	Dates in the Week	Holidays	No. of no Class Days	No. of days available for holding Class/Exam.	Remarks
January-2016	27th (Part)	January 2	Nil	Nil	1 day	
	28th	January (3-9)	03.01.2016 (Sunday)	1 day	6 days	
	29th	January (10-16)	10.01.2016 (Sunday) 12.01.2016 (Swami Vivekanada's Birthday) 15.01.2016 (PousShankranti)	3 days	4 days	
	30th	January (17-23)	17.01.2016(Sunday) 23.01.2016(Netaji Birth	2 days	5days	***Internal Assessment Test for Part-III Hons to be***

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			Day)			***held***
	31st	January(24-30)	24.01.2016(Sunday) 26.01.2016(RepublicDay)	2 days	5days	
January-February 2016	32nd	January -31 - February -06	31.01.2016(Sunday)	1 day	6 days	***Internal Assessment Test for Part-III General to be held***
February-2016	33rd	February (07-13)	07.02.2016 (Sunday) 13.02.2016(Saraswati Puja)	2 days	5 days	
	34th	February (14-20)	14.02.2016(Saraswati Puja) 14.02.2016 (Sunday)	2 days	5 days	
	35th	February (21-27)	21.02.2016(Sunday)	1 day	6 days	**05.03.2016**-Closing of 3rd Year B.A./B.Sc./B.Com classes. ***Internal Assessment Test for Part-II Hons to be held***
February-March-2016	36th	February 28-March 05	28.02.2016 (Sunday)	1 day	6 days	***Internal Assessment Test for Part-I Hons& Part-II General to be held***
March-2016	37th	March (06-12)	06.03.2016 (Sunday)	1 day	6 days	***Internal Assessment Test for Part-I General to be held***
	38th	March (13-19)	13.03.2016 (Sunday)	1 day	6 days	
	39th	March (20-26)	20.03.2016 (Sunday) 23-24.03.2016 (Doljatra) 25.03.2016 (Good Friday)	4 days	3 days	**22.03.2016**-Closing of 1st& 2nd year B.A./B.Sc./B.Com Classes.
March-April-2016	40th	March 27- April 02	27.03.2016 (Sunday)	1 day	6 days	

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April - 2016	41st	April (03-09)	03.04.2016 (Sunday)	1 day	6 days	
	42nd	April (10-16)	10.04.2016 (Sunday) 14.04.2016 (Birth Day of Dr.BR Ambedkar) 13.04.2016 (ChaitraShankranti) 14.04.2016 (Bangla NabaBarsha)	3 days	4 days	
	43rd	April (17-23)	17.04.2016 (Sunday)	1 day	6 days	
April – 2016	44th	April – (24-30)	24.04.2016 (Sunday)	1 day	6 days	
May - 2016	45th	May(01-07)	01.05.2016 (Sunday) & (May Day)	1 day	6 days	
	46th	May(8-14)	8.05.2016(Sunday) 08.05.2016 (Rabindranath's Birth Day)	1 day	6 days	
	47th	May(15-21)	15.05.2016 (Sunday 16.05.2016-21.05.2016 (Summer recess)	7 days	__	Exam., administrative work, academic task, etc.
	48th	May (22-28)	22.05.2016 (Sunday) 22.05.2016-28.05.2016 (Summer recess)	7 days	__	Exam., administrative work, academic task, etc.
May – June-2016	49th	May-29- June-04	29.06.2016 (Sunday) 29.05.2016-04.06.2016 (Summer recess)	7 days	__	Exam., administrative work, academic task, etc.
June-2016	50th	June (05-11)	05.06.2016 (Sunday) 05.06.2016-11.06.2016 (Summer recess)	7 days	__	Exam., administrative work, academic task, etc.

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	51st	June(12-18)	12.06.2016 (Sunday) 12.06.2016- 18.06.2016 (Summer recess)	7 days	__	Exam., administrative work, academic task, etc.
	52nd	June(19-25)	19.06.2016 (Sunday) 19.06.2016-25.06.2016 (Summer recess)	7 days	__	Exam., administrative work, academic task, etc.
	53rd	June(26-30)	26.06.2016 (Sunday) 26.06.2016-30.06.2016 (Summer recess)	5 days	__	Exam., administrative work, academic task, etc.
				77days	**102 days**	

 # Total no. of days available for holding classes/examination: 88+32+102= 222 days.
Principal/Teacher –in-Charge(s) are requested to follow the academic calendar strictly. Any deviation from the specified list of holidays will not be allowed unless prior approval is obtained from the Secretary, U.G. Council, Vidyasagar University.
This academic calendar is provisional.

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b) Dates of Meeting for Undergraduate Board of Studies (2015-2016)[Subject Wise]

Sl.No	Subject	Date of Meeting			
		1st Meeting	2nd Meeting	3rd Meeting	Extnd.
1.	Agro Service	27.01.16			
2.	Anthropology	12.02.16			
3.	Aqua Culture Mgt	27.01.16			
4.	Automobile Maintenance	22.01.16			
5.	B.Ed	08.12.15			
6.	B.P.Ed	08.12.15			
7.	B.S.W	03.12.15			
8.	BCA	11.01.16		09.07.15	
9.	Bengali	19.01.16	15.03.16	07.04.15	
10.	Biochemistry				
11.	Biotechnology	19.01.16			
12.	Botany	15.02.16			
13.	Chemistry	20.01.16	13.04.15		
14.	Commerce	28.01.16			
15.	Computer Science	21.01.16			
16.	Economics	19.01.16			
17.	Education	11.01.16			
18.	Electronics	20.01.16			
19.	English	05.02.16			
20.	Environmental Studies	29.01.16	18.02.16		
21.	Geography	22.01.16			
22.	Hindi	21.01.16			
23.	History	19.01.16	09.02.16		
24.	Human Rights Education	23.02.16			
25.	Industrial Chemistry	28.01.16			
26.	Industrial Fish & Fisheries	18.02.16			
27.	L.L.B	11.12.16		25.05.15	
28.	Marketing Management	09.02.16			
29.	Mathematics	17.12.16			
30.	Microbiology	22.01.16			
31.	Military Science	08.05.15			
32.	Music	04.02.16			
33.	Nutrition		22.03.16		
34.	Office Management & Sec. Prac.	16.02.16			
35.	Paramedical	07.01.16	16.03.16	09.07.15	

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36.	Philosophy	21.01.16			
37.	Physical Education	28.01.16			
38.	Physics	22.01.16			
39.	Physiology	22.12.15			
40.	Political Science	02.02.16			
41.	Sanskrit	27.01.16			
42.	Santali	20.01.16			
43.	Sociology	28.01.16			
44.	Spl.B.Ed	23.12.15	08.04.15	17.07.15	
45.	Statistics	21.01.16			
46.	Tourism & Travel Management	20.01.16			
47.	Zoology	28.12.15	04.01.16		

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OFFICE OF THE DEVELOPMENT OFFICER

Different activities of the department in the period 2015-2016

1. Initiated the work to install Lightening arrestor above the different buildings, amounting Rs.25-30 lakh.
2. The proposal to construct 100 bed Research Scholars' Hostel was approved and sent to PWD for vetting
3. The proposal to construct Boundary wall for Girls' Hostel and also quarter for the Superintendent was sent to Zilla Parishad for vetting.
4. The proposal to construct 02(two) surface drains inside the university was sent to Zilla Parishad for vetting.
5. Repair and renovation work of Old Science Building proposal was sent to PWD for vetting.
6. Resolutions were taken to construct a multistoried (G+5) building for Performing Arts beside The Silver Jubilee Building. Bank, Post Office and some other Offices will be shifted to the ground floor of this proposed building.
7. Various Extension activities were considered and financial assistance was given to:-

(i) Prof. Braja Gopal Bag for his project titled "*Food Processing, Preservation and Packaging".*

(ii) Prof. Arindam Gupta& Dr Tarak Nath Sahu for his project titled "*Inculcating Savings Culture & Basic Financial Literacy among the people of Jungal Mahal*"

(iii)Prof. Bidhan Chandra Patra for his project titled" *Eco-Friendly Fishing Methods*"

(iv) Prof. Jayanta Kumar Kundu for his project titled" *Ethnographic Awareness on the Life & Culture of Ethnic Community at Jungal Mahal*.

(v) Dr. Amal Kumar Mondal for his project titled" *Socioeconomic Importance and Utilization of Eulaliposis Binata in Tribal South Bengal for better Economic Development".*

(vi) Dr. Pradeep Kumar Das for his project titled"*Improvement of livelihood of Tribal People through Utilization & Cultivation of Mushroom in Jungal Mahal.*

(vii) Dr. Manoj Kumar Pati for his project titled"*Empowerment of Tribal People of Jungal Mahal of Midnapore through Community based Aquaculture Intervention.*

(viii) Prof. Subrata Kumar Dey for his project titled"*Green Bio-resource Generation through Local Women Participation within Vidtasagar University Campus*.

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(ix) Prof, Prakash C Dhara for his project titled "Awareness& Training Programme on Occupational Health Hazards & their Managements for the Male & Female Agricultural Workers"

(x) Dr. Dipak Midya for his project titled"*Awareness of Health and Sanitation in Jungal Mahal"*

(xi) Mr. Arindam Bhattacharya for his project titled "*Awareness and Literacy Programme on Computer and Internet Technology.*

UNASSIGNED GRANT SANCTIONED DURING - 2015-2016:

1. INTERNATIONAL TRAVEL GRANT (ABROAD):

Sl. No.	Name & Designation	Department	Con/Seminar/ Work-shop attended / date/ place/ duration etc.	Place, Date & Duration
1.	Dr. Indranil Acharya Associate Professor,	English	International conference on " The 31st South-Asian Languages Analysis Roundtable."	at Lacchester University , U.K., during 14-16 May, 2015
2.	Dr. Sankar Kr. Roy Associate Professor	Mathematics	International conference on "Continuous Optimization (ORSC/ EURO- 2015"	at Sanghai University, China, during 10-12 May, 2015
3.	Dr. Prakash Ch. Dhara Professor	Physiology	International conference on "6th Congress of European Microbiological Scientists"	at Kualamlampur, Malaysia, during 19-20 August, 2015
4.	Dr. Chhanda Ghoshal Associate Professor	Bengali	The 4th International conference of Bengal Studies (ICBS)	at Tokyo University, Tokyo, 12-13 December, 2015
5.	Dr.T. D. Purakayastha Professor	English	The 2nd International conference on language, literature and society	at Bankok, Thailand, during 18- 19 January, 2016

2. NATIONAL TRAVEL GRANT (WITHIN INDIA) - 2015-2016:

Sl. No.	Name and Designation	Department	Conf./Workshop/Seminar/ etc.	Place, Date & Duration
1.	Prof. Rajkumar Kothari Professor	Political Science	Three day National conference organized by Indian Political Science Association.	at Varanasi, Banaras Hindu University, during 25- 27 Oct. 2015.

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2.	Dr. Amal Kr. Mondal Associate Professor	Botany	One International conference on "Indian Association for Angiosperm Taxonomy (IAAT-2015)	at University of Calicut, Kerala, during 19-21 Nov. 2015
3.	Dr. Sujata Maiti (Choudhury) Associate Professor	Physiology	National symposia on "103rd Indian Science Congress."	at University of Mysore, Mysore, during 3-7 Jan. 2016
4.	Ms. Dipanwita Dutta Assistant Professor	Remote Sensing & GIS	One International conference on "Geo-Engineering and climate change Technologies for sustainable Environmental Management."	at Motilal Nehru National Institute of Technology, Allahabad, during 09-11 Oct. 2015
5.	Dr. Asmita Bhattacharyya Assistant Professor	Sociology	The International conference	at IIM, Kolkata, during 15-17 Oct. 2015
6.	Dr. Surojit Ghosh Assistant Professor	Physics	A symposium of the 60th Dept. of Atomic Energy Solid State Physics (DAE-SSPS-2015)	at Amity University, Kolkata, during 21-25 Dec. 2015
7.	Dr. Monanjali Bandyopadhyay Assistant Professor	Bengali	A national Seminar on " Khana's sayings play Pivotal Role in Agricultural Extension in Bengali."	at Visva-Varati University, Birbhum, during 14-15 Nov. 2015
8.	Prof. Subrata Kr. De Professor, Zoology	Zoology	103rd Indian Science Congress	at University of Mysore, Mysore, during 3-7 Jan. 2016
9.	Sabari Pramanik Assistant Professor	Computer Science	103rd Indian Science Congress	at University of Mysore, Mysore, during 3-7 Jan. 2016
10.	Dr. Debashish Biswas Assistant Professor	MBA	"Small Tea cultivation in India and the future ahead: A case study from West Bengal region."	at IIM, Raipur, during 21-22 Dec. 2015
11.	Dr. Chandradipa Ghosh Professor	Physiology	"FIPSPHYSICN-2015"	at Calcutta University, Kolkata during 18-20 Dec. 2015
12.	Mr. Kousik Ghosh Assistant Professor	Geography	28th IGI Conference	at North Eastern Hilly University, Shillong, during 29-31 Oct. 2015
13.	Dr. Ramkrishna Maiti Associate Professor	Geography	28th IGI Conference	at North Eastern Hilly University, Shillong, during 29-31 Oct. 2015
14.	Dr. Madhumangal Pal, Professor	Mathematics	A National conference on "Advances in Mathematical Sciences"	at Guahati University, Assam during 21- 23 Dec. 2015

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15.	Dr. Abhijit Sinha Assistant Professor	Commerce	The 5th International Management Convention 2016	at Asian School Business Management, Bhubaneswar, during 15-16 Jan. 2016
16.	Dr. Arindam Gupta Assistant Professor	Commerce	SIMSR International finance conference SIFICO 2016	at SIMSR, Mumbai during 8-9 January 2016
17.	Prof. S.A. H. Moinuddin Professor	Sociology	41st Conference of Indian Sociological Society.	at KIIT, Bhubaneswar, Odisha during 27-29 Dec. 2015
18.	Dr. Chandrima Chakraborty Assistant Professor	Economics	52nd Annual Conference of the Indian Economics Society.	at Kojhikode, Kerala during 4-6 March 2016
19.	Dr. Basudev Mondal Assistant Professor	Aquaculture	The International conference on "Aquatic Resources and Sustainable Management".	at Science City, Kolkata during 17-19 Feb. 2016
20.	Dr. Bidyarthi Dutta Assistant Professor	Library	The International Conference on "Science of Human Learning."	at India International Centre, New Delhi during 4-6 Jan. 2016
21.	Dr. Rajendra Prasad Ghosh Assistant Professor.	Electronics	The International Conference Microm-16 to present the paper "Multiband wearable Antennas."	at NIT, Durgapur during 23-25 Jan. 2016.
22.	Dr. Joydev Maity Assistant Professor	Aquaculture	The International conference on "Aquatic Resources and Sustainable Management".	at Science City, Kolkata durnig 17-19 Feb. 2016
23.	Mr. Sajal Das University Engineer V.U	Engineering Dept.	To attend one day National Seminar on "Information and Communication Technology (ICT) in University Governance.	at JNU, New Delhi on 30 Jan. 2016.
24.	Dr. Sujaya Sarkar Associate Professor	History	For participation in the Indian History Congress: entitled "Journal of the Asiatic Society of of Bengal and Geological Studies in Colonial India (1832- 1850)	at University of Gour Banga, Malda, WB.during 27-29 Dec. 2015.
25.	Mr. Shymaprasad De Assistant Professor	History	For participation in the Indian History Congress: entitled Floods of 1926 at the Sub-Division of Ghatal in Midnapore an analyst.	at University of Gour Banga, Malda, WB.during 27-29 Dec. 2015.

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26.	Mr. Utpal Nandi Assistant Professor	Computer Centre	1st International Conference on "Intelligent Computing and Communication 2016 (ICIC^2 2016)	at Kalyani University Nadia during 18-19 Feb. 2016.
27.	Dr.Shymal Kr. Mondal Associate Professor	Mathematics	The National Conference on "Computational Mathematics and Nonlinear Dynamics."	at Visva-Varati University, Birbhum, during 19-21 Feb. 2016
28.	Dr. Dipak Kr. Midya Associate Professor	Anthropology	For participation to the Indian Anthropology Congress.	at Assam University, Assam during 21-23 Feb. 2016
29.	Mr. Yasin Khan Assistant Professor	Political Science	The International Seminar on "Human Rights in India: Current Issues and Challenges"	29-30 March, 2016 at Annamalai University, Tamilnadu
30.	Dr. Priyanka Halder Assistant Professor	Zoology	National Young Scientists Meet Conference.	at Calcutta University, Kolkata during 05-06 Feb. Dec. 2016
31.	Ms. Susmita Bala Assistant Professor	Electronics	National Conference on "Materials, Devices and Circuits in Communication Technology (MDECT-2016)	at University of Burdwan, WB during 19-20 Feb. 2016
32.	Mr. Biswapati Jana Assistant Professor	Computer Science	1st International Conference on "Intelligent Computing and Communication 2016 (ICIC2 2016)	at Kalyani University Nadia during 18-19 Feb. 2016.
33.	Dr. Nilanjana Das Chatterjee Asst. Prof.	Geography	9th International Geographical Union (IGU) Conference on Land Use, Climate Extremes and Disaster Risk Reduction.	18-20 March, 2016 at Shaheed Bhagat Singh College, University of Delhi.
34.	Dr. Prakash Karmakar Asst. Prof.	Botany	National Seminar on "Plant and Microbe: Diversity and Utilization"	19-20 March, 2016 at Visva- Bharati, WB
35	Dr. Sujit Kr. Pal Asst. Prof.	Bengali	International Conference on "Globalization and Bengali Literature"	2nd March, 2016 Surendranath College for Women, Kolkata

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3. CONFERENCE/ SEMINAR / SYMPOSIA / CONGRESS etc. - 2015-2016

Sl. No.	Name of the Department /Convener	Name of the Programme	Date/ Duration
1.	Commerce with FM Dr. Samir Ghosh	14 day workshop on "Research Methodology"	June- July 2015, at VU campus
2.	Commerce with FM Dr. Samir Ghosh	Two day departmental seminar	4-5 Feb. 2016 at VU campus
3.	Botany & Forestry Dr. Amal Kr. Mondal	Two day National Seminar on "Medicinal Plants (NSMP- 2016)	16-17 Feb. 2016, at VU
4.	Physics Prof. Radha Raman Pal	7th Vidyasagar Satyendranath Bose National workshop 2016 on "Theory and application of Advanced Materials (TAAM-2016)	22-24 March, 2016, at VU
5	Mathematics Dr. Dilip Kr.Maiti	Two day National Conference on "Optimization and Computational Mathematics."	1-2 March, 2016 At VU campus
6.	Geography Mr. Koushik Ghosh	Two day National Seminar on "Contextualizing Issues in Applied Geography."	4-5 March, 2016 At VU campus
7.	Microbiology Dr. Debdulal Banerjee	Two day National Seminar on "Microbiology in 21st Century."	29-1st March, 2016, At VU campus
8.	Sanskrit Mr.Uttam Biswas	Two day National seminar on "Science and Technology in Sanskrit Literature."	29-30 March, 2016, At VU campus
9.	Political Science Dr. Ambarish Mukherjee	Two day National Seminar on "Issues in Contemporary Political Thoughts: Justice Ecology and Identity."	16-17 March, 2016, At VU campus
10.	Computer Centre Sri Sunil Ch. Mallik	Two day in-houseworkshop on "Application and Deployment of E-learning Platform in University: Module."	09-10 March, 2016, At VU campus
11.	Philosophy Sri Ramdas Sirkar	One day National Seminar on "Philosophy of Mind: Indian and Western Perspectives."	10th Jan, 2016, At VU campus
12.	MBA Dr. Sudin Bag	Two day International Seminar on "Dynamic Evolution of Management Paradigm."	26-27 Feb. 2016, At VU campus
13.	Chemistry Dr. Braja Gopal Bag	Two- day National Seminar on “Food Processing, Packaging (FPPP1422)”	during 29 Feb. - 1 March, 2016, At VU campus
14.	Computer Science Prof. Radha Raman Pal	Two day National Seminar on “Advanced Computation, Algorithm and Security (ACAS-2016)”	during 29-30 March, 2016, At VU campus

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15.	Hindi Prof. Damodar Mishra	Two day National Seminar on "Bhishmasahani Ki Srijansilata"	during 16- 17 March, 2016, At VU campus
16.	Sociology Dr. Asmita Bhattacharya	One day International Seminar on "Contemporary discourses on Qualitative Approaches in Social Sciences."	28 March, 2016,At VU campus
17.	Library & Information Science Smt. Smita Sett	Two day National Seminar on "Present scenario of public library and its impact on the society with special reference to West Bengal"	during 28-29 March, 2016, At VU campus
18.	English Prof. Debashis Bandyopadhay	One day National Seminar on "Children's Literature: Modes and meanings" on 31st March, 2016	March 17, 2015,At VU campus
19.	Anthropology Dr. Sovanjan Sarkar	Two day state level Seminar on "Anthropology of Music."	30-31 March, 2016, At VU campus
20.	Physiology Dr. Chandradipa Ghosh	Two day National Seminar on "Trends of Physiological Researches from Laboratory to Community" during 30-31 March, 2016	30-31 March, 2016, At VU campus
21.	Santali Dr. Ratan Hembram	Two day National Seminar on "Importance of Santali Magazine in present Scenario"	18- 19 March, 2016, At VU campus
22	Mouli Mishra OSD	One day workshop on "Translation of History Texts."	31 March, 2016, at VU
23	VUOA Sri Sunil Ch. Mallik	Two day workshop on "University-Industry Interface: Problems, Paradoxes and Possibilities"	30-31 March, 2016, at VU

4.1. INNOVATIVE RESEARCH PROGRAMME (Science):

Sl. No.	Name of the Faculty/ Organizer	Name of the Programme
1.	Prof. Prakash Ch. Dhara Coordinator (Science)	Natural and Bio-resource management in Jangalmahal areas of West Bengal
2.	Dr. Chandradipa Ghosh Physiology	Identification of Biodegradation and Bioremediation Properties of Certain Soil Bacteria: A Metagenomic Approach.
3.	Dr. Sandip Kr. Sinha Physiology	Evaluation of new soluble dietary fibres on nicotine induced lipoprotein metabolism in rat model.
4.	Dr. Satyajit Saha Physics	Structural, Optical, Electrical and Optoelectronic properties of vacuum evaporated thin films of CdTe and Bridgeman grown CdTe crystal.
5	Dr. Surajit Ghosh Physics	Synthesis and Characterization of Different Reduced Graphene Oxide Based Composite as Light Harvestin Materials.
6.	Prof. Radha Raman Pal Physics	Design, Synthesis and Characterization of Light diffusers for LED lights and LED tube lights.

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7.	Mr. Raghu Nandan Giri Mathematics	Economic Lot-Sizing Models for substitutable Products with Two-ways and One-way substitution in Different Environments.
8.	Mr. Ganesh Ghorai Mathematics	Fuzzy Graph.
9.	Dr. Sudipta Dalai Chemistry	Coordination polymers with transition and/ or main group metal ions: Synthesis, structure and luminescence study.
10.	Dr. Subal Chandra Manna Chemistry	Syntheses, Crystal structures, spectral properties and fluorescence sensing behavior of N/O coordinating ligands and their 3d metal complexes: A combined experimental and theoretical (DFT/TD-DFT) studies.
11.	Mr. Kausik Ghosh Geography	Dynamics of sandy braided landform of the lower Teesta River, West Bengal.
12.	Dr. Ramkrishna Maiti Geography	Rain Water Harvesting in Vidyasagar University Campus- An Assessment of the Necessity and Feasibility.
13.	Dr. Utpal Roy Geography	Health, healthcare and their relation to physical and socio-economic environment: A case study in Midnapore Area.
14.	Prof. Jayanta Kumar Kundu Zoology	Cadmium toxicity and its remedies by herbal and homeopathic extracts
15.	Dr. Joydev Maity Aquaculture	Seasonal Availability of marine molluscan fauna found at Digha coast of West Bengal, India and studies their nutritional value.
16.	Dr. Basudev Mandal Aquaculture	Impact of industrial effluents on internal organ of fin fishes in the Haldi River of West Bengal
17.	Dr. Prakash Karmakar Botany	Studies in the Reproductive Ecology of Clerodendrun viscosum Vent an important medicinal plant
18.	Dr. P.K.Das Mohapatra Microbiology	Production of industrially important enzyme: Protease from soil bacteria.
19.	Dr. Dipak Midya Anthropology	Maoist Extremism, Tribal Life and their Survival Strategy within Junglemahal, Paschim Medinipur, West Bengal.
20.	Dr. Dipanwita Dutta Remote Sensing & GIS	Analysing the Environmental Impact of Urban Growth in Delhi and its Peri- Urban Areas using Multi Temporal Satellite Datasets.
21.	Mrs. Sanchita Pramanik Electronics	Investigators of single mode conventional and photonic nano optical fibers and associated devices.
22	Mr. Rajendra Prasad Ghosh Electronics	Study on Effects of Cell Tower Radiation on Agricultural Products.
23	Mr. Sutanu Dutta Electronics	Performance of a Metal- Semiconductor Diode in Temperature Sensing.
24	Mr. Mukta Majumder Computer Centre	Designing a drug- disease database and prediction of remedy in homeopathy for selective diseases from online user review and discussion forum corpus
25	Mr. Biswapati Jana Computer Science	Solution of some security problem using image steganographic techniques.

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26	Mr. Utpal Nandi Computer Science	BOS Automation System
27	Mr. Tanmoy Chakraborty Computer Science	PubIndia: A Quantitative Analysis of Indian Research Publication.
28	Mrs. Sabari Pramanik Computer Science	DNA Cryptography in Desktop based high performance computer environment
29	Mr. Prabhash Kumar Singh Computer Science	Development of Genetic Algorithm and its application
30	Dr. Debesh Ch Bhattacharya Microbiology	Isolation, enrichment & characterization of local bacterial strains capable of biodegradation of phthalate isomers

4.2. INNOVATIVE RESEARCH PROGRAMME (Humanities):

Sl. No.	Name of the Faculty/ Organizer	Name of the Programme
1.	Prof. T. D. Purkayastha Coordinator (Humanities)	Study of the Adivasi Society and Culture
2.	Dr. Sebak kr. Jana Economics	Economic Impact Analysis of Some Schemes Implemented Under the MGNREGS for Improving Productivity of Tribal Households in Nayagram Block in Jungle Mahal in West Bengal.
3.	Dr. Nivedita Bhattacharyya Sahu Library & Information Science	Documentation of writings on Numismatics published in Asiatic Researches and Journal of the Asiatic Society of Bengal during the Nineteenth Century.
4.	Dr. Asmita Bhattachayya Sociology	Prospects of Growth of IT/ ITES in urban periphery: A Sociological study of Growth of IT-ITES sector in an urban periphery of West Bengal
5.	Shewli Dutta Philosophy	Self-Knowledge from Self-Identity: A Philosophical Possibility
6.	Dr. Tapan De Philosophy	Vivekananda on the Convergence of Science and Vedanta: A Critical Analysis
7	Dr. Sujit Kr. Pal Bengali	Murshidabad Jelar Domkal Ancholer Kathya Bangla Bhasha: Bhashatattwik Porjobekshan.
8	Dr. Chhanda Ghosal Bengali	Paschimbanger bipanna janagosthi Khari, tader bhasa O sanskriti
9	Dr. Ajay Kr. Mishra Sanskrit	Prithivi Shukha mein Lokdrishti.
10	Dr. Munni Gupta Hindi	Hindi Aur Bangla Ki Stree Aatmakthayen: Asmita Ka Swaroop
11	Dr. Sanjoy Jayswal Hindi	Samakalin Hindi Adiwasi Kavita Me Samajik Chetana.

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4. APPOINTMENT OF VISITING PROFESSOR / VISITING FELLOW- 2015-2016

Sl. No.	Name of the VP/ VF & Designation	Duration of visit
1	Prof. H. R. Tiwari Former Prof., IIT Kharagpur Sociology	Two week 02.11.15- 08.11.15 & 23.11.15 - 29.11.15
2	Prof. Anup Kr. Mondal HoD & Project Manager CAGL, RGCA, MPEDA, Govt.of India Aquaculture	One week 23.11.15- 29.11.15
3	Dr. Sekhar Chakraborty Former, Director in Charge, NICED, Kolkata Physiology	Three week 22 Feb. to 13 March 2016

5. EXTENSION LECTURE DURING- 2015-2016

Sl. No.	Department	Name of the Speaker
1.	Chemistry	Prof.Satrajit Adhikari
2.	Microbiology	
3.	History	Prof. Arun Bandopadhyay
4.	B M LT	Prof. Antony Gomes
5.	English	Dr. Aparajita Hazra
6.	Commerce	Dr. Pulakesh Maiti, Sumit Binani
7	Geography	Prof. Sutapa Mukhopadhaya
8	Physiology	Prof. Ananta Ghosh Prasanta Kr. Maiti Prof. Tushar Kanti Ghosh Dr. Mahitosh Mondal
9	Library & Information Science	Mr. Rudreswar Mishra
10	Chemistry	Prof.Satrajit Adhikari
11	Microbiology	
12	History	Prof. Arun Bandopadhyay

6. PUBLICATION OF DEPARTMENTAL ANNUAL JOURNAL- 2015-2016

Sl. No.	Department	Annual Journal 2014-2015
1.	History	Departmental Journal
2.	Mathematics	Departmental Journal
3.	Geography	Departmental Journal
4.	Philosophy	Departmental Journal
5.	Commerce	Departmental Journal

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7. PUBLICATION OF SEMINAR PROCEEDINGS/ RESEARCH WORK/ Ph.D. THESIS/ BOOK- 2015-2016

Sl. No.	Name of the Author/Editor & Designation	Name of the Thesis/Publication/Book etc.
1	Dr. Sebak Kr. Jana Asst. Prof. (Economics)	Contemporary Issues of Economic Development in India
2	Mr. Biplab Mandal Asst. Prof. Zoology	Baneoftion filariasis in four slums of Banking, West Bengal, India

8. RTI Cell:

Total Applicant	Answer Given	Pending
209	150	59

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OFFICE OF THE UNIVERSITY ENGINEER

Physical Progress of civil and electrical works in terms of percentage completion in the Vidyasagar University, Midnapore

Sl. No	Name of the Work	Tender No/ Work order No.	Estimated Amount (Rs.)	Bill value (Rs.)	Remarks
1	Construction of moorum based pathway from new boys hostel to Gate No. -3 in vidyasagar University campus.	VU/R/T/02 (c)/ 2015-16 Dt. 24-04-2015	2,82,311.00	2,20,118.00	Completed
2	Construction of computer table with 19 mm thick B.W.R. ply with lamination & polishing including supply of key board for the deptt. of Basic Facility for women in Vidyasagar University campus.	VU/R/T/01 (c)/ 2015-16 Dt. 21-04-2015 VU/UE/WO/06 (c) / 2015-16 Dt. 02-06-2015	3,63,140.00	3,63,140.00	Completed
3	Sinking of new deep tube well in the residential campus of Vidyasagar University. (University Fund)	VU/UE/WO/47/B (c) / 2015-16 Dt. 23-12-2015	9,00,000.00	8,51,653.26	Completed
4	Lab. Working table with one side drawer including door & lock with 19 mm thick B.W.R. ply with lamination & teak wood frame in the dept. of Chemistry at Vidyasagar University campus.	VU/R/T/05 (c) / 2015-16 Dt. 12-05-2015 VU/UE/WO/08(c) / 2015-16 Dt. 01-07-2015	1,38,354.00	1,37,662.00	Completed
5	Table for instrument making with 19 mm thick B.W.R. ply & teak wood frame in the dept. of Chemistry at Vidyasagar University campus.	VU/R/T/05 (c) / 2015-16 Dt. 12-05-2015 VU/UE/WO/09(c) / 2015-16 Dt. 01-07-2015	1,16,472.00	1,15,890.00	Completed

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6	Lab. Working table both side drawer and door with lock with 19 mm thick B.W.R. ply in the dept. of Chemistry at Vidyasagar University campus. **(UGC-SAP-BSR FUND)**	VU/R/T/05 (c) / 2015-16 Dt. 12-05-2015 VU/UE/WO/10(c) / 2015-16 Dt. 01-07-2015	3,68,952.00	3,68,952.00	Completed
7	Construction of aluminum partition wall of three lab. Room in the dept. of Chemistry at Vidyasagar University Campus.	VU/R/T/04 (c) / 2015-16 Dt. 11-05-2015 VU/UE/WO/11(c) / 2015-16 Dt. 01-07-2015	3,74,400.00	2,75,445.00	Completed
8	Water connection line form roof reservoir to research & project lab. In the dept. of Chemistry at Vidyasagar University Campus.	VU/R/T/04 (c) / 2015-16 Dt. 11-05-2015 VU/UE/WO/12(c) / 2015-16 Dt. 01-07-2015	2,07,744.00	1,94,291.31	Completed
9	Construction of surface drain for disposal of waste water of V.C. bungalow & VIP Guest House in the campus of Vidyasagar University.	VU/R/T/07 (c) / 2015-16 Dt. 26-07-2015 VU/UE/WO/23(c) / 2015-16 Dt. 30-10-2015	2,95,341.00	2,23,020.00	Completed
10	Providing and making table at conference room, work station signal unit-3 nos. with fixed aluminum partition, false ceiling at conference hall at newly constructed Administrative Building.	VU/R/T/08 (c) / 2015-16 Dt. 07-10-2015 VU/UE/WO/24(c) / 2015-16 Dt. 30-10-2015	4,16,422.00	4,15,783.00	Completed
11	Providing and making executive table, pedestal, side unit, back unit, meeting table, Xerox table, anti chamber memento room at new	VU/R/T/08 (c) / 2015-16 Dt. 07-10-2015 VU/UE/WO/25(c) / 2015-16 Dt. 30-10-2015	4,64,998.00	4,59,606.00	Completed

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	administrative building in Vidyasagar University Campus.				
12	Providing and making executive table pedestal , side unit at Registrar & F.O. office chamber with cash counter at new administrative building in Vidyasagar University.	VU/R/T/09 (c) / 2015-16 Dt. 08-10-2015 VU/UE/WO/26(c) / 2015-16 Dt. 30-10-2015	4,90,649.00	4,90,353.00	Completed
13	Providing and making decorative false ceiling at new administrative building in the office premises of Hon'ble V.C., Registrar, F.O. at new administrative building in the Vidyasagar University Campus.	VU/R/T/09 (c) / 2015-16 Dt. 08-10-2015 VU/UE/WO/27(c) / 2015-16 Dt. 30-10-2015	4,91,535.00	4,89,997.00	Completed
14	Outside painting works of teachers staff quarter Block-B in the Vidyasagar University Campus	VU/R/T/11 (c) / 2015-16 Dt. 19-11-2015 VU/UE/WO/53(c) / 2015-16 Dt. 13-01-2016	1,93,369.00	1,61,494.00	Completed
15	Supplying fitting fixing of curtain at new administrative building in different office chamber.	VU/UE/WO/70(c) / 2015-16 Dt. 22-01-2016	2,50,000.00	2,49,526.00	Completed
16	Construction a cycle stand with shed at Hemchandra Kanungo Abasan in the campus of Vidyasagar University.	VU/R/T/13 (c) / 2015-16 Dt. 02-02-2016	4,94,529.00	Not yet submit	Work in Progress.
17	Construction of surface drain for discharging the surface water including rain water of new constructed Science building (Einstein	VU/UE/WO/15(c) / 2015-16 Dt. 17-07-2015 Repeat order of previous work order Ref. No. VU/UE/R/WO/78/20	20,00,000.00	18,90,446.30	Completed

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	Building). As well as Auditorium complex in the campus of V.U.	12 Dt. 19-12-2012			
18	Construction of a platform with shed for 500 KVA DG Set including link road and related allied works at Auditorium building in the campus of Vidyasagar University. (RUSA FUND)	VU/R/T/12 (c) / 2014-15 Dt. 08-12-2015 VU/UE/WO/51(c) / 2015-16 Dt. 30-12-2015 &	4,94,882.00	4,66,651.97	Completed
19	Civil, Sanitary & Plumbing and Electrical work for the proposed construction of the following three building (a) University Canteen (b) Staff Quarters (Teachers' & Officers') (c)Library Building (Horizontal Expansion) inside the University Campus.	VU/R/T/14/2013 Dt.05.08.2013 VU/R/WO/1233/ 2013 Dt. 30-10-2013	(a) 80,00,000.00 (b) 2,85,00,000.00 (c) 2,30,00,000.00	38,23,540.00 Up to 3rd R.A. Bill 57,95,224.00 Up to 3rd R.A. Bill 1,62,87,408.00 Up to 3rd R.A. Bill **(All the final bills are under processing)**	Completed Completed Completed
20	Civil, Sanitary & Plumbing and Electrical work for the proposed construction of New Administrative Building inside the University Campus.	VU/R/T/13/2013 05.08.2013 VU/R/WO/1234 /2013 Dt. 30-10-13	6,60,00,000.00	2,63,33,863.00 up to 2nd RA bill. **(Final bill under processing)**	Completed
21	Construction of B/wall 2nos gate for Rangamati Guest house and road at Vidyasagar University campus	VU/UE/WO/100 (C) /2014-2015 Dt. 11-03-15	4,94,878.00	3,65,523.00	Completed
22	Repair and Renovation works of Old Science Buildings (Acharya	Acceptance letter no-VU/R/802/2014 19.06.2014	59,60,855.00	Upto 3rd R.A bill Rs.51,98,180.00	Completed

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	Jagadish Chandra Bhavan) in the campus of Vidyasagar University. **First Phase**				
23	Repair and Renovation works of Old Science Buildings (Acharya Jagadish Chandra Bhavan) in the campus of Vidyasagar University. **Second Phase**	Acceptance letter no-VU/R/622/2015 23.04.2015	2,43,87,818.00	Addhoc payment Rs.61,00,000.00	99% Completed
24	Electrical wiring of computer power and connection wiring of 3 nos. Air conditioners to the department of commerce at their newly allotted department at Silver Jubilee in the campus of Vidyasagar University.	VU/R/T/04(elect.)/14-15 04.02.2015 VU/UE/WO/01(elect.) / 2015-16 Dt. 27-04-2015	1,19,400.15	1,19,337.83	Completed
25	Electrical wiring for installing electrical power boards in laboratories of chemistry department at Einstein Building, 1st floor in the campus of Vidyasagar University.	VU/R/T/05(elect.)/14-15 10.03.2015 VU/UE/WO/03(elect.) / 2015-16 Dt. 28-05-2015	1,78,856.23	1,78,364.00	Completed
26	Installing and cabling of street light through the boundary wall behind vice-chancellor bungalow at Vidyasagar University.	VU/R/T/01(elect.)/15-16 21.04.2015 VU/UE/WO/04(elect.) / 2015-16 Dt. 28-05-2015	3,17,375.15	2,55,304.00	Completed
27	Installation of lightning arrestor at old boys hostel in the campus of Vidyasagar University.	VU/R/T/02(elect.)/15-16 12.06.2015 VU/UE/WO/14(elect.) / 2015-16 Dt. 30-06-2015	4,96,846.10	4,85,748.45	Completed
28	Underground cable laying with all accessories at the residential campus of	WB/VU/MIDNAPORE/NIeT-01/2015-16 04.05.2015 WB/R/1042/2015	1,07,73,703.60	1,04,94,108.57	Completed

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	Vidyasagar University.	Dt. 07-07-2015			
29	Supply fitting fixing and electrical wiring 20 nos. solar electrification work in the Vidyasagar University.	VU/R/T/03(elect.) /2015-16 **D**t. 14-08-2015 VU/UE/WO/18(elect .) / 2015-16 Dt. 28-08-2015	1,00,000.00	88,000.00	Completed
30	Installation of lightning arrestor at old teacher's officer's hostel in the campus of Vidyasagar University.	VU/R/T/04-i(elect.) /2015-16 **D**t. 27.08.2015 VU/UE/WO/22(elect .) / 2015-16 Dt. 04-11-2015	2,35,725.04	2,24,584.00	Completed
31	Installation of lightning arrestor at Humanities Building part-1 in the campus of Vidyasagar University.	VU/R/T/04-ii(elect.) /2015-16 **D**t. 27.08.2015 VU/UE/WO/23(elect .) / 2015-16 Dt. 04-11-2015	3,08,151.41	3,05,902.45	Completed
32	Renovation work of electrical wiring at old Science Building in the campus of Vidyasagar University.	VU/R /1681/2015 **D**t. 09-12-2015	16,87,250.22	16,12,004.00	95% Completed
33	Installation and cabling for 500 KVA DG set with all accessories at Auditorium in the campus of Vidyasagar University.	VU/R/1742/2015 **D**t. 23-12-2015 WB/VU/MIDNAPORE/NIeT-08/2015-16 07.12.2015	13,98,768.00	13,60,553.44	Completed
34	Order supply & commissioning of 1 no. 500 KVA Koel Green Silent DG set with enclosure at Auditorium (**Swami Vivekananda Bhawan)**	VU/R/1731/2015 **D**t. 22-12-2015	31,36,779.00	31,36,779.00	Completed
35	Providing and making of work station single & double unit with pedestal & side unit at new administrative building in the campus of Vidyasagar University.	e-tender VU/UE/WO/52(c) / 2015-16 Dt. 30-12-2015	23,47,174.00	19,08,640.00	Completed

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CENTRAL LIBRARY

1. **Year of establishment**: 1986

2. **The Library:** The Central Library of Vidyasagar University is a central facility, which provides information support for teaching and research activities of the university with arich collection of text books, serials, reference documents, theses and back-volume periodicals. . The Library was established in the year 1986 and since then it has been growing in size and content and finally in the year 1996 it was housed in its present four-storeyed building with about 23 thousand Sq. ft. covered area in the midst of the academic complex of the University. A book elevator is used for shifting books and other reading materials in different floors. Beinga fully automated libraryall the in-house operations are computerized and the books, journals, theses, etc. acquired by the library are searchable online through public access catalogue. The circulation services are open for all bona fide members from 10-00 hrs. to 17-30 hrs. on all weekdays (excluding university holidays), whereas the other service units likegeneral Reading Room, Reference unit and the Periodicals unit remains open from 10-00 hrs. to 19-30 hrs. from Monday to Friday and from 10-00 hrs. to 17-30 hrs. on Saturdays and Sundays.
   The Digital Library Centreis operating from the first floor using 24 nos. of computers for accessing the available online resources and also for internet surfing. Besides the main reading hall, a Career Information Library and a Ph.D. cell are also set up in the ground floor to serve the users as per their requirements.

   The construction work of the extension part of the library building has been completed and the new annex building is almost ready to start.

3. **Library Collection:** At present the university central library has a total collection of 1,10,688 purchased books, 602 E-books in various disciplines, 1752 CD-ROMs, 555 Ph.D. theses awarded from this university and more than 5300 books received as gift from various sources and had subscribed to about 100 Indian journals on different disciplines. The library has subscribed to 09 national newspapers and 23 general magazines during the period under review. A good no. of conventional reference books and the books on competitive examinations areavailable for consultation. Apart from these, the library has a good collection of reports like ‘Census Reports’, ‘Development Reports’, ‘Education Reports’, etc.

4. **Library Membership:** Total no. of bona fide library users was 3487 amongst which 3120 were PG students, 32 were full time Research scholars, 09 were part time Research scholars, 221were Faculties and Administrative Officers and 131 were the non-teaching staff. Besides these, 61 were registered as Ex-members of this institute and 12 no. of affiliated colleges are registered Institutional members.

   Apart from these, the visiting faculty members and visiting research fellows from other institutions can also avail the library facilities as per library rules.

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5. **Library Services:**

A. **Readers Service (during 2015-16):**

i. No. of students enrolled: 3020
ii. No. of books issued in Circulation Desk : 23184
iii. No. of books returned in Circulation Desk :23120
iv. No. of visitorsused the Reading Room, Reference Section, Periodical Section and Digital Resource Centre : About 20.39 thousand

B. **Reprographic Service:**A private Xerox Centre is in operation since last one decade at the university Central Library for providing photocopying services to all the library users at nominal charges.

C. **OPAC Service:** The entire collection of universitylibrary aresearchablefrom OPAC terminals at the Central Library or through web-OPAC from any corner of the university campus as well as from outside the campus.. Library Catalogue is availablefrom library website at http://library.vidyasagar.ac.in.

D. **Resource Sharing & Institutional Membership:**Under resource sharing programme of INFLIBNET Centre, Ahmedabad, the members of Vidyasagar University Central Library can get copies of the documents, which are not available in our library, from other participating university libraries through Document Delivery Services. Our university library is also the institutional member of two renowned libraries, namely IIT, Kharagpur and British Council Library, Kolkata since more than one decade and our users have access to their library documents. On the other hand, Vidyasagar university library also provides the library facilities to its affiliated institutions against a nominal membership fee.

6.1 **Automation:** The automation programme at the central library was started in the year 2001. Since then it had started automation of all its house-keeping activities using SOUL software package developed by INFLIBNET centre, Ahmedabad. At present our university library is fully computerized having thousands of databases of books, theses, current journals and library memberships, which are available on-line from any terminals within the library or within the campus through LAN and also from outside the campus through website. As a member of UGC-Infonet E-journal consortium, more than 7 thousand full text peer reviewed journals can be accessed within and outside the library. All bona fide members can avail internet and e-mail facilitiesfrom the central library only for their academic purposes.

6.2 **Networking:** The University has a 10 Gbps library network backbone. The storage servers are connected to the backbone using multiple 1 Gbps paths.

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6.3 **Wi-Fi:** The entire library along with its adjacent areas are completely Wi-Fi enabled. Bona fide users can avail this facility free of cost using their own gadgets like Laptop, Smartphone, etc.

7.**ICT Infrastructure:**With the development of excellent ICT infrastructure, the Library has developed its own ICT infrastructure to manage all the in-house operations and has provided specialized information services to its bona fide members against their user ID.Different Servers like,Infrastructure Servers, Storage Servers [with a total 6 TB usable storage capacity]; Physical Servers, likeApplication Server[for the Thin Client machines], SOUL Server, CD/DVD Mirror Server, Management server[for VMWARE Host] as well as some Virtual Serversfor different jobs are in operation in the Central Library.

7.1 **Computers and other accessories:** In addition to the above servers, library has more than 30 Desktop PCs, 36 Thin Client PCs, one Network Printer (for printing document through LAN), one High End Scanner and some handheld Barcode Scanners for smooth functioning of library activities.

7.2 **Infrastructural Development**: The space of Storage Server has been upgraded. The UTM device has been upgraded for network security. A new back-up solution has been implemented. Some additional physical server has been installed for up-gradation of performance. The technology of Wi-Fi system has been upgraded. Another large Digital Signage will be installed shortly for display in the new library annex building. RFID based library cards will also be issued soon to the library users.

8. **ICT Services:**

- **Institutional Repository:** Central Library has set up an archive of publications brought out by the institute. The archive is being updated regularly to cover more publications which are permissible within thecopyright regulations. The archive is expected to evolve into a database of all publications producedby the Vidyasagar University community and is accessible on the Internet through the library homepage. Presently hundreds of electronics references like, CD-ROM databases, various Administrative Documents, old Question Papers, Journals published from this university, E-books subscribedat the central library, etc. are archived in this Institutional Repository.

- **E-Journals and Online Database Service:** The Central Library provides web-based access to about 8,000 full text journalsand few databases (available from INFLIBNET Centre) 24 x7 to its bona fide users throughlocal area network.
- **Online Public Access Catalogue (OPAC):** The OPAC is one of the most heavily used databases of the library and is accessible 24x7 via libraryweb page. Besides listing all the documents available in the library, OPAC is

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searchableby author, title, accession number, subject and many other fields. 12 PCs are provided at the entrance lobby for OPAC searching.

- **Web Based Faculty Information & e-Circular Service:** Library has already hosted one web based faculty information system in which all the faculty member can upload their Bio-data by themselves, communicate with their student, generate and upload departmental notices etc.in the public domain.
- **Remote Access Service:** The Central Library has already started to provide Remote access facilities to the registered Faculties, Research Scholars and the bona fide Staff of this university in which all the resources available in the university library will be available from anywhere outside the campus through their registered user ID.
- **CD/DVD Access Service:** An archival of CD-ROMs has been prepared using one CD/DVD mirror server in which the contents of all the CDs andDVDs purchased in the library are stored and all these archives are accessible from that server within the campus through local area network.
- **Print Service:** One modern network printer (with multiple facilities) is installed in the central library. That machine is linked with the CDRS lab and any required downloaded document can be printed using automatic print quota management software. Anyregistered library member can avail this facility against a nominal payment.
- **SMS Alert Service:** AnSMS alert service has already been introduced for all the registered users in which any service oriented information is sent to the users through their registered mobile number.
- **Email Service (web based):** This E-mail service is providedto the users through Google apps with some local modifications. Library sends emails to the group of users regarding any service provided to them.

- **Consultancy Service:** Consultancy services have been provided to the affiliated colleges having the institutional membership to this university library to solve the automation related problems of their libraries. Registered members can also get remote support (through telephonic conversation) in case of failure of any service. This is a paid service offered to the registered members only.

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COMPUTER CENTRE

1. About the Centre:

The Computer Centre of Vidyasagar University, established in 1998, plays a pioneer role in distributing the knowledge in computer and its application including giving network and internet facilities among students, staff of educational institute and the peoples of different communities in and around the rural areas of west Bengal where the university is situated. It has crossed a number of milestones and continues to increase the activities in new areas of application. It provides full computational facilities to the faculty members, research scholar, and students of the University. It also offers opportunities to learn computer and its application to faculty members, research scholars, students, staff of the University and College by opening a number of regular courses, training program, organizing seminar, workshops for them. To provide industry and research oriented learning and education to the students it also has some collaborative approach with the IT companies and research Lab and Institute.

2. Vision:

To strengthen the existing IT services and maintain its quality.

3. Mission:

1. To impart the quality of education and train the students and staff members with strong foundation that could make them capable of handling challenges of modern society.

2. To maintain state of the art of training, education, research and computational facilities,it maintains collaboration with leading Institutes, Universitiesand Research Laboratories.

4. Year of Establishment : 1998

5. People of the Computer Centre and their Area of Specialization

A) Officer and Faculty:

Name	Designation	Area of Specialization
Sri Sunil Chandra Mallik	Director	Computer Architecture and Network Security, Education and Technology
Sri Arindam Bhattacharya	System Analyst	Network Security, Bioinformatics, Pattern Matching and Mobile Communication
Sri MuktaMajumder	Assistant Professor	Natural Language Processing, Machine Learning, Bio-MEMS and E-Commerce

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B) Technical and Non-Technical Staff:

Name	Designation	Area of Specialization
Sri. Krishna KantaOjha	Technical Assistant	Windows and System Administration, Hardware
Sri. SudiptaGoswami	Junior Assistant	Front Office Management and Technical Support

6. Paper Presented or published or Participated in Seminar/ Conference/Journal/Workshop/ Training Programme Attended By the Staff Member During 2015-2016

Name of Staff	Name of Seminar/ Conference/Journal/Workshop/ Training	Duration	Held at	Title of the Paper Presented	National/International
Mr. Mukta Majumdar	Natural Language Processing Techniques for Educational Applications (NLP-TEA-2), ACL-IJCNLP	July 31, 2015	Beijing, China	A System for Generating Multiple Choice Questions: With a Novel Approach for Sentence Selection	International
Mr. Mukta Majumdar	International Arab Journal of Information Technology (Impact Factor: 0.582)	N.A	N.A	Development of a Hindi Named Entity Recognition System without Using Manually Annotated Training Corpus (Accepted)	International
Mr. Mukta Majumdar	Training Program on Teaching With Technology,	1st to 9th October 2015	Conducted by Microsoft at Vidyasagar University	N.A	National
Mr. Mukta Majumdar	MHRD Sponsored One-day training programme to upload data in "All India Survey on Higher Education (AISHE)" Portal	3rd February 2016	Vidyasagar University	N.A	National

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Mr. MuktaMajumdar	National Seminar on Advanced Computation, Algorithm and Security	29th to 30th March 2016	Vidyasagar University	N.A	National

7. Major Activities of the Centre

The Computer Centre has the following major division and activities, currently working to cater the need of the University, Colleges and Society.

A. Maintaining existing ICT Services and new initiatives.

B. Training /Literacy/Awareness programme Division.

C. Academic

D. Project & Consultancy

E. Computational Support and service to all Departments including Science department.

A. Maintaining existing ICT Services and new initiatives.

(a) Up gradation of State of the Art campus LAN, switch Infrastructure (Wired and WI-FI LAN) under NME-ICT:

The most awaited campus wide LAN infrastructures (Switching Devices) have been commissioned with high speed state of the art switching devices CISCO to improve the availability, stability, speed and overall performance of the LAN and internet facilities. Presently, all the services are being provided with the new upgraded setup. All the departmental users have been given direct connectivity for high speed. The whole setup is kept on 24 hours including holidays. The total cost approx. 45 lacks taken from XII plan grant.

The University has a one GBPS internet connectivity terminated at computer centre under **NME-ICT & NKN project**. For security and safety of the campus wide LAN setup the gateway lab is equipped with high end Router (MX80-Juniper), fortigate firewall, etc. The **Fortigate 200B** has been installed at the Centre. The Fortinet 300D will be installed at Computer Centre very soon.

To protect the campus from external threat, viruses, spam Quick heal (anti-virus) has been introduced in server based system and to control the client computer throughout the campus in centralized control system.

b) **Infrastructure developed under RUSA Phase – I**

Under RUSA Phase I for ICT Infrastructure development we have received a grant of approx. 1.2 crore by which total LAN Switching infrasture, WI_FI Campus, and Desktops, Servers have purchased and implemented.

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c) IP Based VOICE EPABX from RUSA Phase – I

IP based EPABX System (CISCO) have been implemented for both voice and Video conferencing (Multiparty) in the University Campus.

d) **Video Conferencing** from RUSA have been implemented in the University Administration.

(b) Wi-Fi Campus under RUSA Phase - I:

The most prestigious WI-FI system has been commissioned with high range and speed of the art Access point (CISCO make) to improve the availability and stability of internet facilities. The WI-FI service has been commissioned at all academic departments including both Administrative building. The WI-FI service is also extended at the entire Boys' and Girls' Hostel including all Residential campus. Our university is the first in West Bengal where entire campus including the residential campus is under the WI-FI system. The whole setup is kept on 24 hours including holidays.

(c) Monitoring bandwidth utilization & maintenance of 1 GBPS link under NME-ICT/NKN project:

The prestigious 1 GBPS link had been installed in 2010 with low b/w utilization. However some direct connectivity and increase of users and new services has increased the bandwidth utilization even upto 500 MBPS and sometimes 600 MBPS. This has been monitored 24 hours using the firewall system.

(d) Virtual A/V Centre

A-Virtual Audio Visual Centre is being established in the Computer Centre to conduct virtual classes, transmit live lectures and Multimedia materials and generate e-content thereby. The A-V centre may also be used as various eminent lectures, recording etc. This facility will be offered to all faculty members of the various departments, all the PG students and other communities of the university so that they can use the various NME-ICT services in their research and course curricula.

(e) CCTV Surveillance

The CCTV surveillance system has been commissioned at whole academic campus including both administrative building, DDE building, Auditorium, all the guest houses to ensure the security system. The whole setup is kept on 24 hours including holidays.

(f) Internet and Other LAN Services

The Computer centre is also looking after the total internet services provided to each and every dept. through the new program under this project NME-ICT launched in the XI plan by MHRD & State Government.

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The new 1 GBPS (1000 MBPS) Leased Line has already been commissioned from November, 2010.

The total number of computer having Internet and LAN connectivity has been increased to about 3500 including WI-FI at present.

All these Internet users are able to access all the subscribed e-Journals (full text) under e-Journal Consortia of Inflibnet.

B. Training /Literacy/Awareness programme Division:

SL No.	Name of the Courses (Already taken place)	Target Group	Course Duration	Participants/ Students
1	Digital India week (17 groups)	Student of VU and its affiliated colleges	12.07.2015	49
2	ICT Based Office Automation and Front Desk Management Using Open Source Software and SAAS	University Staff members	04.1.2016 to 08.1.2016 and 18.1.2016 to 22.1.2016	30
3.	UGC Sponsored Two days National Workshop "Application and Development of E-learning Platform In University MOODLE	University and College Faculty Members	9-10 March 2016	23
4	UGC Sponsored Out Reach Programme on Awareness and Literacy of Computer And Internet Technology	Kantapahari Vivekananda High School. School teachers, school students.	15-18 March, 2016	52

C. Academic

Regular Diploma Courses

SL No.	Name of the Courses (Already taken place & currently going on)	Target Group	Course Duration	Participants/ Students
1	Diploma course in Office Automation & Internet Technologies – Module - II	For PG Students of the University,	March,2015 – August, 2015	38

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2	Diploma course in Office Automation & Internet Technologies – Module - I	For PG Students of the University,	September,2015 – February, 2016	43
3	Diploma course in Office Automation & Internet Technologies – Module - I	For PG Students of the University,	March 2016 to August, 2016	39

C. Project & Consultancy.

1. The Centre is working in developing software, websites and consultancy works to cater the need of the affiliated colleges and other organizations of the sourandings in computerizing their activities and provides necessary help and consultation on payment of requisite fees to University. It has also exclusive plan for obtaining more development and consultancy works during the next session.
   B.ED online admission software is developed and run successfully in this year 2015. The software of B.ED central counseling system is also developed at Computer Centre.
2. Apart from these, it provides many services to the affiliated Colleges and the Society in organizing different IT related events, awareness programme.

D. Computational Support to Other Department and Course

1. Many departmentsare not having enough computer infrastructures though they have computer curriculum in their course. Computer Centre provides the necessary support to these departments like Commerce, Economics, Electronics, Microbiology, Zoology etc.
2. Practical exam centre for various S/W & H/W related examinations under UG & PG courses are held at Computer Centre.
3. It also provides necessary computational support for research to the faculty members, scholars and students of different departments.

8. Available Computational and Research Facilities

The Centre has two well equipped modern Computer Laboratories with 40 Desktop Computers and 21 Thin Clients connected to a server. All the systems are connected to high speed Internet connection. Different types of educational and research related softwareare installed on those systems for the use of faculty members, research scholars and students. These facilities are open to use from 10.00 AM to 6 PM on every Monday to Friday except on the holiday.

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9. Computational Infrastructure Available at Computer Centre

1. Software

Sl. No.	Item	Manufacturer	Number of License Copy
1	Windows Server 2003	Microsoft	1
2	Windows Terminal Server 2003	Microsoft	1
3	Windows XP Professional	Microsoft	1
4	Windows Vista	Microsoft	1
6	Tally-8.1	Microsoft	1
7	Tally-9	Tally India Private Limited	1
8	STATISTICA AXA	StatSoft	2
9	Quick heal	Quick heal	400 users
10	Microsoft Office 2003	Microsoft	1

2. Hardware

1	Server	Wi-Fi Security server	01
2	Server	VM server	01
3	Controller	Wi-Fi Controller	02
4	AP	Wi-Fi AP	64
5	Camera	IP based camera	55
6	Server	IP Based Voice Video server	01
7	Video Phone	Video phone with conferancy	06
8	IP phone	IP phone	16
9	Conference Unit	Video conferance unit	01
10	Desktop and Printers for distribution to Departments		

3. Other Hardware Infrastructure

Sl. No.	Item	Model	Manufacturer	Quantity
01	UPS	10 KVA		02
02	UPS	1 KVA		10

4. Network Components.

Sl.No.	Item	Model	Manufacturer	Quantity
1.	Core Switch	4506E	CISCO	2
2.	Distribution Switch	2960X 24 port	CISCO	36

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3	Distribution Switch	2960X 08 port	CISCO	08
4	Distribution Switch with POE	SG500	CISCO	4
5	Manageable Switch	SG300` 28-28 port	CISCO	5

Communication detail s

Computer Centre, Vidyasagar University
Midnapore, West Bengal, Pin – 721 102, India
Phone – 03222 276554/555/557/558; Ext. 469/481/504,
Website: cc.vidyasagar.ac.in

Sri. Sunil Chandra Mallik
Director, Computer Centre
Vidyasagar University

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OFFICE OF THE PROGRAMMER

OFFICE OF THE PROGRMMER

REGULAR ACTIVITY:

Central Stock:

Records each and every technical detail information of all Computers, Printers, UPS, Software & Other accessories / peripherals in the Campus. Central ID allocation after physical inspection for each machine is also controlled through it. At present the total no. of desktop computers ***is1062approximately, total no. of Laptop is 123.***

Maintenance of IT accessories:

Maintenance of Computers, Printers, Ups and other peripherals are done through Central Maintenance system. The centralized maintenance is done by an external vendor under this department whose performance is thoroughly evaluated periodically on feedback basis from different department, based on which payment is made and further contract is made or renewed.

Department also supervise the Annual Maintenance work (AMC) of the external agencies regarding these machines along with the support of Computer Centre and Central Library. At present ***705 desktop computers &107 Laptops are under AMC service***.

Administrative Automation:

A customized Management Information System for the Administrative Departments regarding receive and dispatch has been developed in collaboration with Information Scientist and now it is under test phase. It is a web based application and this can be accessed within the campus network by the user authentication.

Finance Section:

A customized software for the department of finance has been developed by external agency under the supervision of the department of Programmer for processing the following day-to-day financial transactions-Payroll, PF, ITAX, Bank Reconciliation, GI, Salary Register, Form16, Form24 preparation, Budget etc. supervision, monitoring, up gradation, consultancy, guidance & direct involvement in day-to-day computerized financial work.

Also provides guidance as a **Technical Expert in the purchase committee** for purchase of computers and other computer related peripherals as and when required.

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Controllers' Section:

Software (Examiner / Paper setter, Result & Postgraduate Mark sheet preparation Review etc.) supervision, monitoring, up gradation and guidance to day-to-day computerized works.

Engineers' Section:

Software for Electric bill generation, supervision, monitoring, up gradation and guidance to day-to-day computerized works in collaboration with Information Scientist.

Registrars' Section:

Software (Registration) supervision, monitoring, up gradation and guidance to day-to-day computerized works.Implementation and regular monitoring of UG registration from affiliated colleges through a web-portal in collaboration with Information Scientist.

Internet & e-mail:

Regular monitoring of University's Internet account, e-mail account. Also keep monitoring and assistance to Computer Centre and Central Library for network and others as and when required.

DSW Section:

Regular supervision, monitoring, up gradation of computerized Hostel admission process for the Dept. of DSW. Also guidance is provided in daily office activities.

Additional Charge

Act as the In Charge for regular managing and monitoring of the University VIP Guest house, University Bus etc.

Expert:

Service to different affiliated colleges & institutions for purchasing, installation of computer systems. Providing guidance and supervision in computerization of their day-to-day activities like finance, admission, etc. Also acts as regular Guest Teacher in the Departments of MCA, Computer Sc., Electronics, and Computer Centre etc. Taking a part in the evaluation system as examiner, external expert, paper setter, etc. Acting as ainvitee member of ICT cell of the University as and when required.

Research guidance to a number of students for their Projects in M.Sc. Computer Sc. / M.C.A. students. Guidance to various academic departments for preparing their computer base laboratories.

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Microsoft Licensing:

An initiative has been taken to bring all the machines in the campus running with MS Windows operating system and Windows office products to have its proper license; so far most of the machines in our campus are covered under this open licensing process. Presently licensed operating system and other software are being managed by the department.

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OFFICE OF THE SPORTS OFFICER

Staff:

A) Sports Officer – Sri Suhas Barik
B) Sports Assistant - Sri Dipak Mondal
C) Group- D - Vacant
Working Hours: - 6-30A.M to 6-00 P.M (Except Sunday)

Sports Activities:

Vidyasagar University Sports Committee Organized Various Type of Tournaments i.e. Football, Cricket, Volleyball, Kho-Kho (M&W), Kabaddi (M&W), Athletic Meet (M&W) Chess (M&W), Yogasana (M&W). Our University also participated in the Inter-Varsity Tournament in various games & sports.

Result of Inter-University & Inter-College Tournament 2015-16, The List of the Inter-Varsity Tournament and Result In which we participated in the year 2015-16

1) a. Inter- Varsity Football

Organized by : MG Kashi Vidyapith, Varanasi (UP)
Venue : MG Kashi Vidyapith, Varanasi (UP)
Date : 13th to 19th October 2015
Result : Lost in 1st Round (lost against Assam Univ.)

1) b. PCM Memorial Football Tournament-2015

Organized by : ISI
Venue : ISI Ground, Dunlop
Date : 10th to 24th April 2015
Result : **Runner-up (lost against Rabindra Bharati Univ.)**

2) Inter Varsity Kho-Kho (Women)

Organized by : MG Kashi Vidyapith, Varanasi (UP)
Venue : MG Kashi Vidyapith, Varanasi (UP)
Date : 28th January to 1st February, 2016
Result : Lost in 2nd Round in Group League Match (lost against Calcutta Univ.)

3) Inter- varsity Kho-Kho (Men)

Organized by : TM Bhagalpur University
Venue : TM Bhagalpur University
Date : 17th to 21st December, 2015
Result : We reached in Final In group league match (lost against L.N.Mithila Univ.)

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4) Inter-varsity Volleyball

Organized by : Tripura University
Venue : Tripura University Campus
Date : 16th to 21st February, 2016
Result : We reached in Semi Final In group league match (lost against Rabidra Bharati Univ.)

5) Inter-varsity Cricket

Organized by : LN Mithila University, Darbhanga, Bihar
Venue : LN Mithila University, Darbhanga, Bihar
Date : 14th to 21st December, 2015
Result : We reached in Semi Final In group league match (lost against Fakhir Mohan Univ.)

5) a) Ajoy Ghosh Trophy

Organized by : Cricket Association of Bengal
Venue : I.I.T Kharagpur
Date : 3rd to 15th October, 2015
Result : Lost in Quarter Final In group league match (lost in point Basis)

5) b) T-20 Cricket Tournament

Organized by : Cricket Association of Bengal
Venue : Visha Bharati University, (W.B)
Date : 27th February to 1st March, 2016
Result : **Champion (against Calcutta Univ.)**
***This is remarkable performance of our University**

6) All India Athletic Meet

Organized by : Punjabi University, Patiala
Venue : Punjabi University, Patiala
Date : 29th December, 2015 to 3rd January, 2016
Result : No position

7) All India Yogasona (M/W) Competition

Organized by : Choudhury Ranbir Singh University, Jhind, Haryana
Venue : Jhind
Date : 21st March to 23rd March, 2016
Result : 17th position (Women), 19th position (Men)

8) Inter-varsity Chess

Organized by : TM Bhagalpur University
Venue : TM Bhagalpur University
Date : 17th to 21st December, 2015
Result : No position

8) a) Inter-varsity Kabaddi (W)

Organized by : Utkal University, Bhubeneswar
Venue : Utkal University

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Date : 15th to 18th December, 2015
Result : Lost in 2nd round in group league match (lost against VBS Purbachal University

The list of the Inter College Tournaments and the result which we have organized In the year of 2015-16

1) Football
No. of colleges participated : **29**
Date of the tournament : **19th August to 7th September, 2015**
Result : **Champion – Sabang Sajanikanta Mahavidyalaya**
Runner up – Kharagpur College

2) a) Kho-Kho (Women)
No. of colleges participated : **14**
Date of the tournament : **10th September, 2015**
Result : **Champion – Panakura Banamali College**
Runner up – Mahishadal Girls' College

2) b) Kho-Kho (Men)
No. of colleges participated : **14**
Date of the tournament : **11th September 2015**
Result : **Champion – Midnapore College**
Runner up – V.M. Mission Mahavidyalaya

3) Volleyball
No. of colleges participated : **16**
Date of the tournament : **17th September 2015**
Result : **Champion – Seva Bharati Mahavidyalaya**
: Runner up – Deshapran Mahavidyalaya

4) Cricket (Men)
No of college participated **: 15**
Date of the tournament **: 5th to 14th October, 2015**
Result **: Champion – Midnapore College**
: Runner up – K. D. College of Commerse

5) Athletics
No of Colleges Participated **: 41**
Date of Competition **: 16th & 17th December 2015**
Result : Champion – **Midnapore College** (66Points)
: Individual Champion-(Boys) **Sk Ataur Rahaman** (Tamralipta Mahavidyalaya) 15 points
: Individual Joint Champion-(Girls) **Champa Bera** (Midnapore College)
Pritikona Mondal (**V.M. Mission Mahavidyalaya**) (13Points both)

6) Chess (M/W)
No of College Participated : **14**
Date of Competition **: 24th to 25th September, 2015**
Result : Winner – **Hirak Bose** (VUPG)
Runner – **Koushik Pal** (Kharagpur College)

7) Yogasona (M/W)
No of College Participated : **15**

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Date of Competition : **24th November, 2015**
Result : Winner (Boys) **Rothikanta Barik** (Belda College)
: Winner (Girls) **Chandana Midya**(Panaskura B. College)
: Runner (Boys) **Pijesh Das** (Belda College)
: Runner (Girls) **Rima Dutta** (Seva Bharati Mahavidyalaya)

Team Champion (Men) : Panaskura Banamali College
Team Champion (Women) : Seva Bharati Mahavidyalaya

8) a) Kabaddi (W)

No of college participated : **8**
Date of the tournament : **30th September, 2015**
Result : **Champion – Mahishadal Girls' College**
: **Runner up – Sukumar Sengupta Mahavidyalaya**

8) b) Kabaddi (M)

No of college participated : **8**
Date of the tournament : **30th September, 2015**
Result : **Champion – Mahishadal Raj College**
: **Runner up – P. K. College Contai**

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UNIVERSITY SCIENCE INSTRUMENTATION CENTRE (USIC)

University Science Instrumentation Centre (USIC) was established in the year 1993, to facilitate the research in basic as well as applied field of Science of our University. It had started its journey in a small room adjacent to the department of Zoology. Since 2010, the center has been shifted to a room in the new science building. With the increasing flow of fund from both UGC and the state government, a number of highly sophisticated instruments were purchased at the centre.

Director: ***Prof. Ajay Kumar Misra;*** Dept of Chemistry & Chem. Tech.

Technical Officer: Dipankar Mandal

Technician: Anindita Maiti (Nandy)

Members of USIC committee:

(1) Registrar, (2) Dean faculty of Science, (3) Dr. Ajay Kr. Misra (Director), (4) HOD of the following departments; (i) Chemistry & Chemical Technology, (ii) Physics & Techno Physics, (iii) Zoology, (iv) Human Physiology with Community health, (v) Botany & Forestry, (vi) Microbiology, (vii) Electronics, (viii) Bio-Medical Laboratory Science and Management, (ix) Aquaculture Management & Technology, (x) Remote Sensing & GIS.

LIST OF INSTRUMENTS

Sl.No	Name of the instruments	Condition	Number of users (April 2015-March 2016)
1.	Fluorescence Spectrophotometer (Hitachi, F-7000)	Working	195
2.	Polarizing Microscope (Nikon Eclipse LV100 POL) With Linkam U.K Heating/Freezing Stage accessories	Working	123
3.	Gel Doc XR system PC version (BIO –RAD, Universal)	Working	114
4.	Leica RM Semi-Motorized Microtorn (RM 2245)	working	1
5.	High Performance Liquid Chromatography (HPLC)	Working	1
6.	Atomic Absorption Spectrophotometer AAS)	Working	15
7.	Leica cryo microtome (CM-1850)	working	54

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8.	Leica compound microscope (DM 3000)	working	219
9.	Perkin Elmer FTIR (Spectrum two)	working	125
10.	Shimadzu UV-VIS-NIR spectrophotometer	working	59
11.	Malvern zeta size DLS (ZS 90)	working	50
12.	Real Time PCR (RTPCR)	working	4
13.	AO+ Size (42 inches) Wide format color Scanner	working	Nil
14.	ELISA Plate Reader	Working	12
15.	Water Quality Analyzer	working	6

AVALAIBLE SOFTWARES

1. **CANOCO 4.5** in academic Pack including Cano Draw for Windows Cano merge and Pr cord.
2. **Gaussian 9.0**: Single user, Single processor for Windows, Perpetual Desktop, Latest Version.
3. **Gauss View 5.0**: Single user Single processor for Windows, perpetual desktop latest version.
4. **Endnote**: Single (01) user latest version academic license on MS Windows with media.

List of accessories purchased during 2015-2016

SL NO.	Name of instruments & accessories	Date of purchase
1.	OCP compound leica gel	31.07.2015
2.	Frozen Tissue Specimens Fluid Leica gel	11.08.2015
3.	OSRAM 100 w HBO Mercury lamp	16.03.2016
4.	USHIO UXL Shortarc Xenon Gas Discharge lamp	16.03.2016
5.	Eyela circulating water bath Model: NCB 1200	30.09.2015
6.	Vacuum cleaner	16.03.2016

We did the Annual Maintenance Contract (AMC) of the following instruments for next two years.

Sl no.	Name of the Instruments
1.	Fluorescence Spectrophotometer(Hitachi, F-7000)
2.	Polarizing Microscope(Nikon Eclipse LV100 POL)

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3.	High Performance Liquid Chromatography (HPLC)
4.	Atomic Absorption Spectrophotometer AAS)
5.	Leica compound microscope (DM 3000)
6.	Perkin Elmer FTIR (Spectrum two)
7.	Shimadzu UV-VIS-NIR spectrophotometer
8.	Malvern zeta size DLS (ZS 90)

List of publications of the faculty members using the facilities of USIC

Name of the faculty with co-authors (sequentially)	**Title of the Research Paper**	**Name of the Journal, Vol. NO., Year & pp. (ISSN/ISBN)**	**National/ International Impact Factor/ Citation Index**
Braja Gopal Bag, Shib Shankar Dash	Self-assembly of sodium and potassium betulinates into hydro- and organo-gels: Entrapment and removal studies of fluorophores and synthesis of gel-gold nanoparticle hybrid materials	*RSC Advances*, **2016**, 6, 17290-17296	International 3.289
Braja Gopal Bag, Shib Shankar Dash	Hierarchical self-assembly of a renewable nano-sized pentacyclic dihydroxy-triterpenoid betulin yielding flower-like architectures,	*Langmuir*, **2015**, 31, 13664-13672	International 3.993
Rakhi Majumdar, Supawan Tantayanon, Braja Gopal Bag	A Novel Trihybrid Material Based on Renewables: An Efficient Recyclable Heterogeneous Catalyst for C-C Coupling and Reduction Reactions,	*Chem. Asian J.* 2016, DOI: 10.1002/asia.201600773.	International 4.592
Sandeep Kumar Dash, Shib Shankar Dash, Sourav Chattopadhyay, Totan Ghosh, Satyajit Tripathy, Santanu Kar Mahapatra, Braja Gopal Bag, Debasis Das and Somenath Roy.	Folate decorated delivery of self assembled betulinic acid nano fibers: a biocompatible anti-leukemic therapy,	*RSC Adv.*, 2015, 5, 24144-24157.	International 3.289
R. Majumdar, B.G. Bag, P. Ghosh	Mimusops elengi bark extract mediated green synthesis of gold nanoparticles and study of	*Appl Nanosci.* 2016, 6, 521.	International Springer New Journal

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	its catalytic activity,		
Subhajit Das, Braja Gopal Bag, Ranadhir Basu	Abroma augusta Linn bark extractmediated green synthesis of gold nanoparticles and its application in catalytic reduction,	*Appl. Nanosci.*, 2015, 5, 867-873..	International Springer New Journal
Sandeep Kumar Dash, Sourav Chattopadhyay, Satyajit Tripathy, Shib Shankar Dash, Balaram Das, Debasis Mandal, Santanu Kar Mahapatra, Braja Gopal Bag, Somenath Roy,	Self-assembled betulinic acid augments immunomodulatory activity associates with IgG response	*Biomed. Pharmaco*, 2015, 75, 205.	International 1.68
B.G. Bag, S. Das,	Self-assembly study of ammonium oleanolate and generation of gel–gold nanoparticle hybrid material	*Prayogik Rasayan*, 2016, 2, 24.	International New Journal
B.G. Bag, N. Hasan	Study of Antioxidant Property of the Endosperm Extract of Borassus flabellifer (*Taal*) and its use in the green synthesis of Gold nanoparticles,	*Prayogik Rasayan*, 2016, 2, 11.	International New Journal
Shib Shankar Dash, Braja Gopal Bag, Poulami Hota	Lantana camara Linn Leaf Extract Mediated Green Synthesis of Gold Nanoparticles and Study of its Catalytic Activity	Applied Nanoscience, 2015, 5, 343.	International Springer New Journal
Abir Chandan Barai, Braja Gopal Bag	Study of Antioxidant Property of the Tuber Extract of Habenaria Edgeworthii (*Vrddhi*) and its use in the green synthesis of Gold nanoparticles,	*Prayogik Rasayan*, 2016, 2, 20.	International New Journal
M. Shyamal, P.Mazumdar, S.R. Maity, S.Samanta, G. P. Sahoo, A. Misra	Highly Selective Turn-On Fluorogenic Chemosensor for RobustQuantification of Zn(II) Based on Aggregation induced EmissionEnhancement Feature	ACS Sensor, 1, 739-747, 2016.	International Impact Factor: Yet to be computed

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D. Das, P. Mazumdar, A. Maity, S. Tripathy ,S. Roy,D. Chattopadhyay A.Misra*	Aggregation induced emission from α-napthoflavone microstructures and its cyto-toxicity	Journal of Photochemistry & Photobiology, B: Biology, 156, 1-10, 2016.	International Impact Factor: 3.03
A. Maity, P. Mazumdar, S. Samanta, D. Das, M.Shyamal, G. P.Sahoo ,A. Misra	Morphology directing synthesis of 1-aminopyrene microstructures and its super quenching effect towards nitro aromatics	Journal of Molecular Liquids, 221, 358-367, 2016.	International Impact Factor: 2.74
M. Shyamal, P. Mazumdar, S. Maity, G. P. Sahoo, G. S. Moran, and A. Misra*	Pyrene Scaffold as Real Time Fluorescent Turn-on Chemosensor for Selective Detection of Trace Level Al(III) and Its Aggregation Induced Emission Enhancement	J. Phys. Chem. A., ., 2016, 120, 210–220.	International Impact Factor: 2.88
S. Maity, P. Mazumdar, M.Shyamal, G. P. Sahoo, A. Misra	Crystal induced phosphorescence from Benz(a)anthracene microcrystals at room temperature	Spectrochim. Acta A, 157 (2016) 61-68.	International Impact Factor: 2.65
P. Mazumdar, S. Maity, M. Shyamal, D. Das, G. P. Sahoo, A. Misra*,	Proton triggered emission and selective sensing of picric acid by the fluorescent aggregates of 6,7-dimethyl-2,3-bis-(2-pyridyl)-quinoxaline,	Phys. Chem. Chem. Phys, 2016, 18, 7055-7067.	International Impact Factor: 4.44
D. Das, G. P. Sahoo, P. Mazumdar, A. Maity, D. Chattopadhyay, G. S.Morán, A. Misra*	Morphology directing synthesis of benzo[a]pyrene microstructures and their photo physical properties	J. Mol. Liq., 206 (2015) 47-55.	International Impact Factor: 2.74
P. Mazumdar, D. Das, G.P. Sahoo, G. Salgado-Moràn, A. Misra*	Aggregation induced emission enhancement of 4,4′-bis(diethylamino)benzophenone with an exceptionally large blue shift and its potential use as glucose sensor	Phys. Chem. Chem. Phys. 17 (2015) 3343–3354.	International Impact Factor: 4.44
G. P. Sahoo, S. Samanta, D. k. Bhui, S. Pyne, A. Maity, A. Misra*,	Hydrothermal synthesis of hexagonal ZnO microstructures in HPMC polymer matrix and their catalytic activities	J. Mol. Liq., 212,665-670, 2015.	International Impact Factor: 2.74
G.P.Sahoo, S. Basu,	Microwave-assisted	Journal of	International

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S. Samanta & A. Misra*	synthesis of anisotropic gold nanocrystals in polymer matrix and their catalytic activities	Experimental Nanoscience, 10, (2015), 690-702.	Impact Factor: 0.83
D. Hazari, S.K. Jana, H. Puschmann, E. Zangrando, **S. Dalai***	Three Manganese(II) Coordination Polymers with Mixed Donor Ligands: Synthesis, X-ray Structures and Luminescence Properties	Transition Metal Chemistry, 2015, 40, 595-604.	1.465
D. Hazari, S.K. Jana, H. Puschmann, E. Zangrando, **S. Dalai***	Three new co-ordination polymers of zinc(II) and cadmium(II) with dicarboxylate and bipyridine ligands: Synthesis, structure and luminescence study	J. Inorg. Organomet. Polym Mater., 2015, 25, 1151-1159	1.308
D. Hazari, S.K. Jana, S.K. Seth, H. Puschmann, **S. Dalai***	Structural Variability of Ag(I) Metal-Organic Networks: C−H···π and metal···π interactions	J. Coord. Chem., 2016, 69(3), 562-573	1.756
D. Hazari, S. K. Jana, H. Puschmann, E. Zangrando, **S. Dalai***	1D lead (II) coordination chains with carboxylate containing ligands. A rare example of polyrotaxane 1D → 1D interpenetrated coordination polymer	Inorg. Chem. Comm., 2016, 65, 1-3	1.762
Roy, Aparna; Maiti, Monali; **Roy, Sumita***	Effect of Hydrocarbon Chain and Amide Linkage on the Interfacial and Self-assembly Property of Nicotinic Acid Amphiphiles	*J. Chem. Eng. Data*, **2015**, *60*, 2209–2218. Print Edition ISSN: 0021-9568 Web Edition ISSN: 1520-5134	1.835
Maiti, Monali; Roy, Aparna; **Roy, Sumita ***	Surface and self-organization of sodium salt of 2-decyl pyridine-5-boronic acid and sodium salt of-2oxydecyl pyridine-5-boronic acid at two different pHs	*Colloid Polym Sci*, **2016**, *294*, 171–179. Print Edition ISSN: 0303-402X Web Edition ISSN: 1435-1536	1.890
A. Paul, S. Mistri, A. Bhunia, S. Manna, H. Puschmann,	Synthesis, crystal structure, DFT/TDDFT calculation, photophysical	***RSC Adv.* 2016**, **6**, 60487- 60501.	International Impact Factor = 3.289

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S. Manna*	properties and DNA binding studies of morpholino moiety ligand based two Cu(II) complexes in combination with carboxylates		
S. Mistri, H. Puschmann, **S. Manna***	DNA/protein binding, cytotoxicity and catecholase activity studies of a piperazinyl moiety ligand based nickel(II) complex	***Polyhedron***, 2016, 115, 155-163. (ISSN: 0277-5387)	International Impact Factor = 2.108
S. Mistri, A. Paul, A. Bhunia, R. K. Manne, M. K. Santra, H. Puschmann, **S. Manna***	A combined experimental and theoretical investigation on the Cu(II) sensing behavior of a piperazinyl moiety based ligand, and catecholase and biological activities of its Cu(II) complex in combination with pyridine 2,5-dicarboxylate	***Polyhedron***, 2016, 104, 63–72. (ISSN: 0277-5387)	International Impact Factor = 2.108
A. Bhunia, S. Manna, S. Mistri, A. Paul, R. Manne, M. Santra, V. Bertolasi, **S. Manna***	Synthesis, characterization, TDDFT calculation and biological activity of tetradentate ligand based square pyramidal Cu(II) complexes	***RSC Adv.* 2015**, 5, 67727–67737.	International Impact Factor = 3.289
Manna SK., Mandal A., Mondal SK., Adak AK., Jana A., Das S., Chattopadhyay S., Roy S., Ghorai SK., Samanta S., Hossain M, Baidya M	Pyrido[1,2-a]pyrimidinium ions – a novel bridgehead nitrogen heterocycles: synthesis, characterisation, and elucidation of DNA binding and cell imaging properties	Org Biomol Chem. 2015, 13, 8037-8047.	International 3.57
Mandal SM., Chakraborty A., **Hossain M**., Mahata D., Porto WF., Chakraborty R., Mukhopadhyay CK., Franco OL., Hazra TK., Basak A	Amphotericin B and Anidulafungin Directly Interact with DNA and Induce Oxidative Damage in Mammalian Genome	Mol Biosyst.2015, 11, 2551-2559	International 2.829
Jha R, Jha PK, Gupta S, Bhuvaneshwaran SP, Hossain M, Guha SK	Probing suitable therapeutic nanoparticles for controlled drug delivery and diagnostic	Mater SciEng C Mater Biol Appl. 2016, 61,235-245.	International 3.25

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	reproductive health biomarker development.		
Jha PK., Jha R., Gupta S, Bhuvaneshwaran SP, Hossain M, Guha SK	Comparative Nanoscale Interaction of TiO2/ZnO/Cu with Human Spermatozoa for Biomedical Application.	Advanced Science, Engineering and Medicine, 2016, 8, 360-369	International Impact factor not yet received
Jana SK. , Mandal, AK., SethS K. , Puschmann H., Hossain M., Dalai S.	Synthesis, Characterization and Crystal Structure of a New 3D Cadmium (II) Coordination Polymer: Binding Interaction with DNA and Double Stranded RNA.	OrganometPolym2016 , 26, 806–818.	International 1.308
A.K. Bhunia, T. Kamilya and S.Saha	Synthesis, Characterization of ZnO Nanorods and its interaction with Albumin Protein	Materials today: proceeding 3 (2016) 592-597	International
Amit Karmakar, Parimal Dua, and Chandradipa Ghosh	Biochemical and Molecular Analysis of *Staphylococcus aureus* Clinical Isolates from Hospitalized Patients	Canadian Journal of Infectious Diseases and Medical Microbiology, vol. 2016, Article ID 9041636, 7 pages, 2016. doi:10.1155/2016/9041636	
Parimal Dua, Supriya Kumar Misra, **Amit Karmakar**, Kunal Dutta, Chandradipa Ghosh	coronary artery disease (cad) risk factors and cardio-respiratory fitness in pre and post-menopausal women	J.Bio.Innov 5(2), pp: 245-261, 2016|ISSN 2277-8330 (Electronic)	
Debasree Ghosh, Sk. Md Abu Tman Saadi, Amal Kumar Mondal and Sanjukta Mondal (Parui)	Biosynthesis of Nano-Particle from Four Medicinally Important taxa in South West Bengal, India	Nano Vission, Vol.5(11), 305-312, November 2015	International
M. Chatterjee, G.C. Sadhukhan, J.K. Kundu	Indian Goosberry can effectively Reduce Cadmium Induced Testicular damage in 40 days Expose Mice	Acepted 2016, Current Science	
Ananya pradhan, Madhubanti Bepani, Pralay Maity, Sibsankar Roy, Sumita Roy and	Gold Nanoparticles from indole-3-carbinol exhibit cytotoxic, genotoxic and antineoplastic effects through the induction of	RSC Adv.,2016,6 56435-56449 ISSN: 2046-2069	3.84

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Sujata Maiti Chowdhury	apoptosis		
Chattopadhyay, S., Dash S.K., Mandal, D., Das, B., Tripathy, S., Dey, A., P., Roy, S.	Metal based nanoparticles as cancer antigen delivery vehicles for macrophage based antitumor vaccine.	Vaccine. 2016; 34:957–967	3.413
Das, S., Banik, A., Hati, A.K., Roy, S	Low prevalence of dihydro folate reductase (dhfr) and dihydropteroate synthase (dhps) quadruple and quintuple mutant alleles associated with SP resistance in Plasmodium vivax isolates	West Bengal. Malaria Journal. 2016 15(1):395	3.079
Mandal, D., Dash, S.K., Das, B., Chattopadhyay, S., Ghosh, T., Das, D., Roy, S	Bio-fabricated silver nanoparticles preferentially targets Gram positive depending on cell surface charge	Biomed Pharmacother. 2016; 83:548–558	2.323
Dash, S.K., Chattopadhyay, S., Karmakar, P., Roy, S	Anti-leukemic activity of betulinic acid from bulk to self-assembled structure	BLDE University Journal of Health Sciences. 2016 Jan 1;1(1):14	

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DIRECTORATE OF DISTANCE EDUCATION

"*The highest education is that which does not merely give us information but makes our life in harmony with all existence."*--------- Rabindranath Tagore.

In context of his views there should not be any constraints in acquiring knowledge in perspective of aptness for education within multiracial, multilingual and multicultural situation.

Distance education is the product of the convergence of two kinds of streams *i.e.* the educational vision of realizing human potential and the technological vision of liberation from space and time constrains (Prasad, V.S., 2016). Learner centeredness is considered as an important defining character of distance education. Distance education is a paradigm shift from the conventional teaching and learning system. The conventional face to face educational system is teacher centered whereas the open and distance learning is learners system. The teachers in distance education face multifaceted activities (Satyanarayan, R., 2016). Open learning is a philosophy and distance education is the means used for cultivation of this contemplation into reality.

The endeavor of the Directorate of Distance Education in Vidyasagar University was actually sparked in a meeting of the Advisory Committee of the Vice-chancellors of the State-aided Universities long back in 27th October, 1993 under the chairmanship of the then Minister-in-Charge, Higher Education, West Bengal. The Advisory committee aptly considered the recommendation to pertain the correspondence courses and entrusted the Hon'ble Vice-Chancellors of Vidyasagar University and Burdwan University with the responsibilities of the subsequent endorsement of the said method of learning by the Higher Education Dept., Govt. of W.B.

Accordingly, the Directorate of Distance Education under Vidyasagar University was formally established in 1994 and now offering Post Graduate courses on 13 several subjects of Arts, Commerce and Science in 36 study centre. It is worth mention that DDE VU deserves the credit of becoming the pioneer and only center in West Bengal conducting Laboratory based Post-Graduate Science courses. It is however praiseworthy to mention that this DDE expanded remarkably over the years in all respect specially, Programme, Enrolment and Study Centres.

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In order to maintain desired transparency, Vidyasagar University Executive Council in its seventh meeting on 16th July, 2013 revised "The First Regulations 1994" especially relating to the management of the Directorate of Distance Education and published the same with a view to make the system stronger and flexible enough so as to meet the need of each and every areas of management and administration.

The DDE VU constantly nurtures it's proficiency towards the goal of leading *centre of excellence* in the arena of Distance Education.

Members of Advisory Committee

1. Prof. Ranjan Chakrabarti, Hon'ble Vice-chancellor, V.U. – Chairman.
2. Dr. Jayanta Kishore Nandi, Registrar, V.U.
3. C.A. Anandamoy Sarkar, Finance Officer (Acting), V.U.
4. Dr. Ashim Kumar Sarkar, Controller of Examinations, V.U. & Director (Acting) – Member Secretary
5. Dr. Abdur Rahim, Secretary (Acting), P.G. Faculty Council, V.U.
6. Dr. Mukul Kanti Gole, U.G. Faculty Council, V.U.
7. Dr. Manabendra Mandal, Nominee, E.C., V.U.
8. Prof. Tirthankar Das Purakayastha, Nominee of E.C., V.U.
9. Prof. Pradip Chattopadhyay, Dept. of History, The university of Burdwan, External Member, Nominee of E.C., V.U.
10. Sri G. K. Pattanayak, Nominee of West Bengal Higher Education Council
11. Dr. Asim Kr. Bera, Principal, Mahishadal Raj College
12. Prof. Prakash Chandra Dhara, Representative of the P.G. faculty, V.U.
13. Prof. Srutinath Chakraborty, Representative of the P.G. faculty, V.U.
14. Prof. Subrata Kumar De, Dean, Faculty of Sciences (Acting), V.U.
15. Prof. Damodar Mishra, Dean, Faculty of Arts & Commerce (Acting), V.U.

Advisory committee Meeting held:

The total number of six meeting of the Advisory Committee had been held within the tenure of April, 2015 – March, 2016.

Administrative Officers:

1. **Director :** Dr. Ashim Kumar Sarkar
2. **Deputy Director:** Mr. Chinmoy Banerjee
3. **Officer on Special Duty**: Mr. Purnendu Shekhar Roy

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4. **Assistant Director :** Mr. Abhijeet Ghosh and Mr. Sudip Das
5. **Computer System Manager :** Vacant

Name of Faculties:

Sl. No.	Faculty	Present Designation	Qualification and Area of Specialization
1.	Dr. Barna Chakraborty	Core Faculty in Zoology	M.Sc. Zoology, M. Phil, Ph.D Specialization: Applied Entomology
2.	Dr. Soma Das	Core Faculty in Chemistry	M.Sc. Chemistry, Ph.D Specialization: Physical Chemistry
3.	Dr. Saswati Kapat	Core Faculty in Geography	Ph.D in Geography, Specialization: Applied Geomorphology
4.	Dr. Misha Roy	Core Faculty in Environmental Science	M.Sc. Environmental Science, M.Phil Environmental Science, Ph. D Specialization: Atmospheric Science

Main Campus :

Space:-i) (i) Present Institution
Land:138.78 acres
(ii) DDE Administrative Building:
Building -Area: 1500 sq.mts
(iii) DDE Guest House:
Building Area: 700s q.mts.
(iv) Cold Drinking water source: 02
(v) Laboratory: 06
(vi) IT /e-infrastructure:
Information Kiosk: 01

Manpower:
(i) No. of Counselors : 400 (approx)
(ii) No. of Core faculties: 04
(iii) No. of Officers: 06
(iv) No. of Group-C Staff: 07
(v) No. of Group-D Staff: 19
(vi) No. of Lab Staff : 03
(vii) No. of Data Entry operator: 01
(viii) No. of Casual Staffs: 11

Courses Offered:

No. of Science subject approved: 08
No. of Arts & Commerce subject approved: 06

1. M.A. in Bengali
2. M.A. in English
3. M.A. in History

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4. M.A. in Political Science with Rural Administration
5. M.A. in Sanskrit
6. M.Com. in Commerce with Farm Management
7. M.Sc. in Applied Mathematics
8. M.Sc. in Chemistry
9. M.Sc. in Environmental Science
10. M.Sc. in Physics
11. M.Sc. in Zoology
12. M.Sc. in Botany
13. M.A./M.Sc. in Geography
14. M.Sc. in Dietetics and Community Nutrition Management

Admission Gateway:

1. Directly at the Main Centre at Vidyasagar University.
2. Through widely spread Study Centres.

List of Study Center with the Subject Allotted:

Centre Code	Name of the Institution (Study Centre)	Subject (Seats are limited for Science Subjects)
001	Vidyasagar University Centre Ph. 03222-264338/297929	All Subjects.
002	Jogesh Chandra Chaudhari College Kol.- 33 Ph. 033-24174622/3042	Beng., Eng., History, Pol.Sc., Sans., Commerce, Env. Sc., Appl. Math, Physics, Geography,
003	Kshudiram Bose Central College, Kol.-06, Ph. 033- 25553889/9830127980	Beng., Eng.,History, Pol.Sc., Sans., Commerce, Geography
004	Belda College, Belda, Ph. 03229-255246/256221	Beng., Eng., History, Geography
005	Kaliaganj College, Uttar Dinajpur, Ph. 03523-258030 / 258100	Beng., Eng., History, Pol.Sc., Sans., Commerce,
006	Prabhat Kumar College, Contai, Ph.03220-255020 / 288970	Beng., Eng., Hist., Pol.Sc., Sans., Env.Sc., Physics, Appl. Math., Commerce, Zoology, Botany, Geography.
008	Ramsaday College, Amta, Howrah, Ph. 03214-260251	Beng., Eng., Hist., Pol.Sc., Sans., Commerce, Env. Sc., Appl. Math., Geography

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009	Panskura Banamali College, Ph. 03228-252222	Beng., Eng.,His., Pol.Sc., Sans., Commerce, Env. Sc., Chemistry, Geography
010	Jogamaya Devi College, Kol.- 26 Ph.033-22262540/22653414	Beng., Eng., His., Pol.Sc., Sans., Commerce, Zoo, Bot., Env. Sc., Geography, Appl. Math., Chemistry.
011	Calcutta Girl's College, Kol-13, Ph. 033-22262540/2445-0414	Beng., Eng., His., Pol.Sc., Commerce,
012	Women's College, Kol-03, Ph. 033-2533-2435/2554-4540	Beng., Eng., His., Pol.Sc., Sans., Commerce, Geography, Env. Sc., Applied Math., Zoology
013	Debra Thana Sahid Kshudiram Smriti Mahavidyalaya, Paschim Medinipur, Ph. 03222-243400	Beng., Eng., History, Sanskrit
014	Vivekananda College, Kol.-63, Ph. 033-24976824/6834	New admission is stopped from the session of 2016-17.
015	Uluberia College, Ph. 033-26610322	Beng., Eng., Hist., Env.Sc., Zoo., Commerce, Sans., Bot., Appl. Math.
016	Mahishadal Raj College, Ph.03224-240220/241597	Beng., Eng., Hist., Pol.Sc., Sans., Commerce, Env. Sc., Appl. Math., Geography, Chemistry, Zoology
017.	Krishna Chandra College, Hetampur, Birbhum. Ph.03462-270236-336	Beng., Eng., Hist., Sans., Botany, Zoology, Env.Sc., Appl. Math., Geography.
018.	Dr. Kanailal Bhattacharya College, Ramrajatala, Howrah. Ph. 033-26272490.	Beng., Eng., Hist., Pol. Sc., Commerce, Geography., Zoology
019	Shyampur Siddheswar Mahavidyalaya, Howrah. Ph. 03214-261221	Beng., Hist., Eng., Commerce, Appl. Math.,
020	Saldiha College, Saldiha, Bankura Ph.03242-262224	Beng., Eng., Hist., Sanskrit., Env.Sc.
021	Ramananda College, Bishnupur, Bankura, Ph. No. 03244-252059	Beng., Hist., Sanskrit, Commerce, Geography
022	Vivekananda College, East Udayrajpur, Madhyamgram, Kolkata - 700129. Ph. No. 9830278374.	Beng., Eng., Hist., Pol. Sc., Sans., Geography.

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023	Taradevi Harakchand Kankaria Jain College,6, Ram Gopal Ghosh Road Kashipur, Kolkata - 700002 Phone No. 033-25326056/32504680	English, M. Com.
024	Asutosh College 92, S. P. Mukherjee Road, Kolkata - 700026 Phone No. 033-24554504/24863912	English, History, Pol. Sc., Env. Sci,, Commerce, Chemistry
025	Haldia Govt. College Debhog, Purba Medinipur - 721657 Phone : 03224-252278/9332555267	Beng., Geography, Chemistry
026	Bajkul Milani Mahavidyalaya Kismat Bajkul, Purba Medinipur Pin - 721655, Phone : 03220-274460	Beng, Eng., Sanskrit, History, Geography
030	Khejuri College, P.O. : Baratala Purba Medinipur, Pin : 721432 Phone : 03220-280235/219126	Beng., History.
031	Sammilani Mahavidyalaya Baghajatin, E.M. Bypass, Kolkata- 700 094 Ph. 03324626869	Bengali, History, M.Com; Geography, Appl. Math., Eng., Phys., Pol. Sci., Sans.
032	Bangabasi Morning College 19, Rajkumar Chakraborty Sarani, Kolkata -9, Ph. No. 03323509210/23607586	History, Bengali, English Environmental Science, Applied Math., M.Com
033	Institute of Genetic Engineering Badhu, Kolkata-128 Ph. No.: 25260051/52/53	Zoology, Botany, Environmental Science
034	Malda College, P.O.+Dist.- Malda, Pin -732101	New admission is stopped from the session of 2016-17.
035	Carreograph Institute of Management Studies 227-D, APC Road, Kolkata-700 004	M. Com
036	Vidyasagar Evening College 39, Sankar Ghosh Lane, Kolkata -6	Geography
037	Egra Sarada Shashibhusan College P.O.-Egra Dist.- Purba Medinipur Pin-721429 Phone – 03220-244073 / 245557Phone – 03220-244073 /	Zoology

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038	Sarsuna College 4/HB/A, Ho-Chi-Minh Sarani, Sarsuna Upanagari Kolkata – 700061 Phone – 033-24523699/4104	Comm., Beng., Eng., Hist., Pol.Sc., Sans., Env.Sc., Physics, Chem. Appl. Math., Zoology, Botany, Geography
039	East Calcutta Girls College P-237 Block –B, Lake Town Link Road Kolkata – 700089 Phone – 033-2534-8039/ 2521-0154	Geography
040	Mahishadal Girls' College Vill-Rangibasan P.O.+P.S.- Mahishadal Dist- Purba Medinipur Pin-721628 Phone -	Bengali, Env. Sc.
041	Bikash Bharati Law College Vill-Ramkrishnapur (N) P.O.- Sukdevpur, P.S.- Bishnupur Dist.- 24 Pargana (S)Pin-743503 Phone – 033-24808051	Comm, Bengali
042	Seva Bharati Mahavidyalaya At- Kapgari, Dist.- Paschim Medinipur Pin-721505 Phone : 03221-205780	Commerce, Bengali,
043	The Gujrati Institute of Management and Technology 29, Polok Street, Kolkata – 700 001 Phone – 033-22351585 / 8017013951	Commerce, Maths, Env. Sc
044	Ramnagar College P.O-DEPAL, Dist- Purba Medinipur Pin-721453 Ph-03220-634241	Bengali, History, Sanskrit, English
045	Bankura Christian College, College Road, Bankura, West Bengal – 722101 Ph. No. 03242250924	Zoology , Botany
046	Sovarani Memorial College, Jagatballavpur, Howrah, West Bengal – 711408, Phone – 03214-255038	Bengali, History,& English
047	Charu Chandra College, 22, Lake Road Kolkata-700029. Phone – 03324663771	English ,Chemistry & Zoology

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048	Bhairab Ganguly College, Feeder Road, Belgharia, Kolkata – 700056 Phone – 033-25643191	English , History , Zoology , DCNM , Geography
049	Barrackpur Rastraguru Surendranath College, 6, Riverside Road, & 85, Middle Road, Barrackpur, Kolkata – 700120, Phone -033-25928855	Bengali, English, History , Comm, Zoology Botany, Env.Sc
050	Bagnan College, PO – Khalore, Bagnan, Howrah – 711303. Phone-03214-272396	Commerce, History, Bengali
051	Shirakole Mahavidyalaya, Shirakole, South 24 Parganas, Pin – 743513 Phone – 8420250721	Pol. Sc, History, Bengali
052	Shibpur Dinabandhoo Institution (College), 412/1 GT Road (South), Howrah – 711102	Chemistry, Env.Sc

Induction Meeting With The Study Centres:

The induction meeting with the study centres regarding the problem-solutions and open discussion in running different courses in study centre was held in September 1, 2015.

Major Routine Activities of the DDE:-

- Admission with most convenient way
- Preparation of Self-Learning Materials(SLMs)
- Issue of Self-Learning Material(SLMs)
- Conduction of Personal Contact Programme (PCP) (Theory & Practical)
- Coordination with the Study Centres under DDE
- Conduction of adequate Practical Session
- Conduction of Study tour
- Receipt, Evaluations and return of Assignments
- Conducting theory examination of 13 different subjects of Arts, Commerce & Science and Practical Examination of 7 Science subject throughout the year
- Publication of Examination results in regular way
- Publication of Review results.
- Holding Seminars/Workshop on different academic issues.

Highlights:

- ✓ Upgradation and modification of existing science laboratories *viz* Botany, Environmental Science, Geography, Physical Chemistry and Zoology by statistical instruments. Chemistry laboratory is going to be established
- ✓ Library and Computer Lab with LAN facilities have been established in the second floor in DDE building.

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- ✓ Kiosk has been installed at the Ground floor at DDE building providing student information service.
- ✓ Zoology Science Lab having full of equipments viz all sophisticated instruments like hot-air-oven, Analytical Instruments (Balance, Digital etc), pH. meter, Spectrophotometer, Water Bath, Deep Freezer, Fame Photometer, Remi centrifuge, Colorimeter, Soil thermometer, Lux meter, Light Sound meter etc. along with plenty of chemicals & glass wares.
- ✓ Environmental Science Laboratory has all essential analytical instruments like hot-air-oven, pH. meter, Conductivity meter, Soil moisture meter, High volume air sampler, Hot air oven, Incubator, Light microscope, Lux meter, Sound meter, Soil thermometer, Digital balance, etc. along with plenty of chemicals & glass wares etc.
- ✓ Geography Lab have full of equipments viz Image Processing Software, GPS, Surveying Instrument (ground), Anemometer, Stereoscope etc.,
- ✓ Chemistry Laboratory (physical) is established with Scientific Instruments like Polarimeter, Potentiometer, Conductometer, pH meter, Spectrophotometer (Double-beam), Distiled water plant and different chemicals & glass goods.
- ✓ Science Laboratories, Library and Computer Centre with LAN Facilities have been established in the second floor of the DDE building.
- ✓ Kiosk has been installed at the DDE for student's information service out of the DDE grant.
- ✓ SMS based real time contact with the students about PCP,
- ✓ Wireless LAN has been installed in the university utilizing the DEB grant.
- ✓ Academic cum administrative building and extension of DDE guesthouse has been established using DEB grant

Achievements:

- ❖ The DDE has given an opportunity to a large number of students for higher education.
- ❖ The DDE of Vidyasagar University is the first Institution to introduce science subjects in its course curriculum in the Eastern region in India.
- ❖ DDE has created resource persons for Undergraduate Colleges in Environmental Science, which has been introduced in all colleges as compulsory subjects.
- ❖ Several employed students have been benefitted professionally in terms of knowledge and position in their offices/institutions.
- ❖ Several passed out students have been employed in Govt./Semi-Govt. educational institutions and private organizations.
- ❖ Several passed out students have qualified in the all India competitive examination like NET/ SET/GATE etc.
- ❖ Several passed out students are doing research work in different CSIR, DST laboratories & different Universities in India and also in abroad.

Enrolment in the DDE, 2015-16:

Total enrolment in different course under the DDE during 2015-2016**.**The detail break-up of enrolment (subjects wise) is furnished below.

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Sl.	Subjects	Part-I	Part-II
1.	Bengali	1380	1276
2.	English	643	416
3.	History	928	958
4.	Political Science	155	148
5.	Sanskrit	592	367
6.	Geography	1041	761
7.	Physics	351	85
8.	Chemistry	285	1
9.	Applied Mathematics	178	91
10.	Zoology	385	159
11.	Botany	275	12
12.	Dietetics and community Nutrition Management (DCNM)	349	227
13.	Environmental Science	326	235
14.	M.Com	892	497
	Total	**7780**	**5233**

Subject Committee Meetings Held From April 2015 to March 2016:

- In connection with the proposed change of subjects and related modules the following subject committee meeting was held from April 2015 to March 2016.

SL. NO.	SUBJECT	NO. OF MEETING HELD
1.	Bengali	02
2.	History	02
3.	English	02
4.	Political Science	02
5.	Sanskrit	02
6.	Commerce	02
7.	Botany	02
8.	Physics	02
9.	Zoology	02
10.	Chemistry	02
11.	DCNM	02

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12.	Mathematics	02
13.	Environmental Science	02
14.	Geography	02

Teacher wise publication record for the period (April 2015 to March 2016):

i) Dr. Barna Chakraborty

Conference/ Symposium /Journal Paper / Books Published:

Effect of organic manures on biochemical constituents of mulberry leaf and its impact on cocoon parameters of silkworm *Bombyx mori* L ,Metro Journal of Modern Science, (MJMS) Volume- 2, Issue 1, Pages 72-75 , May 2015

Seasonal variation of leaf yield in mulberry raised under bio and organic treatments in drought prone lateritic zone of West Midnapur, West Bengal, Journal of Research & Development Organization (IJRDO). Voume-1, Issue-1, Pages-1-8, May 2015

ii) Dr. Misha Roy

Conference/ Symposium /Journal Paper / Books Published:

1. *National Conference on Open Educational Resources*, December, 18-19,2015, Netaji Subhas Open University, W.B
2. *National Space Science Symposium*, Feb. 09-12, 2016,Vikram Sarabhai Space Center, Thiruvananthapuram, Kerala
3. Beta Radiation Effects on the Growth Parameters of Phaseolus Vulgaris L by **M.Roy** in *International Journal of Science, Environment and Technology*, Vol. 4, No 6, 2015, pp. 1558 – 1565, 2015 (ISSN: **2278-3687** (O), **2277-663X** (P), Impact IC**: 48.29).**
4. Beta Radiation Effects on The Biochemical and Morphological Properties of *Phaseolus vulgaris* by **M.Roy** in *International Journal of Multidisciplinary Approach and Studies*, Vol. 02, No.6,pp. 17-24,2015 (ISSN **2348-537X**, Impact IC**: 90.2,** ISI**: 2.593).**
5. Open and Distance Learning: Widening Participation in Higher Education System by **M.Roy** in Open and Distance Learning System Recent Developments, Anirban Ghosh, ed, School of Professional studies Netaji subhas open university, pp.25-31, 2016 (ISBN: **978-93-82112-28-0**).

Students Support System:

i) Through website:

The Directorate of Distance Education extends the facility of student support systems through website. (http://dde.vidyasagar.ac.in). The website displays information regarding admission, PCP/Practical classes, results etc. Application forms for admission along with the prospectus can be downloaded from the website also.

The details of different notifications, regarding examination etc are also published in leading dailies for reaching the students in particular and interested public in general.

ii) Newspaper Notification:

Details of admission schedule, examination schedules and other necessary notification are also made available through advertisement in two leading daily The Statesman and Bartaman in specific date (1st and 15th day of each month).

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iii) Online admit card:

Students can now download their admit cards for part-I and part-II examination from the DDE website and they can also report for any correction in admit card.

Preparation of Self Learning Materials (SLM's)

Hard copy: (in paperback format): SLMs (Self Learning Materials) are prepared in the form of Modules by the Faculty members of Vidyasagar University as well as by the Eminent Scientists and experienced faculties from other Universities, IITs and academic / research institutions. After editorial scrutiny, SLMs are printed and are made available to the students. The SLM are prepared in accordance to the DEB Guidelines so that these appear most comprehensible to the students.

AV Materials:-

For Science subjects, to provide students support services and better visualization and simulation of practical classes DVDs are prepared. DVDs have also been prepared on the field Studies and project work made by the students for future reference.

Examination conducted during the period April, 2015 – March, 2016

Subject wise no. of Students who appeared in M.A., M.Com and M.Sc. Examinations and passed in 2015- 2016

M A / M COM / M Sc-Part-I examination 2015

.

Subject	Appeared	Passed (%)
History	1203	1095 (91.02)
English	583	489 (83.87)
Sanskrit	663	447 (67.42)
Zoology	267	210 (78.65)
Env. Sci	212	201(94.81)
DCNM	251	240 (95.61)
Pol . Sc	186	162 (87.09)
Mathematics	158	98 (62.02)
Geography	834	779 (93.40)
Physics	150	90 (60)
Bengali	1630	1459 (89.50)
Commerce	730	545 (74.65)

*Botany, Chemistry, *Part-I examination not held for these subjects during the period April, 2015 to March, 2016

M A / M COM / M Sc-Part-II examination 2015

Subject	Appeared	Passed (%)	Number of Students scoring Marks obtained 60% and above
History	1066	981 (92.03)	1
English	449	429 (95.54)	5

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Zoology	150	138(92.0)	30
Sanskrit	325	267 (82.15)	21
Env. Sci	236	230 (97.46)	125
DCNM	166	165 (99.40)	79
Pol . Sc	170	144 (84.70	Nil
Mathematics	113	95 (84.07)	21
Geography	637	621 (97.48)	19
Bengali	1530	1419 (92.74)	Nil
Commerce	479	360 (75.15)	6

*Botany, Chemistry, Physics
*Part-II examination not held for these subjects during the period April, 2015 to March, 2016

Future Proposals:

- Online admission will be implemented from the upcoming session.
- E-module will be available in near future for students as a part of e-learning.

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OFFICE OF THE PROGRAMME COORDINATOR
NATIONAL SERVICE SCHEME

NSS Activities Report
[2015-2016]

1. Information regarding NSS (National Service Scheme) :
   (a) No. of Units runned by all affiliated colleges : 131 (Including 3 SF Units)
      (i) Total no. of Volunteers (Male & Female) : 13195
      Male: 7974 Female: 5176
   (b) No. of Units administered by the University : 11
      (i) Total no. of Volunteers (Male & Female) : 1100
      Male: 642 Female: 458
   (c) Participation:
      (i) No. of Camps for Rural Development : 115
      (ii) No. of volunteers participated in : 5750
      (iii) No. of adopted villages/slums allocated : 142
      (iv) No. of villages/slums adopted : 142
      (v) Total no. of colleges under the university : 54
      (vi) Total no. of colleges having NSS : 47
      (vii) No. of Trees planted : 8280
      (b) No. of volunteers participated : 4750
      (viii) (a) No. of Blood Donation Camps : 47
      (b) No. of volunteers donated their blood : 1738
      (ix) Pulse Polio Immunization Programme : 02
      (a) No. of volunteers involved : 82
      (b) No. of beneficiaries : 79
      (x) No. of Programme Officers : 142
      (a) No. of Trained Programme Officers : 133
      (b) No. of Untrained ProgrammeOfficers : 09
      (xi) Observance of days/weeks :
      National Youth Day, Netaji's Birthday, Republic Day, World Women's Day, Vanamahatsava Week, Independence Day, International Literacy Day, World Health Day, NSS Day, Environment Day, World AIDS Day, National Blood Donation Day, Gandhi Jayanti, National Integration Day, AranyaSaptah, International Day of Yoga, Literacy week, by different colleges and University also.
      (xii) National Integration Camp : 02
      (xiii) Participation in other programmes :
      Mega Camp : 01
      Adventure Camp : 21 (including 01 PO)
      Youth festival : 04 (including 01 PO)
      State RD Camp : 07
      Pre RD Camp : 13
      RD Camp : 01

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2. National Adult Education Programme:
   (a) College:07
   (b) University: 02

3. Highlights:

1. Observation of Gandhi Jayanti by all colleges and University also
2. Communal Harmony Month
3. Birth Anniversary of SardarBallabhvai Patel on 31st October 2015
4. Celebrate National Integration Day on 19 November 2015 by NSS Cell Vidyasagar University and also by all the colleges
5. QuamiEktaSaptah also awarded all slam area by the NSS Volunteers to the slam people
6. Celebrate World Aids Day on 1 December 2015 by NSS Cell Vidyasagar University and also by all the colleges in this connection many Rally, Seminar, Street drama and Blood donation camp organized.
7. Many colleges are organized Thallasemia Detection and awareness camps near about 15 camps organized
8. Orientation training programme for New (1st year) NSS Volunteer of per unit one volunteer attend the programme 10.12.2015 Orientation training for NSS Volunteers of all colleges of Vidyasagar University.142 volunteer are present in this programme of all the NSS units of vidyasagar university in this programme present The Dean of arts Professor DebasishisBondyopadhyay,Regional Director NSS, Sarita Patel. Youth Officer NSS, Deepak Kumar, Kolkata. NSS Programme Coordinator Vidyasagar University are present this programme.
9. All colleges and Vidyasagar University also arranged a rally about the birthday of Vivakananda as World Youth Day on 12.01.2016 in this connection we are organized an essay competition will organized on 11.01.2016 and also arranged a seminar on 20.01.2016.
10. All colleges and Vidyasagar University also celebrate birthday of NetajiSubash Chandra Bose on 23.01.2016 in this connection many colleges arrange some different types of programme
11. National Voter Day - Election Commission of India will organized by the all colleges and Vidyasagar University
12. All colleges and Vidyasagar University also celebrate Republic Day on 26.01.2016 in this connection many colleges arrange some different types of programme
13. All colleges and Vidyasagar University also arranged a rally about the anti tobacco. Vidyasagar University NSS Cell and ManbhumAnanda Ashram Nityananda Trust - MANT, Kolkata, India organized a sensitization programme on 17.02.2016 with the All NSS Programme Officers and Principal of the Colleges. All the colleges are organized rally and seminar in this connection and all the NSS Volunteer and others slums people in this regard.

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14. Few colleges and are organized Winter special Camp in the slum areas development and awarenessprogramme will be organized in this matter.
15. Some of colleges organized thallasemia detection camp and Vidyasagar University also organize two day camp on 25.02.2016 & 26.02.2016 in this regard
16. Our University participated in the VivakSamhatiUtsab- 2016 on 04.02.2016 at Golepark, Kolkata and Jadavpur University. 15 NSS Volunteers and with include one Programme Officer in this regard.
17. Few colleges and are organized Winter special Camp in the slum areas development and awareness programme will be organized in this matter.
18. Some of colleges organized Thallasemia detection camp and Vidyasagar University unit XI also organize one day camp on 09.03.2016
19. Some of colleges organized Blood group detection camp and Vidyasagar University unit XI (09.03.2016) & Unit III (15.03.2016)
20. World Women's Day celebration on 08.03.2016 all Colleges and Vidyasagar University also organize a debate, recitation, painting competition jointly with Women's Study Centre of Vidyasagar University in this reared

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WOMEN'S STUDIES CENTRE

The following programmes have been conducted by Women's Studies Centre during 2015-2016.

1. A lecture programme on "Women Medical Care and the Colonial State" was held on 31st July, 2015 at B.C. Mukherjee Hall in Vidyasagar University. Speaker was Shamita Sarkar, Associate Professor Department of History, Vidyasagar University and 69 studentsfrom different departments of this university participated.

2. A lecture programme on "Indian Army Rape Us-Kristeva's Herethics &the Semiotic Bodies of Mother of Manorama" was held on 13 August, 2015 at S.N. Bose Hall in Vidyasagar University. Speaker was Sagnika Chanda, Faculty Adjunt & Scholar, Department of English, University of Pittsburgh, USA and 21students from different departments of this university participated.

3. A training programme on "Discourse on Human Rights Focusing Women Issues" was held on 17th December, 2015 at Birendra Nath Sasmal Hall in Vidyasagar Univetrsity, sponsored by National Human Rights Commission,India and Vidyasagar university. Speaker were Prof. Bonita Aleaz, University of Calcutta, Prof. Payel Roy Chowdhury, Rabindra Bharati University, Sutapa Mallick, Civil Judge, District Session Court, Paschim Medinipur, Ajoyendra Nath Bhattacharya, Secretary, D.L.S.A. Paschim Medinipur , Prof. Chandradipa Ghosh,Vidyasagar University and Prof. Rajkumar Kothari ,Vidyasagar University, and 109 students of our university participated.

4. A three week long Winter School Programme on "Gender Women and Society: debates and developments" was held during 5th – 25th January, 2016. 51 resource persons from different institutes from all over India came to lecture and 29 participants join the course from different university and colleges.

5. International Women's Day was observed on 8th March, 2016 with great enthusiasm. 91 students participated in different competition like painting, recitation and debate. Our teachers were present as judge.

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INTERNAL QUALITY ASSURANCE CELL (IQAC)

Internal Quality Assurance cell (IQAC) of Vidyasagar University has made an active effort to comply the national action plan of theNAAC and UGC for performance evaluation and quality up-gradation of the university. Sincere efforts have been made to enhance the academic excellence of the university**.** It also helped to disseminate information on the various quality parameters of higher education among the members of the university community.

Goals: The followings are the goals of the IQAC

* Ensuring timely, efficient and progressive performance of academic, administrative and financial tasks
* The relevance and quality of academic and research programmes
* Optimization and integration of modern methods of teaching and learning
* The credibility of evaluation procedures
* Ensuring the adequacy, maintenance and functioning of the support structure and services
* Research sharing and networking with other institutions.
* Acting as a nodal agency of the Institution for coordinating quality-related activities, including adoption and dissemination of best practices.

Activities: The followings are the activities of IQAC in last year (2015-2016):

1. **Analysis of student's feedback for evaluation of teachers**: IQAC monitored the process of evaluation of teachers from students' feedback data. The data was analyzed with the help of a software agency. The statically analyzed data, both in numerical and graphical form, were provided to all faculty members of the university. Total confidentiality was maintained for the entire process.
2. **Formation of Departmental IQAC**: With the initiative of IQAC departmental IQAC units have been formed to assist the central IQAC of the university. The unit was consisted of two teachers and one research scholar / student for each department. Departmental IQAC units help the department to collect information required for preparing reports and to send them to central IQAC. Unit also help the faculty members to compute API score for applying for promotion for CAS.
3. **Construction of new Animal house:** The IQAC has takenan initiative to form a centralized Animal House. A building has been allotted for this purpose. Further internal constriction is in progress. Steps have been taken to purchase equipment and materials for the animal house. The registration process of the animal house is in progress.
4. **Journal list:** IQAC has prepared a comprehensive list of journal according to the guidelines of UGC, for different subjects taught in this university. The list of journals was prepared by taking inputs from all academic departments of the university. The list was uploaded in the Vidyasagar University website. The said list has also been sent to UGC.
5. **Support for the process of CAS of the University teachers:** The IQAC participated in the process of career advancement scheme (CAS) for the university teachers. The API scores were computed for a number of cases for the promotion of teachers. The API scores of 35 teachers of the university have been

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completed. For this purpose a regular contact was kept with the registrar office and concerned teachers for verifying the related documents

6. **Formation of parents committee:** The IQAC took an effort to form parents Committee in each department of the university. Each department has formed the committee with three to four parents members. The departments have been requested to interact with the parents regarding different aspects of teaching learning as well as different administrative procedures which are related to the students.
7. **Support for direct recruitment of teachers**: API scores of the applicants for direct recruitment (open post) were computed. The initial verification of minimum qualification for the post was made for each application.
8. **Record keeping of SAR for the teachers:** IQAC has collected Self Assessment Report (SAR) for all faculty members. The IQAC has taken necessary steps for keeping the records of all SARs of the teachers in a systematic manner.
9. **AQAR:** The IQAC has prepared the annual report (AQAR) for the last academic year in the prescribed format of the NAAC by collecting information from the academic departments and administrative sections and it was sent to the NAAC.
10. **Choice based Credit system (CBCS):** The IQAC extended its support to the administration as well as academic departments for implementing this system. The CBCS system has become operational from the last academic session.
11. **Introduction of interdisciplinary course:** The IQAC has suggested opening interdisciplinary course in the university. The university authority has accepted the proposal and agreed to open and integrated M. Phil.–Ph. D. programme in life science. The process has been initiated and a committee has been formed for framing syllabus etc.
12. **Online admission**: IQAC suggested introducing on-line admission system in the university. The system has been implemented in the university
13. **Strengthening of Alumni Association**: Vidyasagar University has an Alumni Association. IQAC requested to strengthen the Association, so that the association can take part in different academic and administrative matters of the university by extending their support and suggestions. The association has been registered under Society registration Act.
14. **Wifi facilities**: IQAC advocated for wifi facilities in the whole university campus for all the teachers, students and employees of the university. The University is taking the required steps for implementing these facilities.

Future Plan

- To enhance the number of smart class room in the academic departments
- To introduce more numbers of interdisciplinary programmes.
- To introduce online students' feedback system.
- To enhance the collaborative research among the departments and to take initiative for inter-institutional collaboration
- To enhance outreach programmes for the members of the backward community
- To introduce fully e-based system for different administrative processes like, admission , result publication etc
- To complete the process of building a central Animal House in the university

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OFFICE OF THE MEDICAL OFFICER

1. The Medical Unit started at Vidyasagar University in 1998.From the period up to Sept, 2012 only One Medical officer was there in the Unit. No other Technical staff was present. From Oct, 2012 two technical staffs (as Medical Assistants) were recruited on contractual basis.

   At present the Medical Unit is running with One Part-time basis Medical officer (Former Medical officer at study leave),Two Technical Assistants(Medical) and one Non-Technical Female Staff.

2. Medicines for the common ailments are being provided to the students and other university communities.

3. FirstAid facilities are being provided for the patients having injury or trauma.

4. In emergency cases E.C.G facilities and blood sugar measuring facility are also available in this unit.

5. If situation demands oxygen is given to the patients. Sometimes Pulso-Oxymeter machine is also used to check the Oxygen saturation in blood of the patient.

6. Ultrasonography test will be starting soon. (This is also waiting for proper space).

7. An Eye check up clinic will also be starting soon. Many modern equipments have been bought for this purpose. (This is also waiting for proper space)

8. In case of serious emergency patients are being referred to the Midnapore Medical College & Hospital by our Own Ambulance.

9. Annual Sports, Convocation and other important events which take place at the university campus or anywhere, the medical unit extends its service and co-operation during the period of these events.

10. Per month on an average about 220-250 numbers of patients visit the Medical Unit.

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FACULTY OF ARTS AND COMMERCE

DEPARTMENT OF BENGALI

01. Name of the Department: Bengali

02. Name of the Teachers with Designation

Sl No	Name of the Teacher holding the Post	Present Designation	Area of Specialization
1	Prof. Layak Ali Khan	Professor	Medieval Literature, Drama
2.	Dr. Srutinath Chakraborty	Professor	Tagore Literature, Drama, Western Literary Theory
3.	Prof. Bani Ranjan De	Professor and Head	Linguistics, Literary Theory, Modern Poetry
4.	Dr. Chhanda Ghoshal	Associate	Linguistics, Folklore
5.	Dr. Monanjali Bandyopadhyay	Assistant Professor	Folklore, Fiction
6.	Dr. Saroj Kumar Pan	Assistant Professor	Medieval Literature, Fiction
7.	Dr. Sujit Kumar Pal	Assistant Professor	Linguistics, Kathasahitya, Musicology

03. Examination Results (Final Examination), 2015-16

Name of the Exam.	No. candidates appeared	No. of candidates obtained First class	No. of candidates obtained Second class
Semester IV	102	97	05

04. Number of successful candidates appearing in NET, GATE, SET and other remarkable examinations. (2015-16)

NET	GATE	SET	Others (PSC)
04		02	02

05. Teacher-wise record for the period (April 2015 to March 2016)

a) Participation in the Seminars / Symposia/ Workshops(Names of co-authors not required)

Name of the Seminar/Symposia/ Workshop	Duration	Held at	Title of the Paper Presented	National/ International
Prof. Srutinath Chakraborty				
Bhasha Divas	One Day	Garbeta College	Key Note Address: Bhasha Divas	National
History and Culture of	Two Days	Mohonpur	History and	International

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Midnapore		Govt. College	Culture of Midnapore	
Suniti Kumar	One Day	Ghatal Rabindra Shatabarshiki College	Presided: (Thrust Area): Suniti kumar	National
Prof. Layak Ali Khan				
Janmoshatabarshe Bijan Bhattacharya	Two days	Dwijendralal College	Bijan Bhattacharjer Natok: Nabanna	National
Ganonatyasangher purodha Natyokar Bijan Bhattacharya – Shatobarsher Darpone	Two Days	Birbikram Memorial College, Agartala	Ganonatyasangher purodha Natyokar Bijan Bhattacharya – Shatobarsher Darpone	National
Prof. Bani Ranjan De				
Stylistics	One Day	Gopiballavpur College	Stylistics and Bakroktibad	National (Resource Person & Chair Person)
History and Culture of Midnapore	Two Days	Mohonpur Govt. College	Kedarkundo Pargar BismritoItihas O sanskriti	International (Resource Person)
Excellence in Higher Educationan: Challenges and Remedies	One Day	Silda College	Challenges in Higher Education and solutions	National (Resource Person & Chair Person)
Dr. Chhanda Ghoshal				
Bangla Upabhasha Charachar Nana Dik	30th May, 2015	Aliah University	Jharkhandi Upabhashao Bangla Sahitye Tar Proyog	National
Manbhumi Lok Sahitye Nandanikata	14th Sept, 2015	Kashipur Michael Madhusudan Mahavidyalaya	Manbhumi Loke Sahitye Nandanikata	State Level
Unish-Bisher Kabita: Oitijhya o Uttaradhikar	1st Oct. 2015	Mnabhum Mahavidyalaya	Bish Sataker Bangla Kabitar Sailee Prosonge Shaktir Jete Pari Kintu Keno Jabo	National
Dr. Monanjali Bandyopadhyay				
	Two Days	Raja N.L.Khan Women's College	Pteridophytes as Folk leafy vegetable	National
	Two Days	BCKV Lake Hall	Avifaunal Diversely in a Bengali Novel	International

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	Two Days	BCKV Lake Hall	Mangifera Indica in the sayings of Khana	International
Dr. Sujit Kumar Pal				
Bangla Upobhashar Rupboichitra	29-30 May 2015	Aliah University, Kolkata	Murshidabad Jelar Kothya Upobhasha	International (Resource Person)
Puraner Nabanirman: Sampratik Sahitye	24-25 June 2015	AsannagarMadan Mohan Tarkalankar College, nadia	Dwijendralaler Gan: Puratani Swar	National (Resource Person & Chair Person)
Unish Shotokiyo Swadesh Chetanar Prekkhite Dwijendralaler Natyovabna	11-12 August 2015	Serampore Girls' College, Hooghly	Dwijendra laler Gaan	National (Resource Person)
Bengali Novels of Two neighbouring countries	6-7 October 2015	Ranchi University	SamareshBasur 'Ganga': Jele Jibon Katha	International
Bangla Wikipedia for Studying Bangla Language and Literature	28 September 2015	Hijli College, Kharagpur	Bangla Font	National Seminar & Workshop
Teaching with Technology	10.10.2015-16.10.2015 (one week)	Vidyasagar University	Workshop	National
Bengal Studies	12.13 December 2015	Tokyo University of Foreign Studies	Bango Rangoanche Avinetri Tripti Mitra: Avinoy Shilper Angone	International
Uttradhunikta O Bangla Sahitya	5th February 2016	Department of Bengali, Srerampore College, Hooghly	Uttaradhunikatay Samaresh Basur Uponyas	National (Resource Person)
Globalisation and Bengali Literature	2nd March 2015	Surendranath College for Women Kolkata	Bangla Sahityocharchar Biswayane Bangla Software O Bangla Font	International
Application And Deployment of E-Learning Platform in University: Moodle	9-10 March 2016	Computer Centre Vidyasagar University	Workshop	National
Dr. Saroj Kumar Pan				
Bangla Upabhasha CharcharNanadik	30-31 May 2015	Department of Bengali, Aliah University	Bangla Upabhasha: Shista Sahityer Anyatama Bhitti	International

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b) Research Papers/ Books/ Articles/ Others published (2015-16)

i) Research Papers/ Articles/ Chapters in Published Books:

Name of the faculty with co-authors (sequentially)	Title of the Research Paper	Name of the Journal, Vol. NO., Year & pp. (ISSN/ISBN)	National/ International, Impact Factor/ Citation Index
Prof. Bani Ranjan De			
	Pulishi Bhasha	Bahurupe Bhasha,Vol.-01, 2015, ISBN- 978-93-85392-40-5	National
Prof. Layak Ali Khan			
	Sritisattabhabishyter kobi Bishnu De	Adhunikbanglasahitya: Daho o dhrohaISBN:9789384491-19-7	National
	Bangla dhrohikabita:Adhunikyuga	Bangla sahityapriran o pratibad ISBN:978-9384491-07-9	National
	Raktakarobi trajedi: Mrityormamritorgamoy	Kingshuk,2016 ISBN:23945877	National
Dr. Sujit Kumar Pal			
	Deshbhager Smitisattay Samaresh Basur 'Khandita'	Ekabinsha, VOL:II, Issue:01, Editor: Sujit Kumar Pal, October 2015 ISSN: 2348-800X	International
	Raktakarabi: Prasango Karshonjeebee O Akarshonjeebee Sovyotar Dwandwa	Jalsinri, VOL:VI, No:1, Editor: Timir Dey, Assam, October, 2015	National
	Vivekanander 'Birbani': Kobita O Ganer Anushango	Jagaran, VOL: II, Issue: I, Editor: Bimal Das, January 2015 ISSN: 2350-0042	National
	Karnataki Taal: Ranbindranather Gaane O Sahitye	Onuranan, VOL:3, Issue: 3, Editor: Samiran Mondal, November 2015	International
	Samaresh Basur Nirbachito Kichu Galpe 'Myth' Prasango	Samay Tomake, Editor: Shankari Das, January 2016 ISSN: 2231-5802	National
	Nagarik Sanskritite Bangla Kothya Bhasha: Kolkata O Murshidabad	Sahabati, Editor: Nandini Bandyopadhyay, January 2016 ISSN: 2454-2512	National
	Ashapurna Devir 'Beabru':	Prasango Ashapurna Devir	National

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	Modhyabitter Sankat	Nirbachito Chotogalpo, Editor: Samaresh Majumder And Tapan Mandal, Bidya, Kolkata-126, July 2015, ISBN: 978-93-83093-16-8	
	DwijendralalerGaan: Ucchanga Sangeet Gharanar Anushange	Srasta Dwijendralal Roy O Seeta, Editor: Debabrata Biswas, Byanjanbarno, Kolkata-9, June 2015 ISBN: 978-81-929245-7-1	National
	'GhareBaire' Samporker Tanaporen: Nikhilesh, Sandeep O Bimala	Ghare Baire Bodhe – Manane, Editor: Shital Chowdhury, Granthabikash, Kolkata-9, January 2016, ISBN: 978-93-83018-52-0	National
Dr. Chhanda Ghoshal			
	Dijendralal Rayer Samajik Natak	Srasta Dijendralal Ray O Sita,Ed. Debabrata Biswas By Byanjanbarna, PG,106-115.Jun, 2015 ISBN: 81-929245-7-1	National
	Debigarjan: Namnabargiya Samajer Pratibad o Pratisthar Padosanchar	SrastaBijan Bhattacharya O Debigarjan, Ed. Debabrata Biswas By Byanjanbarna, PG, 266-274, July,2015 ISBN: 978-93-84729-18-9	National
Dr. Monanjali Bandyopadhyay			
	Banglar Pakhi Boichitra Name of Boolc: Prakriti, Editor**:** Dr. Monanjali Bandyopadhyay	Editor**:** Dr. Monanjali Bandyopadhyay, Edited Book 'Prakrti' ISBN:978-93-85248-03-0	National
Dr. Saroj Kumar Pan			
	Lokachikitshay Shak	'Prakiti', Editor:**:** Dr. Monanjali Bandyopadhyay, Pub: Kobitika, April,2015 ISBN:978-93-85248-03-0	National
	Prabandhik O Gadyashilpi Dwijendralal	Shasta Dwijendralal Roy O Sita, Editor: Debabrata Biswas, Pub: Byanjanbarna, Kolkata,Jun,2015, ISBN:81-929245-7-1	National
	Madhyayuger Bangla Sahitya Bichar Prasange Rabindranath	Rabindracharcha (Research Jurnal of Tegor Centre, RBU) No-13, Aug,2015	National
	Rabindranath: Subodh Ghosher Bhabnay	SREEJAN, Vol.23: Issue 2: July-Sept.2015 ISSN: 2278-8689 Edit: Lakshman Karmakar	National

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	Adwaita Mallabarmaner Apradhan Upanyas	Janmo Shatobarshe Adwaita Mallabarman Edit: Snigdha Chattopadhyay, Jan-2016 ISBN: 978-93-84729-25-7	National

ii) Books Published:

Name of the faculty with co-authors (sequentially)	Book	Name of the Publisher	Year	National / International
Sujit Kumar Pal (Editor)	Bishleshonee Aloy Pallisamaj	Pratyay Prakashani, Kolkata-1, July 2015, ISBN: 978-81-920822-8-8	July 2015	National
Prof. Layak Ali Khan	Bishoy:Adhunik bangle kobitya	Aksarprakashani, Kolkata.	2015,Sept.	National
Dr. Chhanda Ghoshal	Lokbhasa Loksanskriti O Abibhakta Medinipur	Debabrata Biswas Byanjanbarna	Dec,2015	National
Dr. Monanjali Bandyopadhyay	Prakrti			

c) Research Projects

(i) Research Projects Initiated during the year

SL. No.	Name of the Faculty	Name of the Project	Inception	Funding Agency	Amount Sanctioned.
1.	Dr. Sujit Kumar Pal	Innovative Research Project		VU	Rs. 62000
2.	Dr. Srutinath Chakraborty	A Study on English Translations of Rabindranath Tagore's Works	March, 2016	U.G.C.	Rs.12,20,800
3.	Dr. Chhanda Ghoshal	Paschimbanger Bipannojanagosthi Khariya	April, 2015	U.G.C,V.U	Rs.62,000
4.	Dr. Monanjali Bandyopadhyay	Coloniality and post coloniality: The Agrarial Folklore of the Tribals	March, 2016	U.G.C.	Rs.1,75000

(ii) Research Projects completed during the year

SL. No.	Name of the Faculty	Name of the Project	Funding Agency	Amount Sanctioned.
1.				

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d) Consultancy Extended

SL. No.	Name of the Faculty	Consultancy Extended to	Area of Consultancy	Duration	Amount Sanctioned
1.					

e) MOU /Collaboration

SL. No.	Name of the Faculty/Department	Name of the Organization/ Institute with which MOU / Collaboration is signed	Duration	Subject
1.				

f) Patents Generated

Name of the Faculty	Topic	Patent Registration No.

g) Faculty Members visited outside Organization like UGC, CSIR, DST, ICSSR, UPSC as experts/ Visiting Fellow

SL. No.	Name of the Faculty	Period of visit	Purpose	Name of the organization
1.	Dr.Srutinath Chakraborty	28.01.2016	Expert	Tripura Central University

h) Faculty Members attended Refresher /Orientation courses.

SL. No.	Name of the Faculty	Topic of the Refresher/ orientation course	Duration	Organized by	Sponsored by
1.	Dr. Sujit Kumar Pal	Refresher Course	31.08 2015-19.09.2015	ASC, Jadavpur University	UGC
2.	Dr. Saroj Kumar Pan	Comparative Literature	1-21 september, 2015	The University of Burdwan	UGC

06. Foreign students in the Department (if any)

Name of the student	Home country	Year / Semester	Year Admitted

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07. Research Scholars in the Department

a) Research Scholars awarded Ph.D. during the year 2015-16

SL. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
	Alok Bag	Dr. Srutinath Chakraborty	Narendramitryerchotogalpa: Bishoy o Shilparup
	Trapada Bera	Dr. Srutinath Chakraborty	Rabindranathe rnirbachito Gadyakaboyer Pathantar o Mulyaon
	Sonali Bakli (Submitted)	Dr. Srutinath Chakraborty	Budhyadeb Basurchotogalpa: Ektisamikha
	Maniklal Das (Submitted)	Dr. Srutinath Chakraborty	Rabindranather chithipatra o Rabindrasahitya: EktiSamikha
	Sarada Brata Laha (Submitted)	Dr. Srutinath Chakraborty	Adhyatyabad o yuktabader AlokeAkhay kumar Datta, Vudeb Mukhopadhya o Dijendranath Thakurer Rachanakritir Mulayan
	Jayanta Kr. Mandal	Dr. Chhanda Ghoshal	Katha Sahityer Ananya Silpi Dipendranath Bandopadhay
	Arup Palmal	Dr. Chhanda Ghoshal	Dakhin-Paschimbanger Janagiban O Sanskriti:Nirbachito Lekhak Abolambane
	Subrata Purkait	Dr. Chhanda Ghoshal	Lokesahitye-Srenidwandwa
	Suva Roy	Dr. Monanjali Bandyopadhyay	Bangla kathasahityasharamibi
	Alia Bhattachary (Submitted)	Dr. Monanjali Bandyopadhyay	Manik Bandhyopadhyer kathasahyte Lokoupadan
	Dilip Kr. Bari (Submitted)	Dr. Monanjali Bandyopadhyay	Subarnaroikhik janjatir sanskrity
	Nirmal Bera	Prof. Bani Ranjan De	Sumbhak Bangla
	Tapas Hait	Prof. Bani Ranjan De	Lokanatye Bhanr Charitra

b) Research Scholars Registered During the Year (2015-16)

SL. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1.	Dinabandhu Kundu	Dr. Sujit Kumar Pal	Soiyad Mustafa Sirajer Uponyas: Samaj-Sanskriti O Shilporup
2.	Arabinda Chatterjee	Dr. Srutinath Chakraborty	Madanmohan Kabya
3.	Khanad Ghosh	Prof. Bani Ranjan De	Shirshendu Mukhopadhayer Kathasahitya: Ostibodh Uttaraner Katha
4.	Sulekha Sardar	Dr. Saroj Kumar Pan	Dipakchander Upanyase Ramayan Mahabharat O Bhagbater Prabhav

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08. a) Seminars/ Symposia/ Workshop /Special Lectures organized in the Dept. during the year.

SL. No.	Name of the Seminar/ Symposium / Workshop /Special Lectures	Duration	Funding Agency
1.			

08. b) Visiting Fellow: Name, Designation and Tenure of the Work

09. New Academic Programs Initiated (if any)

10. Whether there is any change in the Curriculum during the year;

11. Whether any Examination Reform has been implemented during the year ; if any please give the details.

12. Honours and Awards to the Faculty Members during the year.: Research Awaed 2014-2016, UGC. Dr. Sujit Kumar Pal

13. Whether the Dept. has received SAP, COSIST, ASSIST, DST-FIST etc. during the period. If yes please give the details.

14. Highlights of the Department: *We have introduced departmental seminar every week*

15. Others (if any)

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DEPARTMENT OF BUSINESS ADMINISTRATION

01. Name of the Department: Department of Business Administration
02. Name of the Teachers with Designation.

S.l. No	Name of the Teacher holding the Post	Present Designation	Area of Specialization
1	Dr. Kartick Chandra Paul	Professor (Re-employed)	Finance and Control
2	Dr. Sudin Bag	Assistant Professor & T.I.C	Marketing and Finance
3	Dr. Debasish Biswas	Assistant Professor	HR, Finance & Marketing

03. Examination Results (Final Examination) 2015

Name of the Exam.	No. candidates appeared	No. of candidates obtained First class	No. of candidates obtained Second class
Semester IV	30	10	20

04. Number of successful candidates appearing in NET, GATE, SET and other remarkable examinations. (2015-16)

NET	GATE	SET	Others
Nil	Nil	Nil	Nil

05. Teacher-wise record for the period (April 2015 to March 2016)

a) Participation in the Seminars / Symposia/ Workshops (Name of Co-Authors not required)

Name of the Seminar/Symposia/ Workshop		**Duration**	**Held at**	**Title of the Paper Presented**	**National/ International**
Prof. Kartick Chandra Paul					
1.	Theme: 'Dynamic Evolution of Management Paradigm'	February 26-27, 2016	Dept. of Business Administration, Vidyasagar University	'Micro-Credit: A Financial Tool for Women Empowerment in West Bengal with special reference to Bandhan Bank' ***(2nd of the two authors)***on 26.02.16	International
2.	Theme: 'Disaster Management'	April 19, 2015	International Institute of Management Sciences, Kolkata	'Disaster Management: A Challenge in India' ***(Panel Speaker)***	National

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3.	Theme: 'Impact of Foreign Direct Investment on Indian Economy'	October 15-16, 2015	Department of Commerce, Vivekananda Satavarshiki Mahavidyalaya, Manikpara in collaboration with Department of Commerce, Seva Bharati Mahavidyalaya, Kapgari (both in Paschim Medinipur, West Bengal	'Foreign Direct Investment (FDI) in Indian Economy: A Review' ***(Key Note Speaker),*** on 15.10.15	National
4.	Theme: 'Contemporary Issues in Finance and Management'	November 27-28, 2015	Department of Commerce, Purash Kanpur Haridas Nandi Mahavidyalaya, Howrah In collaboration with Department of Commerce, Azad Hind Smriti Mahavidyaliya, Howrah	'Contemporary Issues in Finance and Management' ***(Chairing a Technical Session),***on 28.11.15	National
5.	Theme: 'Business, Economy and Society: Challenges and Opportunities'	January 29-30, 2016	International Business Studies Academia - Durgapur (IBSA) in association with Triveni Devi Bhalotia College (Affiliated to the Kazi Nazrul University), Raniganj, West Bengal	'Business, Economy and Society: Challenges and Opportunities' ***(Chairing a Technical Session as a Joint Chairperson),***on 29.01.2016	National
6.	Theme: 'Contemporary Issues on Accounting, Finance, and Management'	March 09, 2016	Department of Commerce, University of Gour Banga	'Behavioural Change to Combat Global Warming' ***(Invited Speaker)***	National
7.	Theme: 'Contemporary Issues on Accounting,	March 09, 2016	Department of Commerce, University of Gour Banga	'Contemporary Issues on Accounting, Finance, and	National

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	Finance, and Management'			Management' ***(Chairing a Technical Session)***	
8.	Theme: 'Emerging Trends in Management, Computing, and Information Science'	March 29-30, 2016	School of Management, North Orissa University, Baripada	'Capacity Building through Behavioural Change to Combat Global Warming' ***'Invited Speaker),***on 29.03.16	National
	Dr. Sudin Bag				
	Dynamic Evolution of Management Paradigm	February 26-27, 2016	Dept. of Business Administration, Vidyasagar University	A study on Consumers' brand perception towards monitor panels in Kolkata	International
	Financial Inclusion and Inclusive Growth	February 5-6, 2016	Dept. of Commerce with Farm Management, Vidyasagar University	A study on Relevance of Financial Inclusion in India (Awarded Best Paper)	International
	Financial Inclusion and Inclusive Growth	February 5-6, 2016	Dept. of Commerce with Farm Management, Vidyasagar University	A study on Banking Sector Reforms in India for Financial Inclusion	International
	Contemporary Issues of Economic Development with Special Reference to Agriculture and Food Security	January 16-17, 2016	Department of Economics with Rural Development, Vidyasagar University	Entrepreneurship Opportunities in Agriculture-Indian Perspective	International
	Dr. Debasish Biswas				
	Dynamic Evolution of Management Paradigm	February 26 –27, 2016	Dept. of Business Administration, Vidyasagar University, West Bengal	"Employee Empowerment: A Strategic Approach to Attain Business Excellence"	International
	Dynamic Evolution of Management Paradigm	February 26 –27, 2016	Dept. of Business Administration, Vidyasagar University, West Bengal	"Sexual Harassment of Women at Workplace: An Overview"	International
	Financial Inclusion and	February 04 –05, 2016	Dept. of Commerce with	"Women Entrepreneurship in	International

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	Inclusive Growth		Farm Management, Vidyasagar University, West Bengal	India"	
	Global Summit on Management Cases	February 05 –06, 2016	IIM Raipur	"Small Tea Cultivation in India and the Future Ahead: A Case Study from West Bengal Region"	International
	5th All India Conference on "Business , Economy and Society: Challenges and Opportunities"	January 29 –30, 2016	Durgapur International Business Studies Academia in association with Triveni Devi Bhalotia College, Raniganj, Burdwan held at Raniganj	"Online Shopping in West Bengal: A Perceptual Study on Customers in kolkata"	National
	Peter F. Drucker Memorial 6th National Business Research Conference on "Latest trends in Management, Economics & Social Sciences"	November 21st, 2015	Department of Business Administration, Siliguri Institute of Technology (SIT), Darjeeling at Siliguri	"Social Cost, A Strong Determinant in Industrial Relations: A Comparative Analysis of Pre and Post Globalized Regime in Dooars Region"	National
	68th All India Commerce Conference	November 06-08, 2015	Vinoba Bhabe University, Hazaribag	"Industrialisation and Environment Degradation: An Empirical Study"	National
	68th All India Commerce Conference	November 06-08, 2015	Vinoba Bhabe University, Hazaribag	"Business Education and the Skill of Employability: An Empirical Study on East and West Midnapore Districts of West Bengal"	National
	Human Rights: Challenges and Responsibilities	Oct 08-09, 2015	Teachers' Council, Saldiha College, Saldiha, Bankura, West Bengal	"Gender Inequality in North-East India with Reference to Education, Employability and Empowerment"	National
	Financial	Sep 12-13,	Department of	"Women	National

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	Inclusion: Challenges and Prospects	2015	Commerce, Malda College in Collaboration with the Institute of Cost Accountants of India	Empowerment Through SHGs and Financial Inclusion: A Case Study on Lataguri Region in West Bengal"	
	Relooking at Nations: Reenergizing and Reframing Strategies for Sustainable Development	July18-19, 2015	Gedu College of Business Studies, Bhutan and The Institute of Cost Accountants of India, Kolkata	"Pharmaceutical Product Promotion and Sustainable Development: In search for a Contemporary and Futuristic Strategy in Indian Context"	International
	Teaching Business Ethics Workshop	29th of May 2015	Indian Institute of Management Kolkata	Attended	Workshop

b) Research Papers/ Books/ Articles/ Others published (2015-16)

i) Research Papers/ Articles/ Chapters in published Books:

Name of the faculty with co-authors (sequentially)	**Title of the Research Paper**	**Name of the Journal, Vol. No., Year & pp. (ISSN/ISBN)**	**National/ International, Impact Factor/ Citation Index**
Prof. Kartick Chandra Paul			
	'A Revisit to the Rationale behind Foreign Direct Investment (FDI) in Indian Economy'	*Impact of Foreign Direct Investment on Indian Economy*, (Book edited by Dr. C. R. Das), ISBN: 9788193149713, October, 2015, Pp. 47-58.	National
Dr. Sudin Bag			
	Changing trend of commercial banks in India: A study on the impact factors of Electronic Customer Relationship management System for the improvement of banking services	Financial Sector Reforms in Developing Economies, (Edited by Prof. S.Ghosh, Dr. A. Sinha, Dr. T.N. Sahu & Dr. B. Pal.) Published by Rohini Nandan. ISBN- 978-81-928721-1-7, 2015, pp 59-68.	National
	Microfinance A way of Women Empowerment through SHGs- A	Financial Sector Reforms in Developing Economies, (Edited by Prof. S.Ghosh, Dr. A. Sinha, Dr. T.N. Sahu & Dr. B. Pal.)	National

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	study in Hooghly District	Published by Rohini Nandan. ISBN- 978-81-928721-1-7, 2015, pp 59-68.	
	Sustainability of Traditional verses Social Media Advertising- A comparative Study	Perspectives of Business and Finance: CSR & Make in India, (Edited by Dr. Twinkle Prusty, Dr. Ashis Kant Chaudhari and Alok Kumar), Published by Shriyanshi Prakashan, Agra, UP, ISBN 978-93-81247-86-0	National
Dr. Debasish Biswas			
Dr. Debasish Biswas (Co – authored with Mr. Nirmal Ch. Roy)	Women Empowerment through SHGs and Financial Inclusion: A Case Study on Lataguri Region in West Bengal	"IJMRR", Vol.6, No.6, June 2016, (ISSN No. 2249-7196)	International
Dr. Debasish Biswas (Co – authored with Prof. Debabrata Mitra)	Business Education and the Skill of Employability: An Empirical Study on East & West Midnapore Districts of West Bengal	"Anweshan", Vol.4, No.1, March 2016, (ISSN No.2321-0370)	National
Dr. Debasish Biswas (Co – authored with Mr. Nirmal Ch. Roy)	Small Tea Cultivation in India and the Future Ahead: A Case Study from West Bengal Region	Handbook of Management Cases published by ET CASES, pp.270-279, February 2016, (ISBN No.978-81-931001-3-4)	Edited Volume
Dr. Debasish Biswas	Small Tea Growers in India: A Case from West Bengal Region	International Journal of Tea Science Research, pp.1-7, Vol.5, No.11, December 2015, (ISSN No.1927-6494) (doi: 10.5376/jtsr.2016.06.0001)	International
Dr. Debasish Biswas	Unearthing Small and Retail Investor Behaviour in North-Eastern Himalayan Region: Case Study on Bhutan, India and Nepal	Financial Sector Reforms in Developing Economies" , Department of Commerce with Farm Management, Vidyasagar University, Midnapore, August 2015, (ISBN No.978-81-928721-1-7)	Edited Volume
Dr. Debasish Biswas	Managerial Ability of Women in Indian Polity	"Women in Contemporary India" (edited by Debnarayan Modak & Eyasin Khan), Education Forum, Kolkata, April 2015, (ISBN No.978-93-82600-12-1)	Edited Volume

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Dr. Debasish Biswas	CSR and Sustainable Development: Indian Context	"Financial Sector Reforms in Developing Economies", Department of Commerce with Farm Management, Vidyasagar University, Midnapore, August 2015, (ISBN No.978-81-928721-1-7)	Edited Volume
Dr. Debasish Biswas (Co – authored with Mr. Sajijul Islam)	Expatriation and Repatriation: Challenges of 21st Century and Remedies in the Context of International Human Resource Management	"Management and Global Business Scenario" (edited by Kaushik Kundu), Haldia Institute of Technology, Haldia, West Bengal, June 2015, (ISBN No.978-93-83463-40-4)	Edited Volume

ii) Books Published:

Name of the faculty with co-authors (sequentially)	Book	Name of the Publisher	Year	National/ International
Dr. Debasish Biswas				
Dr. Debasish Biswas Co-authored with Mr. Dipanjan Moitra	Management Information System	Himalaya Publishing House, Mumbai, (ISBN 978-93-5262-012-8)	2016	National

c) Research Projects

(i) Research Projects Initiated during the year

SL. No.	Name of the Faculty	Name of the Project	Inception	Funding Agency	Amount Sanctioned.
1.					

(ii) Research Projects completed during the year

SL. No.	Name of the Faculty	Name of the Project	Funding Agency	Amount Sanctioned.
1.				

d) Consultancy Extended

SL. No.	Name of the Faculty	Consultancy Extended to	Area of Consultancy	Duration	Amount
1.					

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e) MOU/Collaboration

SL. No.	Name of the Faculty/Department	Name of the Organization/ Institute with which MOU/ Collaboration is signed	Duration	Subject
1.				

f) Patents Generated

Name of the Faculty	Topic	Patent Registration No.

g) Faculty Members visited outside Organization like UGC, CSIR, DST, ICSSR, UPSC as experts/ Visiting Fellow

SL. No.	Name of the Faculty	Period of visit	Purpose	Name of the organization

h) (i) Faculty Members attended Refresher/Orientation courses

SL. No.	Name of the Faculty	Topic of the Refresher/ orientation course	Duration	Organized by	Sponsored by
	Dr. Sudin Bag	5th Refresher Course on Business Studies	3rd December 2015 to 23rd December 2015	Human Resource Development Centre, The University of Burdwan	University Grants Commission
	Dr. Debasish Biswas	Winter School on Gender, Women and Society: Debates and Developments	05.01.2016 to 25.01.2016	Women's Studies Centre, Vidyasagar University, West Bengal	

(ii) Faculty Members acted as Resource Person in Refresher/ Orientation courses

Sl. No.	**Name of the Faculty**	**Topic of the Refresher/ Orientation course**	**Duration/ No. of Lectures of 90 Minutes**	**Organized by**	**Sponsored By**
Prof. Kartick Chandra Paul					
1	"Corporate Governance: A Peep into the Root", **Refresher**		1	UGC-HRDC, Department of	UGC

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	Course, August 22, 2015.		Commerce, University of Calcutta, West Bengal	
2	"Carbon Control Mechanisms: Technological Vs. Behavioural", **Refresher Course**, August22, 2015.	1	UGC-HRDC, Department of Commerce, University of Calcutta, West Bengal	UGC
3&4	"Carbon Control Mechanism to Combat Global Warming", **Orientation Course**, December 17, 2015.	2	UGC-HRDC, Department of Business Administration, Sambalpur University, Odisha	UGC
5	"CDM Projects for Household Application in India' **rientation Course**, December 18, 2015.	1	UGC-HRDC, Department of Business Administration, Sambalpur University, Odisha	UGC
6	"Knowledge Management in Higher Education Institutions", **Orientation Course**, December 18, 2015.	1	UGC-HRDC, Department of Business Administration, Sambalpur University, Odisha	UGC
7	"Behavioural Implications in Investment Decisions", **Refresher Course** in Business Studies, December 11, 2015.	1	UGC-HRDC, Department of Business Administration, The University of Burdwan, West Bengal.	UGC
8	"Carbon Control Mechanism to Combat Global Warming", **Refresher Course in Business Studies**, December 11, 2015.	1	UGC-HRDC, Department of Business Administration, The University of Burdwan, West Bengal.	UGC

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06. Foreign students in the Department (if any)

Name of the student	Home Country	Year / Semester	YearAdmitted

07. Research Scholars in the Dept.
a) Research Scholars awarded Ph.D. during the year 2015-16

SL. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1			

b) Research Scholars Registered During the Year (2015-16)

SL. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1	Mr. Bijoy Gupta (Registered in April, 2015)	Prof. Kartick Chandra Paul	"Working Capital Management in Selected Public Sector Companies: A Comparative Study in West Bengal"
2	Mr. Sudip Basu (Registered in April, 2015)	Prof. Kartick Chandra Paul (Jointly with Prof. Sumati Ray of IISWBM)	"Stress and its Consequences among Public and Private Sector Bank-Employees in West Bengal: A Comparative Study"
3.	Arnab Banerjee	Dr. Debasish Biswas	An Empirical Study on Factors Affecting Industrial Relations with Special Reference to State Owned Power Units in West Bengal
4.	Deepak Bhattacharyya	Dr. Debasish Biswas	Impact of E-HRM on Transactional Functions of HRM : An Empirical Study on FMCG Manufacturing Located in West Bengal

08. a) Seminars/ Symposia/ Workshop/Special Lectures organized in the Department during the year.

SL. No.	Name of the Seminar / Symposium / Workshop / Special Lectures	Duration	Funding Agency
1.	International Seminar on Dynamic Evolution of Management Paradigm'	2 Day	UGC

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b) Visiting Fellow: Name, Designation and Tenure of the Work

09. New Academic Programs Initiated (if any)

10. Whether there is any change in the Curriculum during the year.

11. Whether any Examination Reform has been implemented during the year; if any please give the details.

12. Honours and Awards to the Faculty Members during the year.

13. Whether the Dept. has received SAP, COSIST, ASSIST, DST-FIST etc. during the period. If yes please give the details.

14. Highlights of the Department.

15. Others (if any).

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DEPARTMENT OF COMMERCE WITH FARM MANAGEMENT

01. Name of the Department: Department of Commerce with Farm Management

02. Name of the Teachers with Designation

Sl No	Name of the Teacher holding the Post	Present Designation	Area of Specialization
1	Dr. Arindam Gupta	Professor	Finance
2	Dr. Kalpataru Bandopadhyay	Professor and Head	Finance
3	Dr. Samir Ghosh	Professor	Banking, Accounting & Finance
4	Dr. Tagar Lal Khan	Associate Professor	Accounting & Control
5	Dr. Abhijit Sinha	Assistant Professor	Finance & Strategic Management
6	Dr. Tarak Nath Sahu	Assistant Professor	Finance
7	Dr. Brajaballav Pal	Assistant Professor	Finance Control & Marketing

03. Examination Results (Final Examination) 2015

Name of the Exam.	No. candidates appeared	No. of candidates obtained First class	No. of candidates obtained Second class
Semester IV	73	42	27

04. Number of successful candidates appearing in NET, GATE, SET and other remarkable examinations (2015-16)

NET	GATE	SET	Others
1	0	0	0

05. Teacher-wise record for the period (April 2015 to March 2016)

b) Participation in the Seminars / Symposia/ Workshops

(Name of Co-Authors not required)

Name of the Seminar/Symposia / Workshop	Duration	Held at	Title of the Paper Presented	National/ International
Dr. Arindam Gupta				
UGC and ICSSR sponsored International Conference on	February 04-05, 2016	Dept. of Commerce with Farm Management,	a) "A survey into awareness of consumer finance in West Bengal with special reference to	International

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"Financial Inclusion and Inclusive Growth"		Vidyasagar University	zero interest loans" b) A study into the status and progress of Financial Inclusion in India"	
SIMSR International Finance Conference (SIFICO 2016)	January 8-9, 2016	K.J. Somaiya Institute of Management Studies & Research, Mumbai	"Financial Inclusion and Financial Literacy: A comparative study in their interrelation between selected urban and rural areas in the state of West Bengal"	International
UGC-sponsored National Seminar on Economic Development through Financial Inclusion	December 22-23, 2015	Dept. of Commerce, Mugberia Gangadhar Mahavidya-laya, Purba Medinipur in collaboration with Indian Accounting Association, Midnapore Branch	Key-note Paper, "Financial inclusion, financial literacy and consumer protection in the Indian perspective"	National
38th All India Conference of Indian Accounting Association	December 5-6, 2015	University Business School, Panjab University, Chandigarh	"Research into the rituals in accounting and other business practices in small trading concerns: A survey of Kolkata city and adjoining areas"	National
UGC-sponsored National Seminar on "Impact of Foreign Direct Investment in Indian Economy"	October 15 - 16, 2015	Vivekananda Satavarshiki Mahavidyala ya, Manikpara, Paschim Medinipur	Chairing technical session	National
UGC-sponsored National Seminar on Application of Statistical Tools in Research and Data Analysis	October 5 - 6, 2015	Department of Commerce, Deshabandhu College for Girls, Kolkata in collaboration with Indian Accounting Association, Midnapore Branch	a) Chairing Technical Session II on Data Analysis with SPSS and other Issues b) "A survey of Financial Literacy in the unorganized sector in Purba Medinipur district of West Bengal: Application of multi stage sampling and small sample Fisher's Exact test"	National

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UGC-sponsored National Seminar on "Financial Inclusion: Challenges and Prospects"	September 12 - 13, 2015	Department of Commerce, Malda College, Malda in collaboration with the Institute of Cost Accountants of India	"Financial Inclusion in the unorganized sector in West Bengal: A study into Purba Medinipur district"	National
Refresher Course	December 14, 2015	UGC HRDC (Academic Staff College), University of Burdwan, Burdwan	a) "Financial inclusion - Whither?" b) "An empirical study into Financial Literacy in selected urban West Bengal"	National
Refresher Course	September 3, 2015	UGC HRDC (Academic Staff College), University of Calcutta, Kolkata	"The triad of Financial Inclusion, Financial Literacy and Consumer Protection in Indian perspective"	National
Dr. Kalpataru Bandopadhyay				
68th All India conference for Indian Commerce Association	November 06-08, 2015	All India Commerce Association and Vinoba Bhabe University, Hazaribagh,	Failure in Merger & Behavioural Issues: Indian Scenario	National
Refreshers' Course for Commerce & Economics	December 08, 2015	Academic Staff College, University of Burdwan	Decision Making in Finance: Some Indian Cases	National
Dr. Samir Ghosh				
Financial Inclusion and Inclusive Growth	February 04-05, 2016	Department of Commerce with Farm Management, Vidyasagar University	Financial Inclusion and Women Empowerment: Case study on some government projects in India	International
Financial Inclusion and Inclusive Growth	February 04-05, 2016	Department of Commerce with Farm Management, Vidyasagar University	Financial inclusion and role of Regional Rural Banks: Case study on Bangiya Gramin Bikash Bank	International
Refresher Course	December, 2015	UGC HRDC (Academic Staff College), University of	(a) Impact of reforms in Banking industry in India (b) Impact of reforms in insurance industry	National

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		Burdwan, Burdwan		
Dr. Tagar Lal Khan				
Financial Inclusion and Inclusive Growth	February 04-05, 2016	Department of Commerce with Farm Management, Vidyasagar University	A Study on Financial Inclusion and Human Capital Development of South Asian Countries with Special Reference to India	International
Financial Inclusion and Inclusive Growth	February 04-05, 2016	Department of Commerce with Farm Management, Vidyasagar University	A Study on Inequalities in Employment and Social Security for Marginalized People of India	International
68th All India Commerce Conference	November 6-8, 2015	Department of Commerce and Business Management, Vinoba Bhave University, Hazaribagh, Jharkhand	Investors' Reactions on the Announcement of Mergers and Acquisitions of the Indian Firms - A Study"	National
Dr. Abhijit Sinha				
Redefining Business Vision: Issues and Challenges	March 19, 2016	Department of Commerce and Business Administration, St. Xavier's College, Kolkata and Department of Commerce, University of Calcutta	Financial Inclusion through Mobile Banking: How much merit does it carry	National
Dynamic Evolution of Management Paradigm	February 26-27, 2016	Department of Business Administration, Vidyasagar University	An observation into the performance of Primary Agricultural Credit Societies in India over a decade	International
Financial Inclusion and Inclusive Growth	04th and 05th February, 2016	Department of Commerce with F.M., Vidyasagar University	A study on inequalities in employment and social security for marginalized people of India	International
Financial Inclusion and Inclusive Growth	04th and 05th February, 2016	Department of Commerce with F.M., Vidyasagar	A study into the status and progress of Financial Inclusion in India	International

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		University		
Management Convention on Global Business: Creating, Performing and Sustaining	15th and 16th January, 2016	ASBM, Bhubaneswar	An investigation into the Cost Efficiency of Commercial Banks in the Post-Financial crisis period	International
Economic Development through Financial Inclusion	December 22-23, 2015	Dept. of Commerce, Mugberia Gangadhar Mahavidya-laya and IAA, Midnapore Branch	*Key-note paper:* Financial Inclusion in India: A critical Analysis	National
Emerging Issues in Accounting and Finance	November 20, 2015	Department of Commerce, University of Kalyani jointly with ICAI	Non-performing Assets in the Indian Banking Industry and the role of Asset Reconstruction Companies: A Critical Analysis	National
Application of Statistical Tools in Research and Data Analysis	October 5-6, 2015	Department of Commerce, Deshbandhu College for Girls and IAA, Midnapore Branch	A survey of Financial Literacy in the Unorganised Sector in Purba Medinipur District of West Bengal: Application of Multistage sampling and small sample Fisher's Exact Test	National
Financial Inclusion: Challenges and Prospects	September 12-13, 2015	Department of Commerce, Malda College and ICAI, India	Financial Inclusion in the Unorganised Sector in West Bengal: A Study into Purba Medinipur District	National
Emerging Issues in Financial Markets	September 11, 2015	Department of Commerce, Shri Shikshayatan College and Department of Commerce, University of Calcutta	A study into the Competition trend among the private commercial banks in India	International
UGC Sponsord Two-Week Workshop on Research Methodology	July 16 to July 31, 2015	Department of Commerce with Farm Management, Vidyasagar University	Participant	National

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Workshop on "Teaching with Technology"	October 01-09, 2015	Computer Centre, Vidyasagar University	Participant	
Dr. Tarak Nath Sahu				
UGC Sponsord Two-Week Workshop on Research Methodology	July 16 – July 31, 2015	Department of Commerce with Farm Management, Vidyasagar University	Participant	National
Emerging Issues in Financial Markets	September 11, 2015	Department of Commerce, Shri Shikshayatan College	Does Capital Structure Affect Firm Performance and Value? – A Study on BSE Listed Manufacturing Firms	International
Emerging Issues in Financial Markets	September 11, 2015	Department of Commerce, Shri Shikshayatan College	Individual Investors Behaviour in Stock Market in India	International
Workshop on "Teaching with Technology"	October 01 – 09, 2015	Computer Centre, Vidyasagar University	Participant	
Impact of Foreign Direct Investment on Indian Economy	October 15-16, 2015	Vivekananda Satavarshiki Mahavidyalaya, Manikpara	Flow of Foreign Direct Investments and its Impact on Indian Economic Development (acted as an invited speaker)	National
Special Lecture Programme on Foreign Direct Investment in Retail Markets in India: Some Issues and Challenges	December 23, 2015	Department of Commerce and Department of Economics, Subarnarekha Mahavidyalaya, Gopiballavpur	Foreign Direct Investment in Retail Markets in India: Some Issues and Challenges (acted as an invited speaker)	State Level
Financial Inclusion and Inclusive Growth	February 4-5, 2016	Department of Commerce with Farm Management, Vidyasagar University	Participation of the Urban Poor towards Microfinance Institutions: Evidence from the Selected Towns in Purulia District	International
Financial Inclusion and Inclusive Growth	February 4-5, 2016	Department of Commerce with Farm	Social Banking and Recovery Performance of	International

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		Management, Vidyasagar University	Selected Public and Private Sector Banks in India: A Study	
Dynamic Evolution of Management Paradigm	February 26-27, 2016	Department of Business Administration, Vidyasagar University	Foreign Direct Investment and Economic Growth of India with Reference to Index of Industrial Production	International
Dynamic Evolution of Management Paradigm	February 26-27, 2016	Department of Business Administration, Vidyasagar University	Social Media: It's Impact on Consumer Behaviour	International
Contemporary Issues in Accounting, Finance and Management	March 9, 2016	Department of Commerce, University of Gour Banga, Malda	Do Domestic Promoters Contribute to Profitability? An Empirical Study on Listed Manufacturing Firms of India	National
Make in India: Futuristic Perspectives on Business & Society	March 12, 2016	Biju Pattanaik Institute of IT & Management Studies, Bhubaneswar, Odisha	A Study on Behaviour of Stock Market Investors – A Case Study with Reference to Purba and Paschim Medinipur District in West Bengal	National
Emerging Trends in Business & Management: Issues & Challenges	March 17-18, 2016	Department of Commerce, West Bengal State University, Barasat	Analysis of Individual Investors Behaviour of Stock Market	National
Dr. Brajaballav Pal				
Foreign Direct Investment on Indian Economy	October 15-16, 2015	Department of Commerce, Vivekananda Satavarshiki Mahavidyalaya, Manikpara, Paschim Medinipur	Foreign Direct Investment (FDI) in Indian Pharmaceutical Industries: An Overview	National
Emerging Issues in Accounting & Finance	November 20, 2015	Department of Commerce, University of Kalyani, West	Foreign Direct Investment (FDI) & Indian Pharmaceutical Industry: An	National

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			Empirical	
Economic Development Through Financial Inclusion	December, 22-23, 2015	Department of Commerce, Mugberia Gangadhar Manavidyalaya, Purba Medinipur	Role of Regional Rural Banks (RRBs) in India's Financial Inclusion: An Empirical Study	National
Financial Inclusion and Inclusive Growth	February 4-5, 2016	Department of Commerce with Farm Management, V.U	Financial Inclusion in India: An Overview	International
Financial Inclusion and Inclusive Growth	February 4-5, 2016	Department of Commerce with Farm Management, V.U	Role of Digital banking on India's Financial Inclusion: an Empirical Study	International
Dynamic Evolution of Management Paradigm	February 26-27, 2016	Department of Business Administration, V.U.	Are Research and Development Activities Dynamic in Indian Pharmaceutical Industry? An Empirical Study	International
Equity Markets and Trading Technique	April 28, 2016	University of Calcutta & Department of Commerce with Farm Management, V.U.	Equity Markets and Trading Technique	National

b) Research Papers/ Books/ Articles/ Others published (2015-16)

i) Research Papers/ Articles/ Chapters in published Books:

Name of the faculty with co-authors (sequentially)	Title of the Research Paper	Name of the Journal, Vol. No., Year & pp. (ISSN/ISBN)	National/ International, Impact Factor/ Citation Index
Dr. Arindam Gupta			
Shubhra Biswas (Sinha) and Arindam Gupta	Financial Inclusion and Financial Literacy: A comparative study in their interrelation between selected urban and rural areas in the state of West Bengal	IOSR Journal of Economics and Finance (IOSR - JEF), Vol. 2, December, 2015, pp. 67-72, ISSN: 2321-5925.	International Impact factor: 1.189

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Apu Manna, Tarak Nath Sahu and Arindam Gupta	A Study into the Impact of Ownership Structure and Board Composition on Corporate Performance in Selected Indian Companies	Indian Journal of Corporate Governance, Vol. 9 (1), 2016, pp. 44 – 66, ISSN: 0974-6862.	National
Kushal De and Arindam Gupta	Rituals in Accounting and other related business practices in small trading concerns: A survey of Kolkata city and adjoining areas	Indian Journal of Accounting, Vol. XLVII (2), December, 2015, pp. 13-20, ISSN 0972-1479.	National Global Impact Factor: 0.785 (2014)
Shubhra Biswas (Sinha) and Arindam Gupta	A study on Financial Literacy in and around Kolkata	Management Accountant, Vol. 50, No. 8, August, 2015, pp. 60-66, ISSN: 0972-3528.	National
Debabrata Jana, Abhijit Sinha and Arindam Gupta	Financial Inclusion in the Unorganized Sector in West Bengal: A study into Purba Medinipur district	Edited Volume, entitled "Financial Inclusion in India: Challenges and Prospects", (ed.) Manas Kr. Baidya, December, 2015, pp. 157-181, ISBN: 978-93-85248-85-6.	National
Arindam Gupta	The qualitative aspects of Financial Inclusion in India – A critique	Edited Volume, entitled "Recent Advances in Accounting, Finance and Management", (ed.) Ram Prahlad Choudhary, September, 2015, pp. 104-113, ISBN: 978-81-922481-9-6.	National
Pinaki Das, Sibaram Chatterjee and Arindam Gupta	RRB-Induced Financial Inclusion and Women Empowerment: A study with reference to selected districts of West Bengal	Effective Management, Vol. 32, No. 1, 2015 pp. 11-32, ISSN 2278-6740,	National
Dr. Kalpataru Bandopadhyay			
Dr. Kalpataru Bandopadhyay	An Analysis Of Efficiency Of General Insurance Industry In India	Malaysian Management Journal; Universiti Uttara Malaysia; Vol. 19, pp. 53-66	International
Dr. Kalpataru Bandopadhyay	Debt Financing and Shareholders' Return: A Study of BSE 500	VUJCOM, Vol. 21, pp. 62-72	National

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	Companies		
Dr. Tagar Lal Khan			
Abhijit Sinha and T.L.Khan	The Road-map of Productivity and Productivity Changes of Indian Non-life Insurance Companies: A Study Using Bootstrapped Malmquist Model	Sanchayan, 3(2), January-June, pp. 77-86	National
T.L.Khan and Abhijit Sinha	Assessment of Financial Stability of Indian Private and Public Commercial Banks	Financial Sector Reforms in Developing Economies, (eds.) S. Ghosh, A.Sinha, T.N.Sahu and B.Pal, pp. 69-80, Rohini Nandan Publishers, Kolkata, 978-81-928721-1-7	National
Dr. Abhijit Sinha			
Abhijit Sinha and T.L.Khan	The Road-map of Productivity and Productivity Changes of Indian Non-life Insurance Companies: A Study Using Bootstrapped Malmquist Model	Sanchayan, 3(2), January-June, pp. 77-86	National
Abhijit Sinha	Non-performing assets in Indian Banking and the role of Asset Reconstruction Companies	ICTACT Journal of Management Studies, 2(1), 2016, 232-237	National
T.L.Khan and Abhijit Sinha	Assessment of Financial Stability of Indian Private and Public Commercial Banks	Financial Sector Reforms in Developing Economies, (eds.) S. Ghosh, A.Sinha, T.N.Sahu and B.Pal, pp. 69-80, Rohini Nandan Publishers, Kolkata, 978-81-928721-1-7	National
Abhijit Sinha	Productivity Growth assessment of Public and Private Sector General Insurance Companies in India through the Malmquist Index Approach	International Journal of Applied Management Sciences and Engineering, Volume 3, Issue 2 2016	
Debabrata Jana, Abhijit Sinha and Arindam Gupta	Financial Inclusion in the Unorganized Sector in West Bengal: A study into Purba Medinipur district	Financial Inclusion in India: Challenges and Prospects (ed.), Manas Kr. Baidya, December, 2015,	National

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		pp. 157-181, ISBN: 978-93-85248-85-6.	
Abhijit Sinha Debabrata Jana	A study into the competition trend among the private commercial banks in India	Current Perspectives in Finance, (eds.) Indranil Saha, Kajal Gandhi and Ram Prahalad Choudhary, 978-81-928721-6-2	National
Abhijit Sinha	Financial Inclusion in India: A critical Analysis	Economic Development through Financial Inclusion, (ed.) Prof. A.K.Tripathy, 978-93-80332-76-5	National
Debabrata Jana, Abhijit Sinha and Arindam Gupta	Financial Inclusion In The Unorganized Sector In West Bengal: A Study Into Purba Medinipur District	Financial Inclusion in India: Challenges and Prospects, (ed.) Dr. Manas Baidya,157-181, Kabitika Publishers, December, 2015	National
Abhijit Sinha and Kalpataru Bandopadhyay	An Analysis of Efficiency of General Insurance Industry In India	Malaysian Management Journal; Universiti Uttara Malaysia; Vol. 19, pp. 53-66	International
Dr. Tarak Nath Sahu			
Dr. Tarak Nath Sahu	Flow of Foreign Direct Investments and its Impact on Indian Economic Development	Impact of Foreign Direct Investment on Indian Economy, 2015, pp. 81-96 (ISBN- 978-81-93149713)	National
Krishna Dayal Pandey Dr. Tarak Nath Sahu	Does Capital Structure Affect Firm Performance and Value? – A Study on BSE Listed Manufacturing Firms	Current Perspectives in Finance, 2016, pp. 80-96 (ISBN- 978-81-928721-6-2)	National
Arup Kumar Sarkar Dr. Tarak Nath Sahu	Individual Investors Behaviour in Stock Market in India	Current Perspectives in Finance, 2016, pp. 80-96 (ISBN- 978-81-928721-6-2)	National
Dr. Brajaballav Pal			
Dr. Brajaballav Pal Mithun Nandy	Trade Openness, FDI in Pharmaceutical Industry and Economic Growth: A Time Series Analysis	Presidency Journal of management Thought & Research, Vol. VI, No.1, 2016, January-June2016, ISSN 2229-5275.	National
Dr. Brajaballav Pal Mithun Nandy	Pharmaceutical Marketing & Product Promotion: A Paradigm Shift in Indian	Adhyayan, Vol. 5-No.2, Dec. 2015, ISSN:2249-1066	National, Indexed

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	Pharmaceutical Industry (IPI)		
Dr. Brajaballav Pal Mithun Nandy	Foreign Direct Investment (FDI) in Indian Pharmaceutical Industries: An Overview	Edited Vol. entitled "Impact of Foreign Direct Investment on Indian Economy", Edt. By C. Das, October, 2015, pp. 145-158,ISBN: 9788193149713	National
Dr. Brajaballav Pal Mithun Nandy	Role of Regional Rural Banks(RRBs) in India's Financial Inclusion: An Empirical Study	Edited Vol. entitled "Economic Development Through Financial Inclusion", Edt. By A.K. Tripathy, December, 2015, pp. 121-136, ISBN: 978-93-80332-76-5	National

ii) Books Published:

Name of the faculty with co-authors (sequentially)	**Book**	**Name of the Publisher**	**Year**	**National/ International**
Tarak Nath Sahu	Macroeconomic Variables and Security Prices in India during the Liberalized Period (ISBN: 978–1–137–49200–5)	Palgrave Macmillan, New York	2015	International
S. Ghosh, A.Sinha, T.N.Sahu and B.Pal	Financial Sector Reforms in Developing Economies, (eds.)	Rohini Nandan Publishers, Kolkata	July, 2015	National

c) Research Projects

(i) Research Projects Initiated during the year

SL. No.	Name of the Faculty	Name of the Project	Inception	Funding Agency	Amount Sanctioned.

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(ii) Research Projects completed during the year

SL. No.	Name of the Faculty	Name of the Project	Funding Agency	Amount Sanctioned.

d) Consultancy Extended

SL. No.	Name of the Faculty	Consultancy Extended to	Area of Consultancy	Duration	Amount

e) MOU/Collaboration

SL. No.	Name of the Faculty/Department	Name of the Organization/ Institute with which MOU/ Collaboration is signed	Duration	Subject

f) Patents Generated

Name of the Faculty	Topic	Patent Registration No.

g) Faculty Members visited outside Organization like UGC, CSIR, DST, ICSSR, UPSC as experts/ Visiting Fellow

SL. No.	Name of the Faculty	Period of visit	Purpose	Name of the organization

h) Faculty Members attended Refresher/Orientation courses

SL. No.	Name of the Faculty	Topic of the Refresher/ orientation course	Duration	Organized by	Sponsored by

06. Foreign students in the Department (if any)

Name of the student	Home Country	Year / Semester	YearAdmitted

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07. Research Scholars in the Dept.

a) Research Scholars awarded Ph.D. during the year 2015-16

SL. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
01.	Sibaram Chatterjee	Prof. Arindam Gupta (jointly with Dr. Pinaki Das)	Impact of Regional Rural Banks on Financial Inclusion, Quality of Life and Women Empowerment in the backward districts of West Bengal - A Case Study of Bangiya Gramin Bikash Bank
02.	Bijay Krishna Bhattacharya	Prof. Samir Ghosh	A study of retail banking in selected public sector banks in India
03.	Arunava Praharaj	Prof. Samir Ghosh	Performance of some selected District Central Cooperative Banks in West Bengal

b) Research Scholars Registered During the Year (2015-16)

SL. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1	Santu Charan Das	Prof. Kalpataru Bandopadhyay	Determining Optimum Capital Structure: A Study of BSE 500 Companies
2	Tamaghna Mondal	Prof. Kalpataru Bandopadhyay and Dr. Tagar Lal.Khan	Venture Capital Financing in India: Challenges & Prospects with special reference to India
3	Srimoyee Datta	Dr. Tarak Nath Sahu	Role of Microfinance Institutions (MFI_s) towards Financial Inclusion in the Selected Backward Districts of West Bengal
4	Md. Wakil Hossain	Dr.Abhijit Sinha and Dr. Tagar Lal.Khan	A study on Financial Inclusion in West Bengal with special reference to the Muslim community in Malda District

08. a) Seminars/ Symposia/ Workshop/ Special Lectures organized in the Department during the year.

SL. No.	Name of the Seminar/ Symposium/ Workshop/ Special Lectures	Duration	Funding Agency
1.	Workshop on Research Methodology	July 16-31, 2015	UGC
2.	International Conference on 'Financial Inclusion and Inclusive Growth'	February 04-05, 2016	UGC, ICSSR
3.	One day workshop on 'Equity Markets	April 28, 2016	CUCSE-CEFM

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	and Trading Technique'		
4.	Extension lecture programme: Lecture delivered by Prof. Pulakesh Maiti, ISI Kolkata	November 17, 2015	UGC
5.	Extension lecture programme: Topic: Review of Companies Act, 2013 and Union Budget, 2016": Lecture delivered by CA Sumit Bihani	March 29, 2016	UGC

b) Visiting Fellow: Name, Designation and Tenure of the Work

09. New Academic Programs Initiated (if any): M.Phil. in Commerce

10. Whether there is any change in the Curriculum during the year?
The syllabus of the PG Course has been revised and changes have been introduced to bring it in line with the Choice Based Credit System.

11. Whether any Examination Reform has been implemented during the year; if any please give the details.

12. Honours and Awards to the Faculty Members during the year.
Dr. Abhijit Sinha won the Best Paper Award in a track on Finance at the National Conference held at St. Xavier's College, Kolkata on March 19, 2016

13. Whether the Dept. has received SAP, COSIST, ASSIST, DST-FIST etc. during the period. If yes please give the details.

14. Highlights of the Department.
The department has very successfully organized several academic programmes like an International Conference, a 14-day Research Methodology Workshop, two Extension Lecture Programmes and a one-day training course on Equity Markets and Trading techniques.
Moreover, the department has also participated in the Outreach Programme for the development of the rural people in the Jungle Mahal area of West Bengal.

15. Others (if any).

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DEPARTMENT OF ENGLISH

01. Name of the Department: English

02. Name of the Teachers with Designation

Sl No	Name of the Teacher holding the Post	Present Designation	Area of Specialization
1	Prof. Sankar Prasad Singha	Professor	19th Century British Literature, Literary Criticism and Theory, Postcolonial Literature, Dalit Studies
2	Prof. Tirthankar Das Purkayastha	Professor	Renaissance English Drama, Indian Writing in English
3	Prof Debashis Bandyopadhyay	Professor	Narratology, Identity and Hermeneutics
4	Dr. Indranil Acharya	Associate Professor	Dalit &Adivasi Studies, Folklore, Translation Studies, Language endangerment
5	Dr. Indrani Datta (Chaudhuri)	Assistant Professor	Postcolonial Studies, Diasporic Studies, Critical Theory
6	Dr. Joyjit Ghosh	Associate Professor and Head	D.H. Lawrence, Eco-Critical Studies, Bangla Dalit Literature
7	Hemant Kumar Golapalli	Assistant Professor	American and European Fiction, Literary Theory

03. Examination Results (Final Examination) 2015

Name of the Exam.	No. candidates appeared	No. of candidates obtained First class	No. of candidates obtained Second class
Semester IV	104	19	85

04. Number of successful candidates appearing in NET, GATE, SET and other remarkable examinations. (2015-16)

NET	GATE	SET	Others
5		4	

05. Teacher-wise record for the period (April 2015 to March 2016)

i) Participation in the Seminars / Symposia/ Workshops (Name of Co-Authors not required)

Name of the Seminar/Symposia/ Workshop	Duration	Held at	Title of the Paper Presented	National/ International
Prof. Tirthankar Das Purkayastha				
Language, Literature	18- 19	Bangkok,	The Resistance to	International

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and Society Third International Conference, Bangkok	January 2016	Thailand	Relocation in the Linguistic Space of HasanAzizulHoque's Novel *AgunPakhi*	
Prof. Debashis Bandyopadhyay				
Workshop on revision of Undergrad Syllabus	4-5 April 2015	Kalyani University	Resource person	National
ESOL Examiners' Workshop	6 June 2015	British Council, Kolkata	Resource person	International
Symposia on Multidisciplinarity	4 Oct 2015	EFL University, Hyd	Plenary speaker: "Whither English Studies Today?"	International
Conference on Literature and Theology	6 Jan 2016	Banaras Hindu University	Narratives of Buddhist Rituals	International
Dr. Indranil Acharya				
South Asian Language Analysis Roundtable	14-16 May, 2015	Lancaster University, UK	"Graveyard of Languages"? A Study of Nine Critically Endangered Languages of North Bengal	International
Symposium on Amnesia, Aphasia and the Margins	July 25, 2015	Bhasha Research and Publication Centre	People's Linguistic Survey of India and the Role of G.N.Devy	National
Conference on Language and Development	18-20 Nov, 2015	British Council	Multilingualism and Marginalization	International
Conference on Tribal Languages	15-18 Nov, 2015	Tata Steel, Jamshedpur	Dying Languages of Bengal	National
Symposium on Multilingualism	30th Jan, 2016	NavsariAgri University	Multilingualism in Bengal	National
Symposium on Unwritten Languages	18-21 Feb, 2016	Central SahityaAkademi	Unwritten Literatures of Bengal	National
Seminar on Cultural Studies	14th Jan, 2016	Aliah University	Endangered Folk Drama of Bengal	State level
Workshop on LTCS	11& 12 Feb, 2016	ISI, Kolkata	Language Documentation	National
Dr Indrani Datta (Chaudhuri)				
"War, Literature and	18-19	P.K. College,	"The First World	National

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Humanity: Rethinking English Literature in the Context of World War I"	November	Contai	War: A Fight against the "Ubermensch": Causes of the British Propaganda against Nietzsche's Philosophy"	
"Documentation and Digitization of Cultural Texts and Languages: Problems and Prospects"	29-30 March	Department of English, VU	"Not Just Black and White: Archiving Intangible Cultural Texts"	National
"Children's Literature: Modes and Meanings"	31 March	Department of English, VU	"The "Alternate Nation" in Abanindranath Tagore's *KhirerPutul*"	National
Dr. Joyjit Ghosh				
"Dalit Literature and/in Translation"	29-30 June	University of East Anglia	"Problems and Prospects of Translating Bangla Dalit Poetry into English: A Personal Experience"	International
"War, Literature and Humanity: Rethinking English Literature in the Context of World War I"	18-19 November	P.K. College, Cotai	A "Colossal Idiocy": Critique of the First World War in D.H. Lawrence's Letters	National
"Documentation and Digitization of Cultural Texts and Languages: Problems and Prospects"	29-30 March	Department of English, VU	"The Glove Puppetry of PurbaMedinipur: Analyzing the Focus on Mmass Education in Select Cultural Texts"	National
Mr. Hemant Kumar Golapalli				
Application and Development of e-learning Platform in University: Moodle	9-10 March,2016	Computer Centre, VU	Participant	National

b) Research Papers/ Books/ Articles/ Others published (2015-16)

i) Research Papers/ Articles/ Chapters in published Books:

Name of the faculty with co-authors (sequentially)	Title of the Research Paper	Name of the Journal, Vol. No., Year & pp. (ISSN/ISBN)	National/ International, Impact Factor/ Citation Index
Joyjit Ghosh			
	Letters of Rabindranath	The Visva Bharati	National

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	Tagore and the Art Of Communication: Critical Perspectives	Quarterly, Vol.23, No.4& Vol. 24, No.1(January-June 2015) pp.39-45	
Prof Sankar Prasad Singha			
	"Jane Austen and the Woman Question"	The Representation of Women in English Literature ed. Sutanu Kumar Mahapatra, Kalpa Publication, New Delhi, 2015	National
Prof Debashis Bandyopadhyay			
In Defense of the Real	In Defense of the Real	*Contemporary Buddhism*,Routledge, London, UK 12:1, Feb 2016, 21-36 ISSN 1463-9947	International Impact F: 3.2
	Psychoanalysis of Religious Violence	*Criterion*, Chicago University Press, USA 25:3, Dec 2015, 45-66 ISSN: 3221-6587	International Impact F: 4.6
	Narratives of Trauma	*Research and Criticism*,Pencraft, New Delhi 5:1, May 2015, 33-45, ISSN: 4899-3765	International
Dr Indranil Acharya			
	Quest for an Alternative Aesthetic in Bangla Dalit Folk Poetry	Proceedings of International Folklore Congress; Bangla Akademi, Dhaka, May, 2015; 129-142	International
	The Dynamics of Dalit Fiction and Autobiography: A Reading of ManjuBala's 'Dwando' (Conflict)	Middle Flight; Vol.4, no.1, July, 2015; 13-23, ISSN: 2319-7684	National
	Endangered Folk Drama Forms of Subarnarekha Basin:Some Disturbing Revelations	Litscape, vol.9, no.1, 2015, 55-61; ISSN: 0976-9064	National
	Dalit Sahitya: KichhuPrasangikBhavna	ManabAdhikar: Nana Dik; Progressive Publisher; Kolkata, 2015; 749-756; ISBN: 81-8064-205-4	State level
Dr Indrani Datta (Chaudhuri)			
	Sri Aurobindo'sSavitri: The 'Legend' and 'Symbol' of a Colonized Nation	"Litscape: Journal of VUETC" Vol. 9, No. 1, ISSN 0976-9064	State Level

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ii) Books Published:

Name of the faculty with co-authors (sequentially)	Book	Name of the Publisher	Year	National/ International
Prof. Debashis Bandyopadhyay				
	Psychology of Caste Aspirations in India: A Utopia	Lambert (Germany)	2016 (in press, communicated)	International
Dr Indranil Acharya				
	Listen to the Flames: Texts and Readings from the Margins	Oxford University Press; ISBN: 978-81-250-5933-2	2016	International
	Paschimbanger Bhasha	Orient Blackswan (in press)	2016	National

c) Research Projects

(i) Research Projects initiated during the year

SL. No.	Name of the Faculty	Name of the Project	Inception	Funding Agency	Amount Sanctioned.
1.	Prof Debashis Bandyopadhyay, Coordinator & Dr Joyjit Ghosh, Deputy Coordinator	SAP-III, DRS Phase-II Translation, Documentation and Conservation of Tribal Oral, Folk Literature and Cultural Texts.	August 2015	UGC	94.7 lakh
2.	Dr Indranil Acharya	Coloniality and Postcoloniality: Adivasi Society in Transition	April 2015	UGC	2.35 lakh

(ii) Research Projects completed during the year

SL. No.	**Name of the Faculty**	**Name of the Project**	**Funding Agency**	**Amount Sanctioned.**
1.	Joyjit Ghosh	Minor Research Project on "Interrogating Nationalism: Critical Perspectives on the Letters of Rabindranath Tagore"	UGC	1.5 lakh

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2.	Dr Indranil Acharya	Major Research Project on Documentation, Translation and Analysis of Bengali Folk Drama in the Context of Endangerment	UGC	9.85 lakh

d) Consultancy Extended

SL. No.	Name of the Faculty	Consultancy Extended to	Area of Consultancy	Duration	Amount

e) MOU/Collaboration

SL. No.	Name of the Faculty/Department	Name of the Organization/ Institute with which MOU/ Collaboration is signed	Duration	Subject

f) Patents Generated

Name of the Faculty	Topic	Patent Registration No.

g) Faculty Members visited outside Organization like UGC, CSIR, DST, ICSSR, UPSC as experts/ Visiting Fellow

SL. No.	Name of the Faculty	Period of visit	Purpose	Name of the organization
1	Prof Sankar Prasad Singha	Two weeks, December 2015	Subject Expert	Bihar Public Service Commision, Patna
2	Prof. Debashis Bandyopadhyay	8.9.15 to 22.9.15	Subject Expert	WB, Public Service Commission, Asst Prof's Selection
		14.12.15 to 21.12.15	Subject Expert	Bihar Public service Commission, Asst Prof's selection
		5.2.16	Examiner	Cambridge University, UK Local Examination Syndicate, British Council, New delhi

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h) Faculty Members attended Refresher/Orientation courses

SL. No.	Name of the Faculty	Topic of the Refresher/ orientation course	Duration	Organized by	Sponsored by
1	Dr Joyjit Ghosh	Gender, Women and Society: Debates and Developments	05-25 January, 2016	Women's Studies Centre, VU	UGC
2.	Dr Indranil Acharya	Short Term course on Human Rights	24-30 June, 2015	UGC Academic Staff College, Burdwan University	UGC

06. Foreign students in the Department (if any):

Name of the student	Home Country	Year / Semester	YearAdmitted

07. Research Scholars in the Dept.
a) Research Scholars awarded Ph.D. during the year 2015-16

SL. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1	Tajuddin Ahmed	Prof. S.P. Singha & DrIndranilAcharya	Rediscovering Early Indian Muslim Women Novelists' Writing in English: A Study of Iqbalunnisa Ahmed and ZeenuthFutehally
2	Sanjoy Mukherjee	Prof Tirthankar Das Purkayastha	Rebels in Shakespeare: A Study in the Problem of Allegiance

b) Research Scholars Registered During the Year (2015-16)

SL. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1	Amitava Pal	Dr IndranilAcharya	"Art and Power-play in Tom Stoppard's Plays: A Re-appraisal"
2	Dipasree Roy	Prof. Debashis Bandyopadhyay & Dr Indranil Acharya	"Unconscious in the Colonial Experiences of Rudyard Kipling: A Study of Select Texts"

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3	Oindrila Bhattacharya	Debashis Bandyopadhyay	"Return of the Ethnic: Literary Representation of the Anxieties of Conversion among the Stolen Aboriginal Children of Australia"
4	Moumita Dutta	Dr Indranil Acharya	"Politics of Representation in the Folktales of Bengal of Late Nineteenth and Early Twentieth Century"

08. a) Seminars/ Symposia/ Workshop/Special Lectures organized in the Department during the year.

SL. No.	Name of the Seminar/ Symposium/ Workshop/Special Lectures	Duration	Funding Agency
1.	Documentation and Digitization of Cultural Texts and Languages: Problems and Prospects	29-30 March, 2016	UGC
2.	Children's Literature: Modes and Meanings	31 March, 2016	UGC

b) Visiting Fellow: Name, Designation and Tenure of the Work: Dr. NiladriShekhar Dash, Indian Statistical Institute, Kolkata, visited the Department during 23-26 February, 2016 and gave presentations on the thrust area of the DRS Phase-II Project ("Translation, Documentation and Conservation of Tribal Oral, Folk Literature and Cultural Texts").

09. New Academic Programs Initiated (if any)

10. Whether there is any change in the Curriculum during the year.

11. Whether any Examination Reform has been implemented during the year; if any please give the details.

12. Honours and Awards to the Faculty Members during the year.

13. Whether the Dept. has received SAP, COSIST, ASSIST, DST-FIST etc. during the period. If yes please give the details.UGC SAP-III, DRS Phase –II, initiated in the month of August, 2015. We have made field trips to various villages including Manoharpur, Narayangarh, Padmatamli, Naya Village, Pingla etc. for recording folk performances like "BhanrJatra", " ChaangGaan", "BeniPutuler Pala", "Potua Pala" etc. We have documented Kurmali language spoken by the Kurmis in Purulia. We have transcribed some oral cultural texts and translated them into English. We have organized a two-day national seminar on the thrust area.

14. Highlights of the Department: The Department under the aegis of UGC SAP-III, DRS (Phase II) involved the students of two neighbouring institutions (Sidho Kanho Birsha University, Purulia and P.K. College, Contai, PurbaMedinipur) in the ongoing project on "Translation, Documentation and Conservation of Tribal Oral, Folk Literature and Cultural Texts".

15. Others (if any).

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DEPARTMENT OF ECONOMICS WITH RURAL DEVELOPMENT

01. Name of the Department: Economics with Rural Development
02. Name of the Teachers with Designation

	Name of the Teacher holding the Post	Present Designation	Area of Specialization
1	Professor DebasishMondal	Professor	Econometrics
2	Professor Mihir Kumar Pal	Professor	Industrial Productivity, Capacity Utilization, Energy Economics, Environmental
3	Professor JoydebSasmal	Professor (on re-employment)	Agriculture and Natural Resource, Public Economics, Economic Growth
4	Professor Sebak Kumar Jana	Professor and HOD	Econometrics, Environmental and Resource Economics
5	Dr.Chandrima Chakraborty	Assistant Professor	Econometrics and Industrial economics
6	Dr. Pinaki Das	Assistant Professor	Statistics and Econometrics, Labour Economics and Social
7	Ms. Sudipta Jha	Assistant Professor	Macroeconomic Theory; International Macroeconomics

03. Examination Results (Final Examination), 2015

Name of the Exam.	No. candidates appeared	No. of candidates obtained First class	No. of candidates obtained Second class
Semester IV	14	13	01

04. Number of successful candidates appearing in NET, GATE, SET and other remarkable examinations. (2015-16)

NET	GATE	SET	Others
05		02	

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05. Teacher-wise record for the period (April 2015 to March 2016)

i) Participation in the Seminars / Symposia/ Workshops (Names of co-authors not required)

Name of the Seminar/Symposia/ Workshop	Duration	Held at	Title of the Paper Presented	National/ International
Prof. Debasish Mondal				
Invited lecture in a college level seminar	01.03.2016	Kharagpur College, 2016	Human Development Index: Methodology and Measurement	Regional
Prof.Mihir Kumar Pal				
Sixth National Seminar on Industrial Statistics	9th November, 2015	Pipal Tree Hotel, Kolkata organized by Central Statistics Office, Industrial Statistics Wing, Government of India	A Time Series Analysis on the Nexus between Foreign Direct Investment & Total Factor Productivity Growth of the Indian Organised Manufacturing Sector: 1980-81 to 2010-11	National
2. UGC, ICSSR and NABARD Sponsored Two-Day International Seminar on Contemporary Issues of Economic Development with special reference to Agriculture and Food Security held	13 & 14 January 2016	Vivekananda Sabhagrihoorganised by the Department of Economics with Rural Development, Vidyasagar University	An Analysis on the Nexus between Total Factor Productivity Growth & Employment of the Indian Manufacturing Industries: 1980-81 to 2010-11	International
Prof. Joydeb Sasmal				
1.International conference on ' Food in the Bio-based Economy – Sustainable Provision and Access'	May 27-29, 2015	Wageningen University, The Netherlands	Food Security and Environmental Sustainability in a Two-Sector General Equilibrium Framework	International
2. Research Retreat of Centre for Training and Research in Public Finance and Policy (CTRPFP), CSSSC	February, 2016.	Centre for Training and Research in Public Finance and Policy (CTRPFP), CSSSC	Public Policy and Managing the Food economy of India	International
Invited paper presented in state	2015	Panskura Banamali College	Food price Inflation and Food Security	State Level

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level UGC seminar				
Invited paper presented in a local level seminar		Gopiballavpur Subarnarekha Mahavidyalaya	Water Management and Sustainable Growth in Agriculture	local level
Invited lecture in a local level seminar	01.03.2016	Kharagpur College	Food Inflation in a growing Economy	local level
Prof. Sebak Kumar Jana				
1.UGC sponsored Two Day National Workshop on "Application and Deployment of e-Learning Platform in University: Moodle",	9-10 March 2016	Vidyasagar University	-	Regional
2.Participated as Panelist in the Current Topic Session on in the 36th National Level Annual Conference of Bengal Economic Association (Invited)	11-12 March 2016	Kashipur M MMahavidyalay Purulia, West Bengal.	Climate Change, Paris Meeting and Sustainable Development	National
Invited Lecture	01.03.2016.	Department of Economics, Kharagpur College	Environmental Economics	Regional
Invited Lecture, on the Occasion of celebrating 125th Birth Anniversery of Dr. BabasahebAmbedkar	22.01.2016	Department of Economics, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	"Watershed Development: Some Case Studies in India",	International
Invited Lecture	2016	South Calcutta Women's College, Kolkata.	"Economic Reforms and Higher Education in India"	Regional
Invited Lecture on 'the occasion of the observance of World Philosophy Day.	19th November, 2015	Department of Philosophy , Midnapore College	'Philosophy of Man and Environment'	Regional
Invited Lecture in the Training Programme under DBT Government of India sponsored STAR College Scheme.	August 4-5, 2015.	Raja Narendralal Khan Women's College, Midnapore	"Statistical Software – SPSS",	National
Contemporary Issues of Economic Development with	January 13-14, 2016	Department of Economics with Rural	Willingness to Pay for Improved Water Services: A Contingent	International

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special reference to Agriculture and Food Security		Development, Vidyasagar University,	Valuation Study in Darjeeling West Bengal	
Contemporary Issues of Economic Development with special reference to Agriculture and Food Security	January 13-14, 2016	Department of Economics with Rural Development, Vidyasagar University,	Assessing the Economic Importance of Sabai Grass (EulaliopsisBinata) on Women Empowerment in the Backward Region of West Bengal, India	International
98th Annual Conference of The Indian Economic Association	27-29 December, 2015.	Prof. JayashankarTelangana State Agriculture University	In What Direction is the Wind Blowing? Education and Skill Development – The Case of BRICS	National
Nine day Workshop on Time Series and Financial Econometrics	June 1 to 9, 2015	Department of Economics, Jadavpur University	--	National
Dr. Chandrima Chakraborty				
UGC Sponsored Two-Day National Seminar onSecond Generation Reforms in India: Are They Fait Accompli?	27-28 August, 2015	Hooghly Mohsin College, Chinsurah, Hooghly	Performance of Indian Pharmaceutical Industry in the Post-Liberalization era: Evidence based on Structural Break Unit Root Test	National
Two-Day International Conference on Issues in Regional Development	15-16 September, 2015	Department of Economics, University of Burdwan, Golapbag, Burdwan	Regional Disparity andConvergence of Some Major Variables in Indian Pharmaceutical Industry	International
The Sixth National Seminar on Industrial Statistics	9 November, 2015	Pipal Tree Hotel, Kolkata organized by Central Statistics Office, Industrial Statistics Wing, Government of India	Does Relative Wage Matters in Explaining Efficiency of Indian Pharmaceutical Industry: Evidence from Stochastic Frontier Production Function Approach	National
52nd Annual Conference of the Indian Econometric Society (TIES)	4th to 6th January 2016.	Indian Institute of Management, Kozhikode	The Role of Relative Wage in Explaining Efficiency of Indian Pharmaceutical Industry: Evidence from Stochastic Frontier Production Function	National

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			Approach	
UGC, ICSSR and NABARD Sponsored Two-DayInternational SeminaronContemporary Issues of EconomicDevelopment with special reference toAgriculture and Food Security	13 & 14 January 2016	Department of Economics with Rural Development, Vidyasagar University	Input Oriented Technical Efficiency and its Determinants of Indian Pharmaceutical Industry: A Data Envelopment Analysis	International
Nine day Workshop on Time Series and Financial Econometrics	June 1 to 9, 2015	Department of Economics, Jadavpur University	--	National
National Workshop on "Indian Economy: Emerging Trends and Challenges	10th August 2015	Sri SathyaSai Institute of Higher Learning, PrasanthiNilayam, Andhra Pradesh	--	National
Dr. Pinaki Das				
98th Annual Conference of The Indian Economic Association	27-29 December, 2015.	Prof. JayashankarTelangana State Agriculture University	Status of Growth and Employment Generation of Micro Manufacturing Enterprises in India: An Analysis based on NSSO Unit Level Data	National
52th Annual Conference of The Indian Econometric Society	4-6 January, 2016	IIMK Campus, Kerala	Productivity of Micro Manufacturing Enterprises in India and their Status of Growth: An Empirical Analysis based on NSSO Unit Level Data	National
Contemporary Issues of Economic Development with Special Reference to Agriculture and Food Security	13-14 January, 2016	Department of Economics with Rural Development, Vidyasagar University	Productivity and Efficiency of Micro Manufacturing Enterprise in West Bengal: An Analysis based on NSSO Unit Level Data	International
Contemporary Issues of Economic Development with Special Reference to Agriculture and Food Security	13-14 January, 2016	Department of Economics with Rural Development, Vidyasagar University,	Economic Growth and Growth of Employment in West Bengal	International
Contemporary Issues	13-14	Department of	Monetary Poverty V/S	International

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of Economic Development with Special Reference to Agriculture and Food Security	January, 2016	Economics with Rural Development, Vidyasagar University	Multidimensional Poverty: An analysis based on NSSO Unit Level data	
Contemporary Issues of Economic Development with Special Reference to Agriculture and Food Security	13-14 January, 2016	Department of Economics with Rural Development, Vidyasagar University	Status of Food Security across States in Rural India	International
Contemporary Issues of Economic Development with Special Reference to Agriculture and Food Security	13-14 January, 2016	Department of Economics with Rural Development, Vidyasagar University	Issues of Multidimensional Poverty in India: A Reflection of SECC 2011 and Testing BPL Survey Methodology	International
36th Annual Conference of Bengal Economic Association	11-12 March, 2016	KashipurM.M. Mahavidyalaya, Purulia,	Social Protection Index and the Status of Poverty and Deprivations of Scheduled Tribes in Backward Districts of West Bengal	National
36th Annual Conference of Bengal Economic Association,	11-12 March, 2016	KashipurM.M. Mahavidyalaya, Purulia,	Micro Entrepreneurship and Development of Tribes in West Bengal: An Analysis Based on NSSO Unit Level Data	National
Human Development and Millennium Development Goals 2015: Challenges and Opportunities	29th March, 2016	RabindraBharati University,	Millenium Development Goals and their Achievement relating to Poverty and Deprivation in West Bengal	National
Ms. Sudipta Jha				
Contemporary Issues in Economic Development with Special Reference to Agriculture and Food Security	13-14 January, 2016	Vidyasagar University	Interaction between Real and Financial Sector: An Alternative to the Mundell-Fleming Model	International

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b) Research Papers/ Books/ Articles/ Others published (2015-16)

i) Research Papers/ Articles/ Chapters in Published Books:

Name of the faculty with co-authors (sequentially)	Title of the Research Paper	Name of the Journal, Vol. NO., Year & pp. (ISSN/ISBN)	National/ International, Impact Factor/ Citation Index
Prof. DebasishMondal			
Kayet, A and Mondal, D	Can Public expenditure on education reduce income inequality in rural India? A study in 15 major States of India for the period 1983-2012	EPRA International Journal of Agriculture and Rural Economic Research. 2015, Vol-3, P-41-47 ISSN No: 2321-7847	International
Kayet, A and Mondal, D.	Relative Importance Of Higher Education Expenditure On Income Inequality: An Empirical Analysis From Major States Of Rural India	EPRA International Journal of Economics and Business Review, Vol. 3, No. 11,pp 235-247,e-ISSN2347-9671, p ISSN:2349-0187	International
Mandal, T. K. and D. Mondal	Child Artisans in Unorganised Hand Embroidery Industry: A Study in South Bengal, India	Scholars Journal of Arts, Humanities and Social Sciences, 2016, Vol. 4(4B): pp. 426-437, e-**ISSN:** 2347-5374, p-**ISSN:** 2347-9493	International
Kayet, A and Mondal, D.	Effects of public school education expenditure on income inequality: Evidence from 15 major States of rural India	Scholars Journal of Economics, Business and Management, 2015, Vol. 2(10A): pp.1021-1031, e-ISSN 2348-5302 p-ISSN 2348-8875.	International
Prof. Mihir K. Pal			
Mihir Kumar Pal &Narasingha Das	An Empirical Analysis Of The Impact Of Export On The India's Agricultural Productivity Performance In Pre & Post WTO Regime	Intercontinental Journal Of Banking, Insurance And Finance ISSN:2350-0875 - Online ISSN:2350-0867 -Print ,Volume 2, Issue 8, August 2015	Internation-IMPACT FACTOR:1.261 ,
Mihir Kumar Pal &	A Time Series Analysis on the Nexus between Foreign Direct	Proceedings of The Sixth National	National

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Narasingha Das	Investment & Total Factor Productivity Growth of the Indian Organised Manufacturing Sector: 1980-81 to 2010-11	Seminar on Industrial Statistics held on 9 November, 2015 at Pipal Tree Hotel	
Prof. Joydeb Sasmal			
1.Sasmal J. and Guillen J.	Poverty, Educational Failure and Child labour Trap; The Indian Experience	Global Business Review, Sage, April 16(2),2015	International
2.Sasmal J.	Food Price Inflation in India	Arthabisleshan, December, 3(2),2015	National
Prof. Sebak Kumar Jana			
MamatajUddin Ahmed,Sebak K. Jana, and SamitDatta Roy	Marketing Of Non-Timber Forest Products – A Study inPaschimMedinpur District In West Bengal, India	Intercontinental Journal Of Marketing Research Review, Volume 4, Issue 3, March 2016, PP. 330-337, ISSN:2321-0346 (Online), ISSN:2347-1670 (Print)	International
Asim K. Karmakar, Sebak K. Jana	Understanding the Crises in Euro Zone and Greece: From Boom to Bust	International Journal of Research on Social and Natural Sciences (IJRSNS) Volume 1, Issue 1, December 2015. Pp. 127-140. Available online at www.katwacollegejournal.com	International
Sebak K. Jana and A.K. Karmakar	"Food Security in Asia – Is there any Convergence?",	R.C. Das ed. *Global Indicators of Economic and Political Convergence. IGI Global.*	International
A.K. Karmakar, Sebak K. Jana,	"In What Direction is the Wind Blowing? Education and Skill Development – The Case of BRICS",	The Indian Economic Journal. Special Issue, December 2015, pp 131-147. (ISSN: 0019-4662).	National
A. K. Karmakar, Sebak K. Jana	*KhadyaNirapattaya Bharat* (in Benagli)	*SamajJijnasa*, Vol. 8, No.-1 and2, Vol. pp. 70-83. ISSN- 2321-158X. Vidyasagar Centre for Social Sciences.	National
A. K. Karmakar,	"Education and Skill	Bihar Economic	National

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Sebak K. Jana	Development for Faster Economic Growth—The Indian Story",	Journal, Vol. 4, No. 2, July 2015, ISSN: 2230-8970, pp. 60-68. Bihar Economic Association.	
KaberiSarkar, Sebak K. Jana	"Agricultural Credit and Agricultural Development in India"	"Rural Development in India: Policies and Programmes" , Kalpaz Publications Pvt. LTD, New Delhi, (ISBN: 978-93-5128-152-8),	National
Asim K. Karmakar, Sebak K. Jana	"The International Monetary System and the Global Financial Integration"	DebeshBhowmik ed. International Monetary System: Past, Present and Future, Regal Publications, New Delhi, pp. 3-43	National
Sebak K. Jana, Bipul De and MamatajUddin Ahmed,	"Forest Dependence of Households: A Study on Joint Forest Management in the Districts of Bankura and PaschimMedinipur in West Bengal",	BiswajitChatterjee and Asim K. Karmakar eds. Rural Livelihood in India – Issues, Measurement and Policies, Concept Publishing Company Pvt. Ltd., New Delhi, ISBN- 13:978-93-5125-151-4. Pp 290-300.	National
Sebak K. Jana, A. K. Karmakar	"Climate Change: Its Impact On Agriculture, Sustainability and Food Security in India",	K.A. Rasure and S.H. Dhaba ed. "Food Security and Sustainable Rural Development", Mangalam Publications, Delhi, ISBN: 978-93-82983-73-6.	National
Sebak Jana	*Rabindranath-erParibeshBhabana (in Bengali)*	Raj Kumar Sen and Subarna Bhattacharya ed. *Rabindranath-erChintayaParibesh O SusthayeeUnnain*, RabindraBharati University, pp. 125-141. ISBN 978-93-82039-18-1.	National

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Dr. Chandrima Chakraborty			
1.Chandrima Chakrabortyand ArpitaGhose	Performance of Indian Pharmaceutical Industry in the Post-Liberalization era: Evidence based on Structural Break Unit Root Test	Suprayaga, No. 5, August 2015, pp-261-70. (ISBN 978-81-924236-4-7)	National
2.ChandrimaChakrabortyand ArpitaGhose	Does Relative Wage Matters in Explaining Efficiency of Indian Pharmaceutical Industry: Evidence from Stochastic Frontier Production Function Approach	Proceedings of The Sixth National Seminar on Industrial Statistics	National
Dr. Pinaki Das			
Das, Pinaki, SibramChatterjee and Arindam Gupta	RRB-induced Financial Inclusion and Women Empowerment: A Study with Reference to Selected Districts of West Bengal,	Effective Management, Vol.32, No.1, (2015) (ISSN 2278-6740)	National
Das, Pinaki and AsitPandit	Economic Growth and Growth of Employment in West Bengal	International Journal of Research in Economic and Social Sciences, (2016), ISSN-2249-7382).	International (Impact factor 6.225)
Das, Pinaki, J. Mandal and S. Mandi	The Changing Status of the SC/ST Population in India (1981-2011)	QUEST Academic Journal, Vol-10, 2015-16, ISSN 2319-2151,	National
Das, Pinaki and BibekParia	FDI in India and Its Impact on Macro Economic Indicators	Impact of Foreign Direct Investment on Indian Economy, in C. Das (Ed), 2015, ISBN: 978-81931-497-1-3.	National
Sarkar, A; T. Sahu and P. Das	An Inquiry in the Effect of Demographic Factors and Investor Awareness on the Individual Investor Behaviour in Stock Market in India	Financial Sector Reforms in Developing Economies, 2015, ISBN: 978-81-928721-1-7.	National
Ms. Sudipta Jha			
Jha, S.,A. Ghosh and C Ghosh	Interaction between the Real Sector and the Financial Sector: An Alternative to the IS-LM Model	Contemporary Issues and Ideas in Social Sciences; Vol.: 7; 2016; pp: 1-14; ISSN: 1817-4604	National

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ii) Books Published:

	Name of the faculty with co-authors (sequentially)	Book	Name of the Publisher	Year	National/ International
1.	Prof. Joydeb Sasmal	Resources, Technology and Sustainability – An Analytical Perspective on Indian Agriculture	Springer	2016	International

c) Research Projects

(i) Research Projects Initiated during the year

SL. No.	Name of the Faculty	Name of the Project	Inception	Funding Agency	Amount Sanctioned.
1.	Prof. Mihir Kumar Pal	Impact of Environmental Emission on Total Factor Productivity Growth for Energy Intensive Industries in India	01/07/2015	UGC	Rs. 5,79,600
2.	Prof.Sebak K. Jana	Cost, Efficiency, Equity and Quality of Higher Education in West Bengal	23.09.2015	UGC	6,34,600
3.	Dr. Pinaki Das	Multidimensional Poverty Measurement in India: Exploring Tools and Their Application to Assess Poverty and Deprivation	17 September 2015	UGC	Rs. 8,85,600/-

(ii) Research Projects completed during the year

SL. No.	Name of the Faculty	Name of the Project	Funding Agency	Amount Sanctioned.
1.	Prof. Sebak K. Jana	Impact of Public Investment on Water Bodies in Improving the Rural Livelihood – A Study in the Saline Zone in West Bengal in India	NABARD	10.00 Lakhs

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d) Consultancy Extended

SL. No.	Name of the Faculty	Consultancy Extended to	Area of Consultancy	Duration	Amount Sanctioned
1.					

e) MOU /Collaboration

SL. No.	**Name of the Faculty/Department**	**Name of the Organisation/ Institute with which MOU / Collaboration is signed**	**Duration**	**Subject**
1.				

f) Patents Generated

Name of the Faculty	**Topic**	**Patent Registration No.**

g) Faculty Members visited outside Organisation like UGC, CSIR, DST, ICSSR, UPSC as experts/ Visiting Fellow

SL. No.	**Name of the Faculty**	**Period of visit**	**Purpose**	**Name of the organisation .**
1.				

h) Faculty Members attended Refresher /Orientation courses.

SL. No.	**Name of the Faculty**	**Topic of the Refresher/ orientation course**	**Duration**	**Organised by**	**Sponsored by**
1.	Dr. Chandrima Chakraborty	Management for a Better Societal Environment-A Socio Technical Approach	3rd July to 24th July 2015	Department of Civil Engineering, Jadavpur University	UGC

06. Foreign students in the Department (if any)

Name of the student	Home country	Year / Semester	Year Admitted

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07. Research Scholars in the Department

a) Research Scholars awarded Ph.D. during the year 2015-16

SL. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1	Sibram Chatterjee	Dr. Pinaki Das	Impact of Regional Rural Bank on Financial Inclusion, Women Empowerment and Quality of Life in selected District of West Bengal

b) Research Scholars Registered During the Year (2015-16)

SL. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1.	Bibek Das	Dr. Pinaki Das	Multidimensional Poverty Measurement in India
2.	Pallabi Ghosh	Dr. Pinaki Das	Club Convergence of Indian States since early 1980's
3.	Soma Bhowmik	Dr. Sebak K. Jana	Child Labour in West Bengal - A Socioeconomic Study
4.	Mousumi Bakshi	Prof. Joydeb Sasmal	Supply Chain, Market Structure and Agricultural Prices : A Study on Some Major Crops in West Bengal. best
5.	Sibsankar Satpathy	Professor M.K. Pal	Total Factor Productivity Growth in Some Broad Categories of the Manufacturing Sector in India: A Comparison of the Pre-liberalisation and post-liberalisation periods.

08. a) Seminars/ Symposia/ Workshop /Special Lectures organized in the Dept. during the year.

SL. No.	Name of the Seminar/ Symposium / Workshop /Special Lectures	Duration	Funding Agency
1.	"**Contemporary Issues of Economic Development with special reference to Agriculture and Food Security**" Organising Secretary: Professor Joydeb Sasmal Conveners: Dr. Sebak K. Jana and Dr. Chandrima Chakraborty	13-14 January, 2016	UGC, ICSSR and NABARD

08. b) Visiting Fellow: Name, Designation and Tenure of the Work

09. New Academic Programmes Initiated (if any)

10. Whether there is any change in the Curriculum during the year;

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11. Whether any Examination Reform has been implemented during the year ; if any please give the details.

12. Honours and Awards to the Faculty Members during the year:

Prof. Joydeb Sasmal has been Awarded " AnamitraSaha Prize" by The Indian Society of Agricultural Economics in November , 2015 for the paper " Foodgrains Production in India – How Serious is the Shortage of Water Supply for Future Growth? " as the best paper published in Indian Journal of Agricultural Economics in 2014.

13. Whether the Dept. has received SAP, COSIST, ASSIST, DST-FIST etc. during the period. If yes please give the details.

The Department has received DRS, UGC.

14. Highlights of the Department:

15. Others (if any)

1. Departmental Journal - Vidyasagar University Journal of Economics, Vol. XVIII, 2013-14 is published (Editor: Prof.D.Mondal, Managing Editor: Prof.Sebak K. Jana, Assistant Editors: Dr.ChandrimaChakraborty and Dr.Pinaki Das)
2. ProfessorJoydebSasmal acted as Reviewer of Paper of the Journal: (a) Journal of Finance, Economics and Administrative Science, Elsevier; (b) Journal of Development Studies , Routledge; (c) ESCAP, Unicef and (d) RBU Journal of Economics
3. Professor J. Sasmal acted as examiner of Ph.D Thesis of Kalyani University, West Bengal University of Technology (WBUT) and acted as an examiner of Ph.D viva in Calcutta University and WBUT.
4. Dr. Sebak K. Jana attended SAP Advisory Committee Meeting as UGC nominee held on 23.01.2016 at the Department of Economics, Dr. BabasahebAmbedkarMarathwada University, Aurangabad.
5. Dr. Sebak K. Jana became the member of the Executive Committee of the Indian Economic Association.
6. Dr. Sebak K. Jana reviewed papers for the following Journals/Books : (i) International Journal of Research on Social and Natural Sciences (online ISSN 2455-5916), (ii) Indian Journal of Geography and Environment (iii) RabindraBharati University Journal of Economics, (iv) Indian Journal of Research in Multidisciplinary Studies, (v) Book entitled "Global Indicators of Economic and Political Convergence", IGI Gobal.
7. Dr.Sebak K. Jana acted as examiner of Ph.D. Thesis of Assam University and acted as examiner of Ph.D. viva in Jadavpur University.
8. Ms. Sudipta Jha acted as a reviewer of the Journal, Review of Development Economics.

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DEPARTMENT OF HINDI

01. Name of the Department: Hindi

02. Name of the Teachers with Designation.

Sl No	Name of the Teacher holding the Post	Present Designation	Area of Specialization
1	Prof. Damodar Mishra	Professor & Head, Dean (Actg.) Arts & Commerce.	Tulsidas
2	Dr. Sanjoy Kumar Jayswal	Asst. Professor	Premchand
3	Dr. Munni Gupta (On Lien)	Asst. Professor	Premchand

03. Examination Results (Final Examination) 2015

Name of the Exam.	No. candidates appeared	No. of candidates obtained First class	No. of candidates obtained Second class
Semester IV	20	16	04

04. Number of successful candidates appearing in NET, GATE, SET and other remarkable examinations.(2015-16)

NET	GATE	SET	Others
NIL	NIL	NIL	

05. Teacher-wise record for the period (April 2015 to March 2016)

a) Participation in the Seminars / Symposia/ Workshops (Name of Co-Authors not required)

Name of the Seminar/Symposia/ Workshop	**Duration**	**Held at**	**Title of the Paper Presented**	**National/ International**
Prof. Damodar Mishra				
Rabindranath Aur Chhayavad	24.04.2015	Khandra College, Khandra	Ravindranath Aur Chhayavad	National
Adivasi Vimarsh	02.05.2015	Michael Madhusudan College, Durgapur	Adivasi Vimarsh	National
Rajbhasa Hindi	14, 15 Sept. 2015	Viswa-Bharati, Shantiniketan	Rajbhasa Hindi kaPratibalKshetra	National
Autobiographical Literature & Its Relevance in Post-	8-9 Oct., 2015	GourMahavid yalaya, Malda, Supported by	Hindi Sahityamein Dalit Chetna	National

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Colonial India		SERA, Kharagpur		
Bhisma Sahani: RachanaDharmitaAur BhartiyaSamaj	11.03.2016	Rabindra – Bharati University, Kolkata	Hindi KahanikiParamparaAurBhismasahani	National
BhismasahanikiSrijanshilata	16-17 March 2016	Vidyasagar University, Midnapore	BhismasahanikeUpanyasonmeinSamajikChetana	National
Dr. Sanjay Kumar Jayswal				
Autobiographical Literature and Its Relevance in Post-Colonial India	8-9 OCT 2015	GourMahavidyalaya, Malda, Supported by SERA, Kharagpur	Hindi Atmakatha Me Dalit Chetana	National
BhismaSahanikiSahitya Mein Dharma AurManviyaMulya	31st Dec, 2015	SanskritikPunarnirman Mission, Kolkata.	BhismaSahanikiSahitya Mein Dharma AurManviyaMulya	National
BhismasahanikiSrijanshilata	16-17 March 2016	Vidyasagar University, Midnapore	BhismaSahanikeNatakon Mein Sampradayikataaur ManaviyaMulya	National

b) Research Papers/ Books/ Articles/ Others published (2015-16)

i) Research Papers/ Articles/ Chapters in published Books:

Name of the faculty with co-authors (sequentially)	**Title of the Research Paper**	**Name of the Journal, Vol. No., Year & pp. (ISSN/ISBN)**	**National/ International, Impact Factor/ Citation Index**
Prof. Damodar Mishra			
Prof. Damodar Mishra Sri. Pradip Kumar Editor	Bazarvad Aur Samkalin Kavita	Samkalin Hindi KavitakeSarokar ISBN: 978-93-80332-83-3	National
Prof. Damodar Mishra Editor: Dr. S.P. Tiwari	" Swayamprakashkibaat: Teen Kahaniyon KeSath"	Hindi Kahani: SambednakeDharatal 978-81-88904-55-6 2015	National
Dr. Sanjay Kumar Jayswal			
Dr. Sanjay Kumar Jayswal	Jainendra Ki Kahaniyan	Hindi Kahani: Sambedna Ke Dharatal Par (2015)	National
Dr. Sanjay Kumar	Nagare Ki Tarah Bajate	Hastakhsar	National

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Jayswal	Hain Shabda	2015	
Dr. Sanjay Kumar Jayswal	Bhisma Sahani	Sanskriti Sangam 2015	National

ii) Books Published: 2015-16 NIL

Name of the faculty with co-authors (sequentially)	Book	Name of the Publisher	Year	National/ International
(Name of the faculty)				

c) Research Projects

(i) Research Projects Initiated during the year : 2015-16

SL. No.	Name of the Faculty	Name of the Project	Inception	Funding Agency	Amount Sanctioned.
1.	Dr. Sanjay Kumar Jayswal	Innovative Research Project ' Samkalin Hindi AdiwasiKavita Mein SamajikChetana		Vidyasagar University	60,000/-

(ii) Research Projects completed during the year

SL. No.	Name of the Faculty	Name of the Project	Funding Agency	Amount Sanctioned.
1.	Prof. Damodar Mishra	PremchandEvam Rabindranath: AntarvastuAurRoopgatPrayog	UGC	50,000/-

d) Consultancy Extended :

SL. No.	Name of the Faculty	Consultancy Extended to	Area of Consultancy	Duration	Amount
1.					

e) MOU/Collaboration :

SL. No.	Name of the Faculty/Department	Name of the Organization/ Institute with which MOU/ Collaboration is signed	Duration	Subject
1.				

f) Patents Generated :

Name of the Faculty	Topic	Patent Registration No.

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g) Faculty Members visited outside Organization like UGC, CSIR, DST, ICSSR, UPSC as experts/ Visiting Fellow :

SL. No.	Name of the Faculty	Period of visit	Purpose	Name of the organization

h) Faculty Members attended Refresher/Orientation courses

SL. No.	Name of the Faculty	Topic of the Refresher/ orientation course	Duration	Organized by	Sponsored by
1.	Dr. Sanjay K. Jayswal	Orientation Course	10th Aug.,2015 to 8th Sept,2015	Calcutta University	HRDC

06. Foreign students in the Department (if any):

Name of the student	Home Country	Year / Semester	YearAdmitted

07. Research Scholars in the Dept.

a) Research Scholars awarded Ph.D. during the year 2015-16

SL. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1			

b) Research Scholars Registered During the Year (2015-16)

SL. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1	Sweety Singh	Prof. Damodar Mishra	Nasira Sharma KeUpanyas: SrijanAurDristikon
2	Neeta Kumari Gupta	Prof. Damodar Mishra	SanjeevKeUpanyason Mein LoksanskritiKaSwarup
3	PratimaKumari	Dr. Sanjay K. Jayswal	Samkalin Hindi Adiwasi Katha Mein SamajikChetna
4	Vinod Kumar	Dr. Sanjay K. Jayswal	SaileshMatiyanikiKahaniyon Mein Anchaliki
5	Om PrakashRabidas	Dr. Munni Gupta (On Lien)	Sanjeevke Katha SahityaKaAnushilan

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08. a) Seminars/ Symposia/ Workshop/Special Lectures organized in the Department during the year: 2015-16

SL. No.	Name of the Seminar/ Symposium/ Workshop/Special Lectures	Duration	Funding Agency
1.	Bhisma Sahani Ki Srijanshilta	16-17 March 2016	UGC (Unassigned Grant)

b) Visiting Fellow: Name, Designation and Tenure of the Work NIL

09. New Academic Programs Initiated (if any) NIL

10. Whether there is any change in the Curriculum during the year. NIL

11. Whether any Examination Reform has been implemented during the year; if any please give the details. NIL

12. Honours and Awards to the Faculty Members during the year. NIL

13. Whether the Dept. has received SAP, COSIST, ASSIST, DST-FIST etc. during the period. If yes please give the details. NIL

14. Highlights of the Department. NIL

15. Others (if any).

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DEPARTMENT OF HISTORY

01. Name of the Department: History
02. Name of the Teachers with Designation

Sl No	Name of the Teacher holding the Post	Present Designation	Area of Specialization
1	Professor Ujjayan Bhattacharya	Professor	Early Modern History
2	Gautam Chando Roy	Associate Professor	Childhood and Children's Literature in Colonial Bengal
3	Shamita Sarkar	Associate Professor	Agrarian History, environmental History, History of Public Health
4	Dr. Sujaya Sarkar	Associate Professor	Social History of Science and Technology in Colonial India, Regional History of South-West Bengal
5	Shyamaprasad De	Assistant Professor	Environmental History, Foreign Policy, History of Ideas and Thoughts.
6	Dr. Debjani Das	Assistant Professor	Social History of Medicine, Womens' Studies

03. Examination Results (Final Examination) 2015

Name of the Exam.	No. candidates appeared	No. of candidates obtained First class	No. of candidates obtained Second class
Semester IV	107	76	31

04. Number of successful candidates appearing in NET, GATE, SET and other remarkable examinations.(2015-16)

NET	GATE	SET	Others
NIL	NIL	1	NIL

05. Teacher-wise record for the period (April 2015 to March 2016)
i) Participation in the Seminars / Symposia/ Workshops (Name of Co-Authors not required)

Name of the Seminar/Symposia/ Workshop	Duration	Held at	Title of the Paper Presented/ Role	National/ International
Ujjayan Bhattacharya				
Seminar on *Food Security*	3-4 September	Smith School of Enterprise	*Rivers, Inundation and Grain Scarcity*	International

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and the Environment in India and Britain,	2015	and the Environment University of Oxford, UK	*in early Colonial Bengal*	
Seminar on *Configuring Early Modern South Asia*	12-13 November 2015	Organized by Jawaharlal Nehru University in collaboration with Trinity College Dublin.	*Early Colonial Experience in Management of Waters: Bengal 1760-1800.*	International
Workshop on *Intolerance and Society in India*	29th February 2016	Indian Institute Of Management, Kolkata	Discussant	International
Shri Gautam Chando Roy				
Seminar on "Contested Sites. Construction of Childhood",	26-28 November 2015	Indian Institute of Advanced Study, Shimla	"Children's Periodicals, 1880-1920: Adult-Child Relationship in Colonial Bengali Society"	International
Seminar on "Historicising the Peripheries"	17-18 March 2016	Ramsaday College, Amta	"Children's Periodicals in Bengal: Childhood in a Colonial Society"	National
Ms. Shamita Sarkar				
76th Session of Indian History Congress	27-29 December, 2015	University of GourBanga, Malda	"India's Wild Life Conservation Policy and the	National
XXXIInd Annual Conference of PaschimbangaItihas Samsad	24-26 January, 2016	PaschimbangaItihasSamsad at Kolkata	"All India Institute of Hygiene and Public Health"	National
Seminar on Occupational Safety and Health	24th March,2016	Woman's Study Centre, VU	Chaired the session	National
Winter School	01stJanuary 2015	Woman's Study Centre, VU	Resource Person	
Conference on "Documentation and Digitization of Cultural Texts and Languages: Problems and Prospects"	29-30 March, 2006	Department of English, VU	Conservation of Bharat Natyam as a Cultural text : the life and career of Guru ThankumaniKutti	National
Special Lecture	31st July, 2015	Woman's Study Centre, VU	Women's health in colonial India: the	

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			concept of Jenana health.	
Dr. Sujaya Sarkar				
76th Session of Indian History Congress	27-29 December, 2015	University of GourBanga, Malda	'Journal of the Asiatic Society of Bengal and Geological Studies in Colonial India'	National
XXXIInd Annual Conference of PaschimbangaItihas Samsad	24-26 January, 2016	PaschimbangaItihasSamsad at Kolkata	'Role of the Missionaries in the field of education in colonial Midnapore district'	National
Shri Shyamaprasad De				
76th Session of Indian History Congress	27 – 29 December, 2015.	University of GourBanga, Malda	'Flood of 1926 at Sub-division of Ghatal in Midnapore District – An Analysis'	National
XXXIInd Annual Conference of PaschimbangaItihasSamsad	24 – 26 January, 2016	Derozio Memorial College, North 24 Paraganas	'Floods of 1926 at Nandigram and Mayna Thana – An Analysis'	National
Dr. Debjani Das				
Seminar on Ethnic Identity and Indegenity	19 November 2015	Subarnarekha Mahavidyalaya, Gopiballavpur, Paschim Midnapore	Ethno medicine: Aspects of Medicine and Culture Among the Indigenous People	UGC sponsored National Seminar

b) Research Papers/ Books/ Articles/ Others published (2015-16)

i) Research Papers/ Articles/ Chapters in published Books:

Name of the faculty with co-authors (sequentially)	**Title of the Research Paper**	**Name of the Journal, Vol. No., Year & pp. (ISSN/ISBN)**	**National/ International, Impact Factor/ Citation Index**
Ujjayan Bhattacharya			
Ujjayan Bhattacharya	Book Review: Vanguards of Globalization: Port-Cities from the Classical to the Modern Rila Mukherjee (ed.),	Indian Historical Review 42(1) 1–3 © 2015 Indian Council of Historical Research SAGE Publications	International
-Do-	Luso-Indians in British India: Home, Exile and Nationality	Hispanic Horizon, Journal of the Centre of Spanish, Portuguese, Italian &	International

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		Latin American Studies. Jawaharlal Nehru University, New Delhi. ISSN 0907-7522, pp. 65-99	
Dr. Sujaya Sarkar			
Dr. Sujaya Sarkar	'Emergence of Social History writing: Approaches and Interpretations'	Karatoya: North Bengal University Journal of History, Vol. 8, Pp 74 – 83, 2015. ISSN 2229 – 4880, 2015	Peer Reviewed
-Do-	'Role of Henry Wesley Voysey in the budding of Geology in Colonial India'	Proceedings of the Indian History Congress, Pp 819 - 825 , IshratAlam(ed.), 2015, ISSN 2249-1937	
-Do-	'Spread of Female Education in Mufassal Bengal: Case study of colonial Midnapore town' (in Bengali)	ItihasAnusandhan 30, Pp 894 – 901, K. Chattopadhyay (ed.) Paschimbanga Itihas Samsad, 2016.	Peer Reviewed

ii) Books Published:

Name of the faculty with co-authors (sequentially)	Book	Name of the Publisher	Year	National/ International
Dr. Sujaya Sarkar	The Making of Geology in India – A Historical Study in Science and Colonialism 1767-1856	Progressive Publishers, ISBN 978 81 8064 225 8,	2016	National
Dr. Debjani Das	Houses of Madness: Insanity and Asylums of Bengal in Nineteenth-Century India	Oxford University Press, New Delhi	2015	National

c) Research Projects

(i) Research Projects Initiated during the year

SL. No.	Name of the Faculty	Name of the Project	Inception	Funding Agency	Amount Sanctioned.
1.	Dr. Debjani Das	Health and Healing Practices among the Adivasis of Medinipur	May 2015	UGC Innovative Research	2,65,000

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(ii) Research Projects completed during the year :

SL. No.	Name of the Faculty	Name of the Project	Funding Agency	Amount Sanctioned.
1.				

d) Consultancy Extended: NIL

SL. No.	Name of the Faculty	Consultancy Extended to	Area of Consultancy	Duration	Amount
1.					

e) MOU/Collaboration: NIL

SL. No.	Name of the Faculty/Department	Name of the Organization/ Institute with which MOU/ Collaboration is signed	Duration	Subject
1.				

f) Patents Generated : NIL

Name of the Faculty	Topic	Patent Registration No.

g) Faculty Members visited outside Organization like UGC, CSIR, DST, ICSSR, UPSC as experts/ Visiting Fellow: NIL

SL. No.	Name of the Faculty	Period of visit	Purpose	Name of the organization

h) Faculty Members attended Refresher/Orientation courses

SL. No.	**Name of the Faculty**	**Topic of the Refresher/ orientation course**	**Duration**	**Organized by**	**Sponsored by**
1.	Dr. Sujaya Sarkar	Partners in Learning-Teaching with Technology' Program	01. 10. 15 – 09. 10 15 (One week duration)	Microsoft	Vidyasagar University
2.	Dr. Debjani Das	1st Refresher Course in History	4/01/16 – 29/01/16 (26 days)	UGC Human Resource Development Centre, Jawaharlal Nehru	UGC

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				University, New Delhi	

06. Foreign students in the Department (if any) :

Name of the student	Home Country	Year / Semester	YearAdmitted

07. Research Scholars in the Dept.
a) Research Scholars awarded Ph.D. during the year 2015-16

SL. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1.	1. Partha Pratim Roy	Ujjayan Bhattacharya	
2.	2. Tapan Hazra	-do-	

b) Research Scholars Registered During the Year (2015-16) :

SL. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis

08. a) Seminars/ Symposia/ Workshop/Special Lectures organized in the Department during the year.

SL. No.	Name of the Seminar/ Symposium/ Workshop/Special Lectures	Duration	Funding Agency
1.	Extension lecture by ArunBandyopadhyay (2 lectures), Calcutta University	1 Day (2 lectures)	UGC unassigned grant
2.	Extension lecture by Prof. Sumit Mukherjee, Dean, Kalyani University	1 Day (2 lectures)	UGC unassigned grant

b) Visiting Fellow: Name, Designation and Tenure of the Work : NIL

09. New Academic Programs Initiated (if any) :M.Phil in History

10. Whether there is any change in the Curriculum during the year: Syllabus based on CBCS formulated (Introduced on July 2016)

11. Whether any Examination Reform has been implemented during the year; if any please give the details. : NIL

12. Honours and Awards to the Faculty Members during the year. NIL

13. Whether the Dept. has received SAP, COSIST, ASSIST, DST-FIST etc. during the period. If yes please give the details. NO

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14. Highlights of the Department. :

- **"**Audio Visual Documentation of Santhali Folklore and Tradition" a project by Dr. Debjani Das (Collaborative Project with Santhali Department) which was initiated in November, 2015 is continuing.
- The department hosted the following memorial lectures;
  (i) BirendranathSasmal Memorial lecture.
  (ii) Rajnarayan Bose Memorial Lecture delivered by Prof. Sekhar Bandyopadhyay, Victoria University, Wellington, New Zealand.

15. Others (if any). : NIL

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DEPARTMENT OF LIBRARY & INFORMATION SCIENCE

01. **Name of the Department : Library and Information Science**
02. **Name of the Teachers with Designation**

Sl. No.	Name of the Teacher holding the Post	Present Designation	Area of Specialization
1.	Dr. Pijush Kanti Jana	Professor	Knowledge Organization
2.	Dr. Durga Sankar Rath	Professor	Information Technology
3.	Smt. Smita Sett	Associate Professor	Resource Description and Access
4.	Dr. Nivedita Bhattacharyya Sahu	Assistant Professor	Information Sources and Services
5.	Dr. Soumen Mallik	Assistant Professor	Scientometrics, Information Retrieval
6.	Smt. Snigdha Naskar	Assistant Professor	Information and Society
7.	Dr. Bidyarthi Dutta	Assistant Professor	Bibliometrics and Research Methodology

03. **Examination Results (Final Examination) 2015**

Name of the Exam.	No. candidates appeared	No. of candidates obtained First class	No. of candidates obtained Second class
Semester –II BLISc	31	28	03
Semester –II MLISc	16	15	01

04. **Number of successful candidates appearing in NET, GATE, SET and other remarkable examination. (2015-16)**

NET	GATE	SET	Others
01		01	05

05. **Teacher-wise record for the period (April 2015 to March 2016)**

a) Participation in the Seminars / Symposia / Workshops (Names of co-authors not required)

Name of the Faculty	Name of the Seminars / Symposia / Workshops	Duration	Held at	Title of the Paper Presented	National / International
Dr Pijush Kanti	UGC & RRRLF	28-29	Department of	Present scenario	National

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Jana	Sponsored National Seminar on " Revival from Peril: Towards Resurrection of Public Library System in West Bengal"	March, 2016	Library and Information Science, Vidyasagar University	of rural / primary unit libraries of PaschimMedinipurDistrict: an analysis	
Dr Durga Sankar Rath	UGC & RRRLF Sponsored National Seminar on " Revival from Peril: Towards Resurrection of Public Library System in West Bengal".	28-29 March, 2016	Department of Library and Information Science, Vidyasagar University	Usage pattern in public library system of West Bengal	National
	National Seminar on "Advances and Librarianship"	28-29 March, 2016	North Orissa University	Relevance of Semantic Web: an introduction for Library Professionals	National
Smt Smita Sett					
Dr Nivedita Bhattacharyya Sahu	UGC Sponsored Two-Week Workshop on Research Methodology	July 16 to July 31, 2015	Department of Commerce with Farm Management, Vidyasagar University	Open Access Publishing in Social sciences in India: A study of Directory of Open Access Journals (DOAJ)	National
	UGC & RRRLF Sponsored National Seminar on Revival from Peril: Towards Resurrection of Public library system in West Bengal	March 28-29, 2016	Department of Library and Information Science, Vidyasagar University, Midnapore	Re-Visioning the public libraries of 21st century in West Bengal-the place for life long learning	National
Dr Soumen Mallik	UGC & RRRLF Sponsored National	28-29 March, 2016	Department of Library and Information	Towards the resurgence of public libraries	National

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	Seminar on " Revival from Peril:Towards Resurrection of Public Library System in West Bengal"		Science, Vidyasagar University	in West Bengal	
Smt Snigdha Naskar					
Dr Bidyarthi Dutta	UGC-DEB sponsored National Conference entitled "Open Educational Resources"	Dec 18-19, 2015	Netaji Subhas Open University, Kolkata	Open-Educational-Resource (OER) as gateways of lifelong learning: the role of UNESCO	National
	International Conference on Science of Human Learning	Feb 04-06, 2016	India International Centre, New Delhi	Social networking: a new media for lifelong learning as viewed through Bloom's Taxonomy	International
	National Seminar on Philosophy and Teachings of Dr. S.R. Ranganathan	Feb 18, 2016	National Institute of Science Communication and Information Resources	Concept and context of *subject* as introduced by Dr. S. R. Ranganathan: an analytic approach	National

b) Research Papers / Books / Articles / Others published (2015-16)

i) Research Papers / Articles / Chapters in Published Books:

Name of the Faculty with co-authors (sequentially)	**Title of the Research Paper**	**Name of the Journal, Vol. No. Year & pp. (ISSN / ISBN)**	**National / International Impact Factor . Citation Index**
Dr Pijush Kanti Jana	Chief Sources of Information for Bibliographic Description: Analysis of the Bengali Books Published during the First Two Decades of the 20th Century.	The Eastern Librarian. 22, 1 & 2; 2016. (ISSN: 1021-3651).	International

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	Trend of Indian Patents on the Subject Field Related to Inorganic Chemistry during Pre and Post TRIPS Period: An Analytical Study.	Vidyasagar University Journal of Library and Information Science. 20; March, 2016. (ISSN: 0972 – 8570).	National
	Bridging the Digital Gap through ICT: A Proposed Solution.	Vidyasagar University Journal of Library and Information Science. 20; March, 2016. (ISSN: 0972 – 8570).	National
	Emergence of E – Resource Collection and their Services in Private Engineering College Libraries of West Bengal: Analytical Study.	VSRD International Journal of Library & Information Science. 2, 1; February, 2016. (e-ISSN: 2455 - 5223) (online).	National
	Collection, Organisation and Proper Dissemination of E – Resources and Services: Role of Librarian.	Journal of Advancement in Library Sciences. 3, 1; 2016. (ISSN: 2349-4352) (online).	National
	Trends in Private Engineering Education Institutions and their Libraries Services in West Bengal: An Overview.	Journal of Advancement in Library Sciences. 2, 2; August, 2015. (ISSN: 2349-4352) (online).	National
	Look Back to 20th Century: Content Analysis of Preliminary Pages of Bengali Books Published during 1901 – 1920.	Academia: GMGC (An Academic Journal of Gokhale Memorial Girls' College. 2; May, 2015; 66 - 74. (ISSN: 2348 - 7054).	National
Dr Durga Sankar Rath	Little Magazine of Medinipur the after Sources of Social Science Information.	*RBU Journal of Library and Information Science.* Vol. 17, 2015 . Pp. ISSN: 0972-2750.	National
Dr Bidyarthi Dutta	Ranganathan's elucidation of subject in the light of	Annals of Library and Information Studies;	National

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	'Infinity (∞)',	Vol.62 (4), Year: 2015; p.255-264. (ISSN: 0975-2404 (Online); 0972-5423 (Print))	
	Galileo as viewed through scientometric looking glass	Journal of Scientometric Research, Vol.4 (2), Year: 2015; p.85-95. (ISSN: 2320-0059 (Online); 2321-6654 (Print))	International
	Preservation of UNESCO World heritage with special reference to India	Indian Horizons, Vol.62 (3), Year: 2015; p.64-75. (ISSN:0019-7203)	National
	Introducing facetometrics: a new keyword-based measure for locating research areas of a subject	SRELS Journal of Information Management, Vol.53 (3), Year: 2016; p.177-185.	National
	Research trend analysis of Vidyasagar University since 1989: a bibliometric study	*Journal of Advancements in Library Sciences, Vol.3 (2), Year: 2016; p.89-102.*	National
	Altmetric manifesto completes five years (2010–2015) [Report]	*Current Science, Vol.110 (1), Year: 2016; p.16-17.*	National
	. Open research data without borders [Book Review]	Journal of Scientometric Research, Vol.4 (2), Year: 2015; p.122-123. (ISSN: 2320-0059 (Online); 2321-6654 (Print))	International
		Annals of Library and Information Studies;	National

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	Research evaluation metrics [Book Review	Vol.63 (1), Year: 2016; p.78-79. (ISSN: 0975-2404 (Online); 0972-5423 (Print))	
	. Information control: various issues and challenges [Chapter in Edited Book]	In, Librarianship in digital environment:a global perspective (Vol.II), edited by Anna Kaushik, ShriramPandey and ShwetaPandey; p.345-359; Delhi: B.R. Pub. Corp. 2015. (ISBN: 978-93-505022-6-6)	National
Dr. Nivedita Bhattacharyya Sahu	Disaster Management in Science and Social Science Research Libraries at Kolkata: Case Studies	VSRD International Journal of Technical and Non-Technical Research, Vol VI, Special Issue, May 2015 (e-ISSN: 0976-7967 p-ISSN: 2319-2216)	International
	Information School Movement: with special reference to Consortium of ISchools Asia Pacific,	Sustainability of Library and Information Services, edited by Swapna Banerjee and ArabindaMaity, Published by Department of Library and Information Science, University of Calcutta, Kolkata, January 2016, (ISBN: 978-81-925313-7-3)	National

ii) Books Published :

Sl. No.	Name of the Faculty with co-authors (sequentially)	Book	Name of the Publisher	Year	National / International
01.	Bidyarthi Dutta (Edited by Prof. B.K. Sen)	Organising knowledge: then and now (171 pages)	Ess Ess Publications, New Delhi (ISBN: 978-8-170-00748-7)	2015	National

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		An analytical investigation into the characteristics of a subject (276 pages)	Lambert Academic Pub. 2015. (ISBN: 978-3-659-69987-0)	2015	International

c. Research Projects

i) Research Projects Initiated during the year

Sl. No.	Name of the Faculty	Name of the Project	Inception	Funding Agency	Amount Sanctioned
01	DurgaSankarRath	Design and development of quantitative indicators for quality assessment and trend analysis of research in some emerging trans-disciplinary subject domains	Since April 2014; To be completed on or before March 2016	UGC	Rs.50,000/-
02	Dr. Nivedita Bhattacharyya Sahu	Documentation of writings on Numismatics published in Asiatic Researches and Journal of the Asiatic Society of Bengal during the Nineteenth Century	With effect from 17th June, 2015	University Grants Commission, New Delhi	Rs. 62, 000/-

ii) Research Projects completed during the year

Sl. No.	Name of the Faculty	Name of the Project	Funding Agency	Amount Sanctioned
01	Bidyarthi Dutta	Development of multi-faceted information retrieval tool for some emerging trans-disciplinary subject domains	Since April 2014 to March 2016	UGC

d. Consultancy Extended

Sl. No.	Name of the Faculty	Consultancy Extended to	Area of Consultancy	Duration	Amount Sanctioned

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e. MOU / Collaboration

Sl. No.	Name of the Faculty / Department	Name of the Organisation / Institute with which MOU / Collaboration is signed	Duration	Subject

f. Patents Generated

Name of the Faculty	Topic	Patent Registration No.

g. Faculty Members visited outside Organisation like UGC, CSIR, DST, ICSSR, UPSC as experts / visiting fellow

Sl. No.	Name of the Faculty	Period of visit	Purpose	Name of the organisation

h. Faculty Members attended Refresher / Orientation courses

Sl. No.	Name of the Faculty	Topic of the Refresher / orientation Course	Duration	Organised by	Sponsored

06. **Foreign students in the Department (if any)**

Name of the Student	Home Country	Year / Semester	Year Admitted

07. **Research Scholars in the Department**

a) Research Scholars awarded Ph. D. during the year 2015-16

Sl. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis

b) Research Scholars Registered during the year (2015-16)

Sl. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
01	Supriya Mallik	Dr. Nivedita Bhattacharyya Sahu	Information Needs and Patterns of Information Seeking Behaviour of the Lodha Community of Paschim Medinipur District, West Bengal
02	Sudipta Pradhan	Dr. Nivedita	Information Services for the Visually

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		Bhattacharyya Sahu	Challenged in West Bengal: An Analytical Study
03	DyutiSamanta	Dr. Bidyarthi Dutta	Correlation Analysis among Various Impact of Scholarly Communication: A Normalized Approch
04	Pankaj Kumar Sarkar	Dr. Soumen Mallik	
05	Sumit Kumar Manna	Dr. Soumen Mallik	Evaluation of the Impact of Research on Rice and Jute in Selected ICAR Laboratories during 2004-2015 and the Reaction on the part of the Recipient of Information / Beneficiaries from the Technology Transfer
06	Amiya Kumar Das	Dr. Bidyarthi Dutta	Human Resource Management in Engineering College Librarian of West Bengal: Problems and Prospects
07	Kalipada Jana	Dr. Bidyarthi Dutta	An Analytical Model for Research Trend Analysis of specific subject Domains through Keyword-Cluster: A cash study from Physics
08	DebrabrataMaity	Dr. Bidyarthi Dutta	Contents Analysis of Highly-Cited Subject Specific Scholarly Communications: An Intrinsic Approch
09	Swapan Paul		
10	Saswata De	Dr. SoumenMallik	Health Information Insfrastructure in Jangalmahal, West Bengal
11	Soumen Teli	Dr. Bidyarthi Dutta	Genesis, Growth and Obsolescence Study of Different Facets of Biological Sciences: An Analytical Model
12	Pitambar Naskar	Dr. Bidyarthi Dutta	Saradindu Bandyopadhyayer RachanaSamiksha, Charitra Nirghantikaran o Samasamayeek Prabhab: Tathya Samiksha o Pralekhan
13	Sanjukta Sahoo		
14	Asish Maity		
15	Bibek Mahata		

08. a) Seminars / Symposia / Workshop / Special Lectures organized in the Department during the year.

Sl. No.	Name of the Faculty	Name of the Seminar / Symposia / Workshop / Special Lectures	Duration	Funding Agency
01	DrPijushKanti Jana	National Seminar entitled "Revival from Peril: Towards Resurrection of Public Library System in West Bengal"/ Joint Conveners: Prof. PijushKanti Jana and Dr. Bidyarthi Dutta	March 28-29, 2016	University Grants Commission and Raja Rammohun Roy Library Foundation

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02	Dr Bidyarthi Dutta	National Seminar entitled "Revival from Peril: Towards Resurrection of Public Library System in West Bengal"/ Joint Conveners: Prof. PijushKanti Jana and Dr. Bidyarthi Dutta	March 28-29, 2016	University Grants Commission and Raja Rammohun Roy Library Foundation

b) Visiting Fellow : Name, Designation and Tenure of the work

09. New Academic Programmes Initiated (if any)

10. Whether there is any change in the Curriculum during the year.

11. Whether any Examination Reform has been implemented during the year; if any please give the details.

12. Honours and Awards to the Faculty Members during the year.

13. Whether the Department has received SAP, COSIST, ASSIST, DST-FIST etc. during the period; if yes please give the details.

14. Highlights of the Department :

15. **Others (if any).**

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DEPARTMENT OF PHILOSOPHY AND THE LIFE-WORLD

01. Name of the Department: Philosophy and the Life-world

02. Name of the Teachers with Designation

Sl No	Name of the Teacher holding the Post	Present Designation	Area of Specialization
1	Prof. Bhupendra Chandra Das	Professor	Indian Philosophy, Kant, Western Logic
2	Sri Ramdas Sirkar	Associate Professor	Philosophy of language, Applied Philosophy
3	Dr. Papia Gupta	Associate Professor and Head	Nyaya, Applied Philosophy, Feminism
4	Dr. Tapan Kumar De	Associate Professor	Phenomenology, Contemporary Indian Philosophy, Advanced Logic, Applied Philosophy
5	Smt. Sumana Bera	Assistant Professor	Philosophy of Mind, Philosophy of Cognition
6	Dr. Shewli Dutta	Assistant Professor	Philosophy of Mind, Advanced Logic

03. Examination Results (Final Examination) 2015

Name of the Exam.	No. candidates appeared	No. of candidates obtained First class	No. of candidates obtained Second class
Semester IV	99	83	10

04. Number of successful candidates appearing in NET, GATE, SET and other remarkable examinations. (2015-16)

NET	GATE	SET	Others
08		03	15

05. Teacher-wise record for the period (April 2015 to March 2016)

a) Participation in the Seminars / Symposia/ Workshops (Name of Co-Authors not required)

Name of the Seminar/Symposia/ Workshop	**Duration**	**Held at**	**Title of the Paper Presented**	**National/ International**
Prof. Bhupendra Chandra Das				
Philosophy of Man	One Day 19	Phil. Dept.,	A Study on the	State Level

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and Environment	Nov.2015	Vidyasagar University	Problems of Anthropocentrism	
The Philosophy of Thiruvalluvar	One Day 22 Sept. 2015	Do	A Study on Thiruvalluvar's Views on Possessing Love,Truthfulness and Relinquishing Desire	State Level
Philosophy of Mind: Indian and Western Perspectives	One Day 10 Jan. 2016	Do	The Concept of Citta (Mind) in Yoga Philosophy	International
Dr. Papia Gupta				
6th Refresher Course in Women's Studies	2nd -22nd June 2015 (Lecture delivered 18th June-2015	Burdwan University	Revisiting The Position of Women in Ancient India	National
Euthanasia : Right To Die	2nd& 3rd Sept' 2015	Vivekananda college, Alipurduar	Ethical Role Of Physician In PAS	National
Philosophy Of Man And Environment	19th Nov' 2015	Dept of Philosophy and The Life- World Vidyasagar University	Buddhist Attitude To Nature : An Observation	State-level
Invited Lecture on Rape And Media	24th Nov' 2015	Vivekananda Mission Mahavidyalaya, Haldia , PurbaMedinipur	Rape : A Heinous Crime Against Women	Regional
Women Empowerment	1st Dec' 2015	Raja N.L.Khan Women's College, Midnapore	Women As A Victim Of Gender Violence	State -level
Dr Sushila Mondal Smarak Baktritamala	8th Dec' 2015	Raja N.L.Khan Women's College, Midnapore	ManabirManabAdhikar : AkOntoheenLoraai	Regional
Euthanasia	23rd Dec' 2015	Prabhat Kumar College, Contai, PurbaMedinipur	Periodical Lecture on Euthanasia: AnEthical Quest	State-level
Philosophy Of Mind: Indian And Western Perspectives	!0th Jan' 2016	Dept of Philosophy and The Life- World Vidyasagar University	Concept Of Mind From The Perspective Of Vivekananda	International
Winter School On Gender, Women And Society : Debates	5th-25th Jan' 2016 (Lecture	Women's Study Centre Vidyasagar	Degraded Condition of Women in the	National

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And Development	delivered on 13th Jan' 2016	University	Vedic and Epic Era: An Observation	
The Philosophy of Thirubhallubhar	1day, 22nd September, 2015.	Dept of Philosophy and The Life- World Vidyasagar University	"Thirubhallubhar on Family Life"	State-level
Invited lecture :Moral Permissibility Of Punishment	21st March 2016	TamraliptaMahavidyalaya , PurbaMedinipur	Justifying Capital Punishment: Recent Debates	State level
Invited Lecture: Die with Dignity	21st March 2016	TamraliptaMahavidyalaya , PurbaMedinipur	Euthanasia : Right of Patient	State level
Dr. Tapan Kumar De				
BIO ethics	12th February, 2015	Dept. of Philosophy,Pingla Thana Mahavidyalay	Ethical Perspectives of Targeted Killing	Regional Level
Philosophy Of Man And Environment	19th Nov' 2015	Dept of Philosophy and The Life- World Vidyasagar University	From Conservation to Preservation: A Right Way to Behave With Nature	State-level
The Philosophy of Thirubhallubhar	1day, 22nd September, 2015.	Dept of Philosophy and The Life- World Vidyasagar University	"Law of Karma"	State-level
Winter School On Gender, Women And Society : Debates And Development	5th-25th Jan' 2016 (Lecture delivered on 13th Jan' 2016)	Women's Study Centre Vidyasagar University	A Journy from Sex to Soul: A Study in the Philosophy of Swami Vivekananda	National
Winter School On Gender, Women And Society : Debates And Development	5th-25th Jan' 2016 (Lecture delivered on 13th Jan' 2016)	Women's Study Centre Vidyasagar University	The Vissible Impact of Invissible Bangladeshi Refugee: An Ethical Study	National
Women Empowerment : An Indian Perspective	29th January,2016	Silda C.S. College, Silda, Paschim Medinipur	The Right Way of Women Empowerment: A Study in the Philosophy of Vivekananda	State Level
Philosophy of Mind: Indian and Western	1day, 10th January, 2016	Dept of Philosophy and	Husserl on Mind	International

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Perspectives		The Life- World Vidyasagar University		
Invited Lecture	28-30 March, 2016	Vidyasagar University, NSS Cell	Capacity Development and Inner Empowerment	State Level
Invited Lecture	23rd September 2015	Mahisadal Girls' College	Monitoring & Evaluation of NSS Programme, necessity, benefits & techniques	State Level
Invited Lecture	23rd September 2015	Mahisadal Girls' College	Preparation of reports, records, registers, documentation and publications	State Level
Smt. Sumana Bera				
The Philosophy of Thirubhallubhar	22nd September, 2015.	Dept of Philosophy and The Life- World Vidyasagar University	"Some Comments on Thiruvallubhar's Social Philosophy"	State-level
Philosophy of Man and Environment	19th Nov,2015	Dept of Philosophy and The Life- World Vidyasagar University	"Ritual and Environment: A Brief Discussion"	State-level
Philosophy of Mind: Indian and Western Perspectives	10th January, 2016	Dept of Philosophy and The Life- World Vidyasagar University	"Kant's Conceptualism: A Critical Analysis"	International
Dr. Shewli Dutta				
Philosophy of Mind: Indian and Western Perspectives	10th January, 2016	Dept of Philosophy and The Life- world Vidyasagar University	"A Critique of Shoemaker's Interpretation of Proper name Theory and Self-Identity"	International
Coloniality and Post-Coloniality: Adivasi Society and Culture in Transition	27-28 April, 2016	Auditorium, Vidyasagar University	"Social and Philosophical Perspectives of Witchcraft in Advasi Societies in India: Two Problems"	National

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b) Research Papers/ Books/ Articles/ Others Published (2015-16)

i) Research Papers/ Articles/ Chapters in published Books:

Name of the faculty with co-authors (sequentially)	Title of the Research Paper	Name of the Journal, Vol. No., Year & pp. (ISSN/ISBN)	National/ International, Impact Factor/ Citation Index
Dr. Bhupendra Chandra Das			
Bhupendra Chandra Das & Dipak Kumar Mandal	The Doctrine of Niskamakarma of the Bhagavad Gita: An Estimate	*Philosophy and the Life-world,* Vol. No. 18, 2015-2016, pp.60-72	International
Dr. Papia Gupta			
Papia Gupta	"The Status of Women in Ancient India: An Observation"	*Does Human Right Exist?*2015, ISBN No: 978-93-80332-80-2	National
Papia Gupta	"Status of Tribal Women in India: Some Observations"	*Anudhyan: An International Journal of Social Science*Vol: 1, No:1, 2016, pp. 181-188, e-ISSN: 2455-6319(online)	International
Papia Gupta and Arpita Chauni	"Relevance of Ethics in the Field of Media"	*Philosophy and the Life-world*, Vol.18, 2015-2016, pp. 83-91, ISSN: 0975-8461	National
Dr. Tapan Kumar De			
Tapan Kumar De	"Human Rights and Sexual Discrimination: A Reflection on Third Gender"	*Does Human Right Exist?*2015, ISBN No: 978-93-80332-80-2	National
Tapan Kumar De and Prasenjit Nanda	"History of Animal Liberation Movement"	*Philosophy and the Life-world*, Vol.18, 2015-2016, pp. 83-91, ISSN: 0975-8461	National
Tapan Kumar	"Teachings of the Gita and Inner	*The Philosophy*	National

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De	Empowerment: A Study in the Philosophy of Vivekananda"	*of Bhagabad Gita*, 2016, ISBN No: 93-85798-04-7	
Tapan Kumar De	"Mahapnadit Rahul Sankrityayan: Boishamya Durikaraner Ek Aparajita Sainik"	*Unmesh*, Year:2, No:1, Oct,2015, ISSN: 2455-037X	National
Smt. Sumana Bera			
Sumana Bera	"Pratyaksagata Abhigyota O tar Pratyarahita Bishyabastu: ekti Bishleshanatmak Alochana"	*Philosophy and the Life-world*, Vol.18, 2015-2016, pp. 92-99, ISSN: 0975-8461	

ii) Books Published:

Name of the faculty with co-authors (sequentially)	Book	Name of the Publisher	Year	National/ International
(Name of the faculty)				

c) Research Projects

(i) Research Projects Initiated during the year

SL. No.	Name of the Faculty	Name of the Project	Inception	Funding Agency	Amount Sanctioned.
1.	Dr. Tapan Kumar De	Vivekananda on the Convergence of Science and Vedanta	June 2015	UGC	58,000/-
2.	Dr. Shewli Dutta	Coloniality and Post-Coloniality: Adivasi Society and Culture in Transition	June 2015	UGC	2,65,000/-

(ii) Research Projects completed during the year

SL. No.	Name of the Faculty	Name of the Project	Funding Agency	Amount Sanctioned.
1.				

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d) Consultancy Extended

SL. No.	Name of the Faculty	Consultancy Extended to	Area of Consultancy	Duration	Amount
1.					

e) MOU/Collaboration

SL. No.	Name of the Faculty/Department	Name of the Organization/ Institute with which MOU/ Collaboration is signed	Duration	Subject
1.				

f) Patents Generated

Name of the Faculty	Topic	Patent Registration No.

g) Faculty Members visited outside Organization like UGC, CSIR, DST, ICSSR, UPSC as experts/ Visiting Fellow

SL. No.	Name of the Faculty	Period of visit	Purpose	Name of the organization

h) Faculty Members attended Refresher/Orientation courses

SL. No.	Name of the Faculty	Topic of the Refresher/ orientation course	Duration	Organized by	Sponsored by
	Dr. Shewli Dutta	Orientation Course	28days	Jadavpur University	UGC-HRDC

06. Foreign students in the Department (if any)

Name of the student	Home Country	Year / Semester	Year Admitted

07. Research Scholars in the Dept.

a) Research Scholars awarded Ph.D. during the year 2015-16

SL. No.	**Name of the Scholar**	**Name of the Supervisor**	**Title of the Thesis**
1	Aloke Bhunia	Dr. Papia Gupta	"Nyāyamote Anumiti Samikshā"
2	Sukanta Das	Prof. B.C.Das	A Critical Study on The Yoga

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			Theory of Kaibalya
3	Kakali Ghosh	Prof. B.C.Das	A Critical Study of Astanga –Yoga : Theory and Practice

b) Research Scholars Registered During the Year (2015-16)

SL. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1	Amit Kumar Batabyal	Prof. B.C.Das	A Comparative Study on the Concept of Liberation in Advaita Vedanta and Swami Vivekananda
2	Rajkumar Pandit	Dr. Papia Gupta	"The Relevance of Buddhist Environmental Ethics in Modern World"
3	Shampa Roy	Prof. P. Misra and Dr. P.Gupta	"Śankara's Contribution to the Philosophy of Mokşa(Liberation)"
4	Suparna Nandi	Dr. T. K. De	Targeted Killing

08.a) Seminars/ Symposia/ Workshop/Special Lectures organized in the Department during the year.

SL. No.	Name of the Seminar/ Symposium/ Workshop/Special Lectures	Duration	Funding Agency
1.	International Seminar on "Philosophy of Mind" Eastern and Western Perspectives"	One day	UGC-Unassigned Grant
2.	State-level Seminar on "Man and Envirionment"	One day	ICPR
3.	State-level Seminar on "The Philosophy of Thiruvallubhar"	One day	Vidyasagar University

b) Visiting Fellow: Name, Designation and Tenure of the Work

09. New Academic Programs Initiated (if any): Intrduction of M.Phil Course

10. Whether there is any change in the Curriculum during the year: Revision of Syllabus with CBCS

11. Whether any Examination Reform has been implemented during the year; if any please give the details.

12. Honours and Awards to the Faculty Members during the year. Shewli Dutta awarded Ph.D. degree in September, 2015.

13. Whether the Dept. has received SAP, COSIST, ASSIST, DST-FIST etc. during the period. If yes please give the details.

14. Highlights of the Department:

15. Others (if any).

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DEPARTMENT OF POLITICAL SCIENCE WITH RURAL ADMINISTRATION

01. Name of the Department: Political Science with Rural Administration
02. Name of the Teachers with Designation.

Sl No	Name of the Teacher holding the Post	Present Designation	Area of Specialization
1	Prof. Ambarish Mukherji	Professor & Head	Indian Politics, International Relations, Political Theory
2	Prof. Raj Kumar Kothari	Professor	International Relations
3	Prof. Sibaji Pratim Basu	Professor	Socialist Thought, Indian Political Thought and Movement and Sustainable Rights
4	Mr.Eyasin Khan	Assistant Professor	Social & Political Movements, Human Rights
5	Mr.Suratha Kumar Malik	Assistant Professor	Political theory, Indian Political Thought, Social & Political Movements, Tribal and Dalit Politics and Issues
6	VACANT	Associate Professor	
7	VACANT	Assistant Professor	

03. Examination Results (Final Examination) 2015

Name of the Exam.	No. candidates appeared	No. of candidates obtained First class	No. of candidates obtained Second class
M.A 4th Semester 2015	82	23	57

04. Number of successful candidates appearing in NET, GATE, SET and other remarkable examinations. (2015-16)

NET	GATE	SET	Others
NIL	NIL	03	NIL

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05. Teacher-wise record for the period (April 2015 to March 2016)

i) Participation in the Seminars / Symposia/ Workshops (Name of Co-Authors not required)

Name of the Seminar/Symposia/ Workshop	Duration	Held at	Title of the Paper Presented/ Role	National/ International
Prof. AmbarishMukherji				
"Coalition Politics and its Impact on India's Federal Polity"	14th January 2016	Bajkul College, Midnapore	."Coalition Politics and its Impact on India's Federal Polity"	National
" Participation as a Medium of Empowerment in Community Development"	11th February 2016	Contai P.K. College, Midnapore	" Participation as a Medium of Empowerment in Community Development"	National
"Issues in Contemporary Political Thought: Justice, Ecology and Identity"	16-17 March 2016	Department of Political Science, Vidyasagar University	"Issues in Contemporary Political Thought: Justice, Ecology and Identity"	National
Chaired a Special Lecture delivered by Prof.Ranabir Samaddar	3rd February 2016	Department of Political Science, Vidyasagar University	" JangalMahal: Then and Now"	National
Prof. Raj Kumar Kothari				
Nuclear Energy, Non-Proliferation and Disarmament: Policy Options for the NDA Government	March 29-31, 2016	VPM's Centre for International Studies, Mulund East, Mumbai	"Approaches to the Study of Nuclear Non-Proliferation and Selective Proliferation: Emerging Scenario"	International
Issues in Contemporary Political Thought	March 16-17, 2016	Department of Political Science, Vidyasagar University, Midnapore	"Global Justice: Veracity or Hoax"	National
India's Foreign Policy: The NDA Era and Recent Trends in India-Pakistan Relations	March 11, 2016.	Department of Political Science, Sitananda College,	"India's Foreign Policy: The NDA Era"	National

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		Nandigram, East Medinipur		
Political Thinking in Indian Literature	February 13-14, 2016	Department of Political Science, ChaudharyCharan Singh University, Meerut, Uttar Pradesh in collaboration with the IPSA	"Political Philosophy of Rabindranath Tagore: Contemporary Relevance"	National
Rising India: Domestic and External Opportunities and Challenges	December 4-6, 2015.	Agra (UP)	"Re-Shaping India's Foreign Policy: Challenges and Strategies"	National
Re-inventing Politics in India	25-27 October 2015.	Banaras Hindu University, Varanasi (UP)	"South China Sea Imbroglio: India's Perceptions and Strategies"	National
ASEAN Studies	October 3-4, 2015.	PridiBanomyong International College, Thammasat University held at Bangkok, Thailand	"ASEAN and the South China Sea Dispute: India's Stand"	International
India's Foreign Policy in the 21st Century	September 11, 2015.	HMM College, Dakshineswar, Kolkata	"Structural Transformations in India's World View: Evolving Strategic Scenario"	National
Prof. Sibaji Pratim Basu				
"Gender, Women and Society: Debates and Developments",	6 January 2016	Women's Study Centre, VU	"Gender and Feminism".	
Panel Discussion on "Gender and Society"	18 January 2016	Women's Study Centre, VU.	"Gender and Society"	
"The Indian State and	14 January	BajkulMilan	"The Indian	State

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Its Fragments: The Making and Unmaking of an Un-Federal Federation"	2016	iMahavidyalaya	State and Its Fragments: The Making and Unmaking of an Un-Federal Federation"	
"Politics of Inclusion and Response"	8 February 2016	RabindraBharati University	"Politics of Inclusion: A Self-ish Appropriation of the "Other"	State
"Popular Movements in Bengal and Bihar"	28 February 2016	Mahanirban Calcutta Research Group (CRG), Kolkata and Rosa Luxemburg Stiftung (RLS).	"Food Movement in West Bengal"	International
"Popular Movements in Bengal and Bihar"	28 February 2016	Mahanirban Calcutta Research Group (CRG), Kolkata and Rosa Luxemburg Stiftung (RLS).	a) "The Evolution and Progress of Marxian Cultural Debates" b) " The Creative Accent on the Naxalite Uprising – Drama, Film, Prose and Poetry"	International
"Issues in Contemporary Political Thought: Justice, Ecology and Identity"	16 & 17 March 2016	Department of Political Science with Rural Administration, VU	"Identity Politics"	National
UGC Sponsored Special Lecture Programme, at Garbeta College	22 March, 2016	Garbeta College	"Politics of Social Exclusion"	National
ICSSR-ERC Sponsored Seminar on "Political Economy of Development: Introspection and Future Vision"	29 March 2016.	Department of Political Science, SKBU	"Development in the context of Peoples' Movement"	State

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Mr. Eyasin Khan				
Issues in Contemporary Political Thought	March 16-17, 2016		Joint Convener	National
Human Rights in India: Current Issues and Challenges	March 29-30, 2016	Annamalai University, Tamilnadu	Human Rights in India: Current Issues and Challenges	International
Participation as a medium of Empowerment in Community Development	February 11-12, 2016	Contai P K College.	Participation as a medium of Empowerment in Community Development	National
Theatre and Politics	September 14, 2015	Bankura Christian College.	Theatre and Politics	State
Suratha Kumar malik				
The NSS Special Camp	8th February,2016	NSS Unit-1, Hijli College, Vidyasagar University, West Bengal	Invited and acted as Chief Speaker	National
UGC Sponsored Two Day National seminar	28th -29th , March, 2016	Dept. of Sanskrit, Vidyasagar University, Midnapore, West Bengal	Presented a paper on "Science in Sanskrit Literature: a study of Vedic Scientific Knowledge"	National
UGC Sponsored National seminar	16th -17th , March, 2016	Dept. of Political Science, Vidyasagar University, Midnapore, West Bengal	Presented a paper on the theme "Issues in Contemporary Political Thought: Justice, Ecology and Identity	National

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b) Research Papers/ Books/ Articles/ Others published (2015-16)

i) Research Papers/ Articles/ Chapters in published Books:

Name of the faculty with co-authors (sequentially)	Title of the Research Paper	Name of the Journal, Vol. No., Year & pp. (ISSN/ISBN)	National/ International, Impact Factor/ Citation Index
Prof. Ambarish Mukherji			
Prof. Ambarish Mukherji	"Water Security in India: Issues and Challenges"	The West Bengal Political Science Review, Vol. XVIII, No. 182, 2015-16	
Prof. Ambarish Mukherji Mr.Eyasin Khan (Ed.)	"শহরেরওপরশহরবাসীরঅধিকারঃকিছুপ্রাথমিকভাবনারখসড়া"	মানবঅধিকারঃনানাদিক, জুলাই২০১৫, কলকাতা।	
Prof. AmbarishMukherji Mr.Eyasin Khan(Ed.)	"শরণার্থীসমস্যাঃমানবঅধিকার- এরপ্রেক্ষিতে"	মানবঅধিকারঃনানাদিক, জুলাই২০১৫, কলকাতা।	
Prof. Raj Kumar Kothari			
Prof. Raj Kumar Kothari Mr.Eyasin Khan (Ed.)	"Biswayan-erJugeManabAdhikar"	ManabAdhikar: Nana Dik (Kolkata: Progressive Publishers, 2015), pp. 275-280.	
Prof. Raj Kumar Kothari	"Re-Shaping India's Foreign Policy: Challenges and Strategies"	Rising India: Domestic and External Opportunities and Challenges (Agra: UPPSA, 2015), pp. 77-80.	
Prof. Raj Kumar Kothari Kousar J. Azam (ed.)	"Emerging Trends in India-China Relations: Challenges and Prospects"	India in World Affairs: The Next Decade (New Delhi: Manohar Publishers, 2016), pp. 133-149.	
Mr.Eyasin Khan			
Mr.Eyasin Khan	"Political Theatre and Human Rights: An Introduction "	Samaj O Rajniti (2016) ISSN 2321-9947	
Mr.Eyasin Khan (Ed.)	"Tribal Identity and Human Rights in India"	*Aspects of Tribal Culture* ISBN: 978-93-82270-10-2.	
Mr.Eyasin Khan (Ed.)	"Bhutanese Refugee in Nepal: A Human Rights Perspective"	*The West Bengal Political Science Review*, Vol VIII, Kolkata, ISSN: 2230-8296.	
Mr.Eyasin Khan (Ed.)	"Democratization of Bhutan: An Overview"	*Dalit-Adibasi-Sankhyalaghu: Abadaman O Uttaran*(2016), LakiPubliations, Kolkata, ISBN: 978-81-922614-6-1.	
Mr.Eyasin Khan (Ed.)	"Dalit Identity and	*Human Rights in India:*	

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	Politics of Exclusion in India: A Human Rights Perspective"	*Issues and Challenges (2016),* Kongunadu Publications India Pvt. Ltd.; Tamilnadu, ISBN: 978-93-85517-17-4.	
Mr.Eyasin Khan (Ed.)	"Dominant Approach To Gender in International Human Rights Law-The Equality Approach including the Prohibition of Discrimination"	*Human Rights International Research Journal (2016),* IMRF, New Delhi, ISSN: 2320-6942	
Mr.Eyasin Khan (Ed.)	"Sankhyalaghubad: EktiSankhipta Path"	*Dalit-Adibasi-Sankhyalaghu: Abadaman O Uttaran (2016),* LakiPubliations, Kolkata, ISBN: 978-81-922614-6-1.	
Mr.Eyasin Khan (Ed.)	"BiplabiDebray: AjkerPrasongikata"	*Latin America O Cuba: BiplabiSangramer Dhara* (2016)Mitram Kolkata, ISBN: 978-93-80036-72-4.	
Mr.Eyasin Khan (Ed.)	"MahuarDesh: Anuvabe "	*KabitarAntarloke*(2016) Books Space, Kolkata; ISBN: 978-93-82251-23-1.	
Mr.Eyasin Khan (Ed.)	"Ambedkar s Notion of Human Rights"	*B.R.Ambedkar:An Enlightened Iconoclast*(2015) New Academic Publishers, New Delhi, ISBN: 978-81-86772-86-7.	
Mr.Eyasin Khan (Ed.)	"Domestic Violence Against Women: A Human Rights Perspective"	*Sangbartika*(2015), Vol. 4, No.2, Issue 8; ISSN: 2319-9393.	
Mr.Eyasin Khan (Ed.)	"Maoist Movement in Nepal: Implications for India"	*Athena*(2015), ISSN No: 2454-1605, Vol. 1, No.1, July 2015.	
Mr.Eyasin Khan (Ed.)	"Refugees and Human Rights: Critical Relations"	*Nabyasrote*(2015) Volume8,No. 12, Issue 11, ISSN:.2249-8133	
Mr.Eyasin Khan (Ed.)	"India's Role and Interest in South Asia: An Evaluation"	*India in Globalized Era* (2015) New Academic Publishers, New Delhi, ISBN: 978-81-86772-83-6.	
Mr.Eyasin Khan (Ed.)	"Paribesh O ManabAdhikar"	*Prakiti*(2015) ISBN: 978-93-85248-03-0	
Suratha Kumar malik			
P. Prayer Elmo Raj (Ed.)"Religion,	Revisiting Indian Secularism:	Authors Press, HauzKhas, New Delhi	National

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Politics and Secularism in India"Suratha Kumar malik	Retrospection of the Political Response	ISBN-978-93-5207-301-6	

ii) Books Published:

Name of the faculty with co-authors (sequentially)	Book	Name of the Publisher	Year	National/ International
Mr.Eyasin Khan (Ed.)	মানবঅধিকারঃ নানাদিক	Progressive Publishers	২০১৫	National

c) Research Projects

(i) Research Projects Initiated during the year

SL. No.	Name of the Faculty	Name of the Project	Inception	Funding Agency	Amount Sanctioned
1.	Prof. Raj Kumar Kothari	Post-Soviet Dynamics in Central Asia: India's Perceptions and Policies	Sept 2015	UGC	10,29,600
2.	Sri Suratha Kumar Malik	Land Alienation and the Poetics of tribal Exploitatation: a Study of the Tribal Uprising in the Koraput District of Odisha (2009-13)	Sept 2015	UGC	8.50 Lakhs

(ii) Research Projects completed during the year

SL. No.	Name of the Faculty	Name of the Project	Funding Agency	Amount Sanctioned.
1.				

d) Consultancy Extended

SL. No.	Name of the Faculty	Consultancy Extended to	Area of Consultancy	Duration	Amount
1.					

e) MOU/Collaboration

SL. No.	Name of the Faculty/Department	Name of the Organization/ Institute with which MOU/ Collaboration is signed	Duration	Subject
1.				

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f) Patents Generated

Name of the Faculty	Topic	Patent Registration No.

g) Faculty Members visited outside Organization like UGC, CSIR, DST, ICSSR, UPSC as experts/ Visiting Fellow

SL. No.	Name of the Faculty	Period of visit	Purpose	Name of the organization

h) Faculty Members attended Refresher/Orientation courses

SL. No.	Name of the Faculty	Topic of the Refresher/ orientation course	Duration	Organized by	Sponsored by
01	Eyasin Khan	O.P	4 Weeks	HRDC, Jadavpur University	UGC

06. Foreign students in the Department (if any)

Name of the student	Home Country	Year / Semester	YearAdmitted

07. Research Scholars in the Dept.
a) Research Scholars awarded Ph.D. during the year 2015-16

SL. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1			

b) Research Scholars Registered During the Year (2015-16)

SL. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1			

08. a) Seminars/ Symposia/ Workshop/Special Lectures organized in the Department during the year.

SL. No.	Name of the Seminar/ Symposium/ Workshop/Special Lectures	Duration	Funding Agency
1.	UGC Sponsored National Seminar	2 Days	UGC

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2.	Special Lecture by Prof. Ranabir Samaddar on "Jangal Mahal : Then and Now" on February 3, 2016	1 Day	V.U.

b) Visiting Fellow: Name, Designation and Tenure of the Work NIL

09. New Academic Programs Initiated (if any) NIL

10. Whether there is any change in the Curriculum during the year. NIL

11. Whether any Examination Reform has been implemented during the year; if any please give the details. NIL

12. Honours and Awards to the Faculty Members during the year. NIL

13. Whether the Dept. has received SAP, COSIST, ASSIST, DST-FIST etc. during the period. If yes please give the details. NIL

14. Highlights of the Department. NIL

15. Others (if any). NIL

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DEPARTMENT OF SANTALI

01. Name of the Department: Santali
02. Name of the Teachers with Designation

	Name of the Teacher holding the Post	Present Designation	Area of Specialization
1	Sri Shyamcharan Hembrom	Assistant Professor	Folk Literature , Mythology, Linguistic
2.	Dr. Ratan Hembram	Asst. Prof.	Folklore , Linguistics-
3.	Smt. Dulee Hembrom	Asst. Prof.& Head	Folk Literature & Culture
4.	Sri Khudiram Murmu	Asst. Prof.	Folk Literature &Drama
5.	Sri Kalicharan Hansda	Asst. Prof.	Folk Literature & Theory

03. Examination Results (Final Examination), 2015

Name of the Exam.	No. candidates appeared	No. of candidates obtained First class	No. of candidates obtained Second class
Semester IV	35	09	25

Note.: One Student is 4th Sem. Examination 2015 result was pending due to back of his One Paper, 2nd Sem. Exam. Paper – SNT -202.

04. Number of successful candidates appearing in NET, GATE, SET and other remarkable examinations. (2015-16)

NET	GATE	SET	Others
June,2015-JRF-01, NET-01 Dec., 2015-JRF-04, NET-01 **JRF-05, NET-02,Total=07**	---	---	---

05. Teacher-wise record for the period (April 2015 to March 2016)
a) Participation in the Seminars / Symposia/ Workshops (Names of co-authors not required)

Name of the Seminar/Symposia/ Workshop	**Duration**	**Held at/ Organised by**	**Title of the Paper Presented**	**National/ International**
Sri S.C. Hembrom				
2nd Tribal Development Programme in West Bengal under the Special Component	15th-19th December, 2015	National Book Trust, India in Collaboration with the University of	Status of Santali as it Stands Now	National

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Plan (SC &TASP)		Burdwan		
2.Workshop on Santali Dictionary	4.03.16-6.03.16	Paschimbanga Santali Akademi Kolkata-98	Workshop on Santali Dictionary	State
Dr. Ratan Hembram				
Hindi -Santali Dictionary Preparation	11-08-15 to 14-08-15	NCERT- New Delhi -16	Hindi -Santali Dictionary Preparation	National – w
Hindi -Santali Dictionary Preparation	18-01-16 to 22-01-16	,,	,, ,,	,,
Hindi -Santali Dictionary Preparation	01-03-16 to 04-03-16	,,	,, ,,	,,

b**) Research Papers/ Books/ Articles/ Others published (2015-16)**

i) Research Papers/ Articles/ Chapters in Published Books:

Name of the faculty with co-authors (sequentially)	**Title of the Research Paper**	**Name of the Journal, Vol. NO., Year & pp. (ISSN/ISBN)**	**National/ International, Impact Factor/ Citation Index**
Shyamcharan Hembrom			
Shyamcharan Hembrom	"Contribution of Mother Tongue & Literature in the Present Changing Santal Society." in Santali.	UNMES, Vol-I, 2nd Year, October 2015 Page No.- 70-75 ISSN 2455-037X	

ii) Books Published:

	Name of the faculty with co-authors (sequentially)	**Book**	**Name of the Publisher**	**Year**	**National/ International**
1.					

c) Research Projects

(i) Research Projects Initiated during the year

SL. No.	**Name of the Faculty**	**Name of the Project**	**Inception**	**Funding Agency**	**Amount Sanctioned.**
1. 2.	Dr. Ratan Hembram Smt. Dulee	Audio-Visual Documentation, Translation and Analysis of the Santali Folk Narratives &	Director Co-director	ICSSR-N.Delhi	33,5000.00

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	Hembrom	Performances in Select Districts of West Bengal, Jharkhand and Odisha.			

(ii) Research Projects completed during the year- nil

SL. No.	Name of the Faculty	Name of the Project	Funding Agency	Amount Sanctioned.

d) Consultancy Extended- nil

SL. No.	Name of the Faculty	Consultancy Extended to	Area of Consultancy	Duration	Amount Sanctioned

e) MOU /Collaboration

SL. No.	Name of the Faculty/Department	Name of the Organisation/ Institute with which MOU / Collaboration is signed	Duration	Subject

f) Patents Generated

Name of the Faculty	Topic	Patent Registration No.

g) Faculty Members visited outside Organisation like UGC, CSIR, DST, ICSSR, UPSC as experts/ Visiting Fellow

SL. No.	Name of the Faculty	Period of visit	Purpose	Name of the organisation
1.	Shyam Charan Hembrom	25.10.2015-27.10.15	Confidential	UPSC, NEW DELHI

h) Faculty Members attended Refresher /Orientation courses.

SL. No.	Name of the Faculty	Topic of the Refresher/ orientation course	Duration	Organised by	Sponsored by
1.	Shyam Charan Hembrom	Environmental Studies and Disaster Management	04.08.2015-24.08.2015	UGC-HRDC Ranchi University, Ranchi	UGC, HRDC NEW DELHI

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06. Foreign students in the Department (if any)

Name of the student	Home country	Year / Semester	Year Admitted

07. Research Scholars in the Department
a) Research Scholars awarded Ph.D. during the year 2014-15

SL. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis

b) Research Scholars Registered During the Year (2015-16)

SL. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1.	Shyam Murmu	Dr. Ratan Hembram	Majhi Ramdas Tudu Ra.ska.: JiyanEnem
2.	Guru Charan Murmu	,, ,,	Santar Lakchar Chitar : MitPaparhaw

08. a) Seminars/ Symposia/ Workshop /Special Lectures organized in the Dept. during the year.

SL. No.	**Name of the Seminar/ Symposium / Workshop /Special Lectures**	**Duration**	**Funding Agency**
1.	"Importance of Santali Magazine in Present Scenario"	Two Day— 18-19/03/16	U.G.C.-Sponsored unassigned-V.U.

08.b) Visiting Fellow: Name, Designation and Tenure of the Work -- Nil

09. New Academic Programmes Initiated (if any): M.Phil in Santali Programme

10. Whether there is any change in the Curriculum during the year; Yes –P.G. & U.G. & M.Phil.

11. Whether any Examination Reform has been implemented during the year ; if any please give the details. – Nil

12. Honours and Awards to the Faculty Members during the year. -- Nil

13. Whether the Dept. has received SAP, COSIST, ASSIST, DST--- FIST etc. during the period. If yes please give the details. -- X Nil

14. Highlights of the Department: Continuous qualifying U.G.C.- NET / JRF & SET Examination

15. Others (if any) - Vision for Language Laboratory establishment.

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DEPARTMENT OF SANSKRIT

01. Name of the Department: Sanskrit

02. Name of the Teachers with Designation.

Sl No	Name of the Teacher holding the Post	Present Designation	Area of Specialization
1	Sri Swarup Singha	Assistant Professor and HOD	Vyakarana
2.	Dr. Uttam Biswas	Assistant Professor	Pracina Nyaya
3.	Dr. Ajay Kumar Mishra	Assistant Professor (on contract)	Veda
4.	Sm. Sweta Basak	Assistant Professor (on contract)	Samkhya-Yogadarsana
5.	Dr. Tripti Saha	Assistant Professor (on contract)	Veda

03. Examination Results (Final Examination) 2015

Name of the Exam.	No. candidates appeared	No. of candidates obtained First class	No. of candidates obtained Second class
Semester IV	91	52	32

04. Number of successful candidates appearing in NET, GATE, SET and other remarkable examinations. (2015-16)

NET	GATE	SET	Others
15	N.A	05	12

05. Teacher-wise record for the period (April 2015 to March 2016)

a) **Participation in the Seminars / Symposia/ Workshops** (Names of co-authors not required)

Name of the Seminar/Symposia/ Workshop	Duration	Held at	Title of the Paper Presented	National/ International
Sri Swarup Singha				
Invited Lecture	13th April, 2015	Dept. of Sanskrit, Tamralipta Mahavidy-alaya	"Mahabhasye Paspasahnikam"	State Level
Invited Lecture	20th April, 2015	Dept. of Sanskrit, Tamralipta Mahavidyalaya	"Siddhantakoumud yah Samjnaprakaranam"	State Level

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College Level Seminar	10th February, 2016	Dept. of Sanskrit, Debra Thana Sahid Kishudiram Smriti Mahavidyalaya	"Vyakaranasastre Samastattvanusilanam"	State Level
Workshop on Application and Deployment of E – Learning Platform in University	09th – 10th March, 2016	Computer Centre, V.U.	--	National
Samskrtavanmaye Vijnanam Praynktisca	29th – 30th March, 2016	Dept. of Sanskrit, V.U.	--	National
Dr Uttam Biswas				
National Integration Camp	21st -27th September,2015	L D College of Engineering, Ahmedabad,GTU, State NSS Cell,Gujarat	--	National
Workshop on "Teaching with Technology"	10st – 16th October, 2015	Computer Centre, V.U.	--	National
Samskrtavanmaye Vijnanam Praynktisca	29th – 30th March, 2016	Dept. of Sanskrit, V.U.	--	National
Dr. Ajay Kumar Mishra				
Dalit Consciousness in 19th century Auto biological Literature and its Relevance in Post colonial India	8th -9th October, 2015	Sera, Kharagpur	"Vedon Men Dalit Nari Vimarsh"	National
Post Modernism and Contemporary Sanskrit Literature	8th -9th November, 2015	Dept. of Sanskrit, North Orissa University	"Manojangame Kavy Sangrah Men Varanit Samajik Chetana "	National
Samskrtavanmaye Vijnanam Praynktisca	29th – 30th March, 2016	Dept. of Sanskrit, V.U.	--	National
Sweta Basak				
Workshop on "Teaching with Technology"	10th – 16th October, 2015	Computer Centre, V.U.	--	National
Samskrtavanmaye Vijnanam Praynktisca	29th – 30th March,	Dept. of Sanskrit, V.U.	"Sanskritavanmaye Ganitavidya"	National

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	2016			
Dr. Tripti Saha				
Workshop on "Teaching with Technology" Samskrtavanmaye Vijnanam Praynktisca	01st – 09th October, 2015 29th – 30th March, 2016	Computer Centre, V.U. Dept. of Sanskrit, V.U.	-- "Science as found in Vedic Fire Altar "	National National

b) Research Papers/ Books/ Articles/ Others published (2015-16)i) Research Papers/ Articles/ Chapters in Published Books:

Name of the faculty with co-authors (sequentially)	Title of the Research Paper	Name of the Journal, Vol. NO., Year & pp. (ISSN/ISBN)	National/International, Impact Factor/ Citation Index
Dr. Uttam Biswas			
	Na tu gautamasya, kevalamakspadasyiva nyayasutrakartrttve manam	'Anviksa', Vol No.- XXXVII, ISSN No-0587-1646. PP-210-214	National
Dr. Tripti Saha			
	"The Aitareya Aranyaka- an overall view"	'Anviksa', Vol No.- XXXVII, ISSN No-0587-1646. PP- 438-442	National

ii) Books Published:

SL.No.	Name of the faculty with co-authors (sequentially)	Book	Name of the Publisher	Year	National/International
1.	Nil	Nil	Nil	Nil	Nil

c) Research Projects
i) Research Projects Initiated during the year

SL. No.	Name of the Faculty	Name of the Project	Inception	FundingAgency	Amount Sanctioned
1.	Dr. Ajay Kr. Mishra	Innovative Research Project on "Prithivi Sukta Men Lok Dristi"	2015	UGC	40000/-

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(ii) Research Projects completed during the year

SL.No.	Name of the Faculty	Name of the Project	Funding Agency	Amount Sanctioned.
1.	Nil	Nil	Nil	Nil

d) Consultancy Extended

SL. No.	Name of the Faculty	Consultancy Extended to	Area of Consultancy	Duration	Amount Sanctioned
1.	Nil	Nil	Nil	Nil	Nil

e) MOU /Collaboration

SL. No.	Name of the Faculty/Department	Name of the Organization/Institute with which MOU / Collaboration is signed	Duration	Subject
1.	Nil	Nil	Nil	Nil

f) Patents Generated

Name of the Faculty	Topic	Patent Registration No.
Nil	Nil	Nil

g) Faculty Members visited outside Organization like UGC, CSIR, DST, ICSSR, UPSC as experts/ Visiting Fellow

SL. No.	Name of the Faculty	Period of visit	Purpose	Name of the organization
1.	Nil	Nil	Nil	Nil

h) Faculty Members attended Refresher /Orientation courses.

SL. No.	Name of the Faculty	Topic of the Refresher/ orientation course	Duration	Organized by	Sponsored by
1.	Nil	Nil	Nil	Nil	Nil

06. Foreign students in the Department (if any)

Name of the student	Home country	Year / Semester	Year Admitted
Nil	Nil	Nil	Nil

07. Research Scholars in the Department) Research Scholars awarded Ph.D. during the year 2015-16

SL. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1.	Nil	Nil	Nil

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b) Research Scholars Registered During the Year (2015-16)

SL.No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1.	Nil	Nil	Nil

08.a) Seminars/ Symposia/ Workshop /Special Lectures organized in the Dept. during the year.

SL. No.	Name of the Seminar/ Symposium/ Workshop/Special Lectures	Duration	FundingAgency
1.	Two-day National Seminar on Samskrtavanmaye Vijnanam Praynktisca	29 – 30 March, 2016	UGC

08.b) Visiting Fellow: Name, Designation and Tenure of the Work : Nil

09. New Academic Programs Initiated (if any) : Nil

10. Whether there is any change in the Curriculum during the year : No

11. Whether any Examination Reform has been implemented during the year ; if any please give the details : Nil

12. Honours and Awards to the Faculty Members during the year : Nil

13. Whether the Dept. has received SAP, COSIST, ASSIST, DST-FIST etc. during the period. If yes please give the details : No

14. Highlights of the Department.

15. Others (if any).

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DEPARTMENT OF SOCIOLOGY

01. Name of the Department: Sociology

02. Name of the Teachers with Designation.

Sl No	Name of the Teacher holding the Post	Present Designation	Area of Specialization
1	Prof. Syed Abdul Hafiz Moinuddin	Professor	Gender Studies, Sociology of Minority, Sociology of Organization, Labour and Industry
2	Dr. Asmita Bhattacharyya	Assistant Professor	Sociology of Gender & Politics, Sociology of Environment & Demography, Critical Theory & Advanced Sociological Theories
3	Ms. Pujasree Chatterjee	Assistant Professor	Industrial Sociology, Urban Sociology, Sociology of Organizations, Sociology of Professions, Research Methodology and Social Statistics

03. Examination Results (Final Examination) 2015

Name of the Exam.	No. candidates appeared	No. of candidates obtained First class	No. of candidates obtained Second class
Semester IV	54	16	37

04. Number of successful candidates appearing in NET, GATE, SET and other remarkable examinations. (2015-16)

NET	GATE	SET	Others
1	N.A.	NIL	NIL

05. Teacher-wise record for the period (April 2015 to March 2016)
i) Participation in the Seminars / Symposia/ Workshops (Name of Co-Authors not required)

Name of the Seminar/Symposia/ Workshop	**Duration**	**Held at**	**Title of the Paper Presented**	**National/ International**
Prof. S.A.H. Moinuddin				
All India Sociological Conference	27th – 29th December, 2015.	Kalinga Institute of Social Sciences (KISS), KIIT University	Religions syncretism, conversion and practices among Muslims: A case	National

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			study of Hussain Dighi of Uttar Dinajpur District of West Bengal.	
UGC and CTRPFP (CSSSC)sponsored Two Day International Seminar on Contemporary Issues of Economic Development with special reference to Public Finance and Policy	17-18th February 2015	Department of Economics with Rural Development, Vidyasagar University, Midnapore and Centre for Training and Research in Public Finace and Policy, CSSC, Kolkata.	Presented a paper (corresponding author) on Nexus between Women Empowerment through women employment and Economic Growth in India: 1990-91 to 2011-12	International
Resource person in the State Level Seminar on "Mass Media and Youth (A Contemporary Issue of Indian Society)"	2016	Hijli College, Kharagpur	Mass Media and youth	State
Resource Person in the Winter School Programme of Women's Studies Center, Vidyasagar University	7th January, 2016	Vidyasagar University	Gender, Women and Society: Debates and Developments	-
Resource person in the National Seminar on Social Exclusion and Intolerance in India: Challenges and Possibilities	30th – 31st of March, 2016	West Bengal State University	Social Seclusion of Muslim Women in India	National
Resource person in the Workshop on Research Methodology	28th July 2015	Dept. of Commerce with Farm Management, Vidyasagar University	On Research Methodology	-
Second International Conference on Contemporary Debates in Public Policy and Management	15-17 January, 2016	Indian Institute of Management, Calcutta (IIMC)& organised by IIMC	Interrogating Gender Inclusivity in Information technology sector	International
Workshop on "Enhancing well-being of the elderly	8th August, 2015	IIT-KGP	Expert Participant	National

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in Indian neighborhoods"				
Pujasree Chatterjee				
UGC sponsored two day national level seminar on "Women's Education in India: Past Predicaments and Future Possibilities"	23rd-24thSeptember, 2015	Vidyasagar College, Kolkata	Analysing the situation of women in higher education in rural setting of West Midnapore district of West Bengal	National
Centenary Conference on Psychology - An International Event	9th-11th October, 2015	Dept. of Psychology and Dept. of Applied Psychology, University of Calcutta, Salt Lake, Kolkata.	A study on stress among faculties of Higher Educational Institutions	International
National Seminar on "Health Care, Women Empowerment and Rural Development in India".	20th – 21st Nov, 2015	A.K.Dasgupta Centre for Planning and Development, Department of Economics & Politics, Visva-Bharati, Santiniketan.	Women empowerment through Engineering Education: Opportunities and challenges	National
41st All India Sociological Conference on Development, Marginalization and Peoples Movement.	27th – 29th Dec, 2015	Kalinga Insitute of Social Sciences (KISS), KIIT University, Bhubaneswar, Odisha.	Teaching faculties in Higher education in India: Current scenario and constraints	National
International Conference on Social Issues and Social Work: Public and Private	29th Jan, 2016	Indian Institute of Social Welfare and Business Management, Kolkata	Challenges of Higher Education in the Rural Setting of West Bengal	International

b) Research Papers/ Books/ Articles/ Others published (2015-16)

i) Research Papers/ Articles/ Chapters in published Books:

Name of the faculty with co-authors (sequentially)	Title of the Research Paper	Name of the Journal, Vol. No., Year & pp. (ISSN/ISBN)	National/ International, Impact Factor/ Citation Index
Prof. S.A.H. Moinuddin			
Prof. S.A.H. Moinuddin and	Endangered Situation of Buddhist Culture: A case	Development for the communities and Country	National

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Hasibul Rahaman	study of Kechopalri Lake of West Sikkim.	Role of Anthropology, Edited by Suman Kalyan Samanta. Pragatishil Prakashak Kolkata, Nov. 2015. ISBN: 978-81-89846-64-0	
Prof. S.A.H. Moinuddin	Islame Manabadhikar: Sadharonbodh Bonam Rajniti (In Bengali)	Manab Adhikar Nana Dik (In Bengali), Ed. Eyasin Khan, ISBN: 978-81-8064-205-0 pp: 685-693	National
Prof. S.A.H. Moinuddin	Life-Cycle Rituals of the Totos: A Small Tribe in the Sub-Himalayan WestBengal	South Asian Anthropologist, March Vol.15 (1)pp 19-24, ISSN No: 0257-7348	National
Prof. S.A.H. Moinuddin	Modeling & Measuring Women empowerment & its major determinants through the participation in flower vending business with special reference to Kolaghat flower market, West Bengal: A Logistic Regression Analysis	Intercontinental Journal of Human Resource Management, ISSN:2350-0859 - Online, ISSN: 2350-0840 - Print, Impact factor:0.414, 2(9):26-38	International
Dr. Asmita Bhattacharyya			
Dr. Asmita Bhattacharyya	A chapter is communicated and shortly to be published for an edited volume	-	National
Ms. Pujasree Chatterjee			
Pujasree Chatterjee	A Sociological Exploration of Elderly People in the rural setting of West Bengal	International Journal of Research in Economics and Social Sciences, 5(6), 2015:79-88 ISSN: 2249-7382	International
Pujasree Chatterjee	Women empowerment through Engineering Education: Opportunities and challenges	IOSR Journal Of Humanities And Social Science (IOSR-JHSS), 21(2), Ver. VII (Feb. 2016) PP 98-102 e-ISSN: 2279-0837, p-ISSN: 2279-0845.	International
Pujasree Chatterjee	Women and Higher Education: An Overview from West Midnapore District of West Bengal	Seminar Proceedings entitled "Womens Education in India Past Predicaments and Future Possibilities": 246-259; ISBN:978-93-80736-10-5	National

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ii) Books Published:

Name of the faculty with co-authors (sequentially)	Book	Name of the Publisher	Year	National/ International
(Name of the faculty)				

c) Research Projects
(i) Research Projects Initiated during the year

SL. No.	Name of the Faculty	Name of the Project	Inception	Funding Agency	Amount Sanctioned
1.	Dr. Asmita Bhattacharyya	Prospects of Growth of IT/ITes in an Urban periphery: A Sociological study	2014	UGC	62,000

(ii) Research Projects completed during the year

SL. No.	Name of the Faculty	Name of the Project	Funding Agency	Amount Sanctioned.
1.				

d) Consultancy Extended

SL. No.	Name of the Faculty	Consultancy Extended to	Area of Consultancy	Duration	Amount
1.					

e) MOU/Collaboration

SL. No.	Name of the Faculty/Department	Name of the Organization/ Institute with which MOU/ Collaboration is signed	Duration	Subject
1.				

f) Patents Generated

Name of the Faculty	Topic	Patent Registration No.

g) Faculty Members visited outside Organization like UGC, CSIR, DST, ICSSR, UPSC as experts/ Visiting Fellow

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SL. No.	Name of the Faculty	Period of visit	Purpose	Name of the organization
1.	Prof. S.A.H. Moinuddin	5th March, 2016	Evaluation of proposals of Minor Research Project and Seminar/Conference/Workshop	UGC

h) Faculty Members attended Refresher/Orientation courses

SL. No.	Name of the Faculty	Topic of the Refresher/ orientation course	Duration	Organized by	Sponsored by

06. Foreign students in the Department (if any)

Name of the student	Home Country	Year / Semester	YearAdmitted

07. Research Scholars in the Dept.
a) Research Scholars awarded Ph.D. during the year 2015-16

SL. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1	Hasibul Rahaman	Prof. S.A.H. Moinuddin	Sacred Lake in Sikkim: A Symbiotic Relationship between man and environment
2.	Md. Intekhab Hossain	Prof. S.A.H. Moinuddin	Socio-Economic Status of OBC Muslims: A Sociological Study from some districts of West Bengal

b) Research Scholars Registered During the Year (2015-16)

SL. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1.	Dibakar Bera	To be decided soon	To be decided soon
2.	Rupanjana Sinha	To be decided soon	To be decided soon

08. a) Seminars/ Symposia/ Workshop/Special Lectures organized in the Department during the year.

SL. No.	Name of the Seminar/ Symposium/ Workshop/Special Lectures	Duration	Funding Agency
1.	UGC-sponsored International Symposium on 'Contemporary Discourses on Qualitative	28th of March, 2016	UGC

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	Methodological Approaches in Social Sciences'		

b) Visiting Fellow: Name, Designation and Tenure of the Work

1. Prof. H.R. Tewari, Retd. Prof, IIT-KGP, 1 week each for 2 Terms.

09. New Academic Programs Initiated (if any)

10. Whether there is any change in the Curriculum during the year.

Initiatives have been taken to frame new pedagogy on CBCS pattern and it will be introduced from PG session 2016-2017.

11. Whether any Examination Reform has been implemented during the year; if any please give the details.

12. Honours and Awards to the Faculty Members during the year.

13. Whether the Dept. has received SAP, COSIST, ASSIST, DST-FIST etc. during the period. If yes please give the details.

14. Highlights of the Department.

- Department of Sociology continued to organize seminar sequentially in the last 3 years. This year an International Symposium has been organized by the department on 'Contemporary Discourses on Qualitative Methodological Approaches in Social Sciences'.
- Outreach programmes extended to adoption of a neighboring village in the periphery of this university through NSS activities carried out by the department.

15. Others (if any):

1. Editorial Responsibilities undertaken by Dr. Asmita Bhattacharyya

A) EDITORIAL RESPONSIBILITIES

- **2015**: Reviewed an article entitled "Indian Women in Information Technology and Implications for Managers" for ***International Journal of Information Management*** (Ref. No.: IJIM-D-15-00171of Elsevior Editorial Board.
- **2016**: Elsevior Editorial Board offered review of paper entitled 'Gender-based Differences in Culture in the Indian IT Workplace' for ***International Journal of Information Management*** (Ref no. IJIM-D-15-00171R1)
- **2016:** Acted as a reviewer, an academic journal ***Aureole***, Barasat Government College, Kolkata with ISSN Number: 0976-9625.

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FACULTY OF SCIENCE

DEPARTMENT OF ANTHROPOLOGY

01. Name of the Department: Anthropology

02. Name of the Teachers with Designation

Sl No	Name of the Teacher holding the Post	Present Designation	Area of Specialization
1	Dr. Falguni Chakraborty	Professor (on reemployment)	Social Cultural Anthropology
2	Dr. Abhijit Guha	Professor	Social Cultural Anthropology
3	Dr. Kaushik Sankar Bose	Professor	Biological Anthropology
4	Dr. Dipak Kumar Midya	Professor	Social Cultural Anthropology
5	Dr. Amit Kumar Kisku	Assistant Professor	Social Cultural Anthropology
6	Dr. Sumahan Bandyopadhyay	Assistant Professor	Social Cultural Anthropology
7	Dr. Sovanjan Sarkar	Assistant Professor	Biological Anthropology
8	Sri Shimul Roy	Assistant Professor	Biological Anthropology

03. Examination Results (Final Examination) 2015

Name of the Exam.	No. candidates appeared	No. of candidates obtained First class	No. of candidates obtained Second class
Semester IV	32	20	11

04. Number of successful candidates appearing in NET, GATE, SET and other remarkable examinations.(2015-16)

NET	GATE	SET	Others
1			

05. Teacher-wise record for the period (April 2015 to March 2016)
i) Participation in the Seminars / Symposia/ Workshops (Name of Co-Authors not required)

Name of the Seminar/Symposia/ Workshop	Duration	Held at	Title of the Paper Presented	National/ International
Professor Abhijit Guha				
The Land Ordinance	One Day	Delhi School	"A multi-sited	National

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2014: Sovereignty, Public Interest and Land Acquisition	(8 April 2015)	of Economics, Delhi University.	ethnographic experience of land acquisition in West Bengal". (Invited lecture)	
Qualitative Research	Five Days (22 July 2015)	Institute of Development Study Kolkata	"Multi-sited Ethnography, Global Ethnography, Narrative Ethnography and Auto ethnography: New Trends in Qualitative Research". (Invited lecture)	National
Special Lecture	One Day (8 August 2015)	Rammohan Library Hall, Kolkata	"On my experiences of doing research on land acquisition in West Bengal". (Invited lecture)	State-level
Monthly Research Colloquium	One Day (22 August 2015	St.Xavier's College, Kolkata	"Contributions of T.C.Das". "Combining Field and Archival Data in Development Anthropology" (Invited lecture)	State-level
Research Methodology Course in Anthropology and Allied Disciplines	Ten Days (10 December 2015)	West Bengal State University.	"Research Methodology in Anthropology" (Invited lecture)	National
Orientation-cum-Training Programme	Ten Days (25 February 2016)	Anthropological Survey of India, Govt. of India.	Dispossession caused by development projects & assessment of Land acquisition Act, 2013. (Invited lecture)	National
UGCsponsored Refresher Course on Disaster Management	21 Days (4 March 2016)	University of Calcutta (Geography Dept.)	Delivered two lectures entitled: (i) Dispossession caused by industrial projects: managing risks and vulnerability. (ii) An Assessment of Land Acquisition, Rehabilitation and Resettlement Act, 2013(invited lectures).	National
Invited lecture	Two Days (21 March 2016)	West Bengal State University (Anthropology	"How the past meets the present or the transition of the Lodhas from 'Criminal Tribe'	National

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		Dept.)	through 'Denoitified' to 'Primitive Tribal Group'" (invited lecture)	
Professor Kaushik Sankar Bose				
Refresher Course Lectures	July, 2015	North Bengal University		National
Special Invited Lectures	16th December, 2015	West Bengal State University.		National
Invited Lecture	21st – 22nd March, 2016	West Bengal State University		National
Professor Dipak Kumar Midya				
Indian Anthropology Congress	21-23 Feb., 2016	Assam University, Diphu Campus	Ethnic Boundary, Minority Identity, and the State Role	National
(Chaired and presented paper)	19 Sept, 2015	Subarnarekha Mahavidyalay, Gopiballavpur	Social Exclusion, Ethnic Groups and Extremist Movement in Junglemahal of West Bengal, India	National
Dr. Amit K. Kisku				
Participation	15th June 2015	University of London	'Anthropology on the Move'	International
Invited paper	21-22 March 2016	West Bengal State University	"Many People Know Many Things": Supernatural Beliefs and Environmental Actions of the Santals of Jungle Mahals.	National
Anthropology of Music	30-31 March 2016	Department of Anthropology, Vidyasagar University	Participated as organiser	State-level
Dr. Sumahan Bandyopadhyay				
Anthropology and Human Welfare 45th Annual Conference of The Indian Anthropological Society	23- 25 May, 2015	Calcutta University	Oriented Positively: Comte, Durkheim and Early Anthropology.	National
An Anthropological Glimpse into the Population Dynamics	3rd October, 2015	Birla Industrial and Technological	Tribes Under Safeguards- Ideal and Reality in West Bengal	National

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of Eastern India		Museum (BITM)		
Anthropology and Museum	11 to 14 January, 2016.	IGRMS, Ministry of Culture, Govt. of India at Bhopal from	Museums in West Bengal	National
Indian Anthropology Congress 2016	21 to 23 February,2016	Department of Anthropology, Assam University, Diphu Campus, Assam.	Caste Certificate and Community: State, Politics and Identity	National
Ethnic Identity and Indigently: The People of Jungle Mahal	19 Novem-ber, 2015.	Subarnarekha Mahavidyalay, Gopiballavpur, PaschimMedinipur	Issues of Indigeneity: A study on 'Satbouni' Cult.	State UGC Sponsored
LokayatSanskritirDikdarshan	11 September, 2015	Folk and Tribal Culture Centre, I. & C.A. Department, Government of West Bengal	New Directions of folk culture studies('LokayatSanskritirDikdarshan')	State (Invited Speaker)
Anthropology of Music	30-31 March, 2016.	Department of Anthropology, Vidyasagar University,	Relation between learning of music and gender of the learners in the MedinipurKotwali P.S. area: A preliminary observation	State
Professor Kalyan Kumar Dasgupta Memorial Lecture, 2015-16	19th March, 2016	Institute of Historical Studies, Kolkata	Mahali basket making – A Tribal craft in social and historical perspectives.	National
Dr. Sovanjan Sarkar				
Anthropology of Music	30-31 March, 2016.	Department of Anthropology, Vidyasagar University	Participated as Organizer	State-level
Sri Shimul Roy				
Anthropology of Music	30-31 March, 2016.	Department of Anthropology, Vidyasagar University	Participated as Organizer	State-level
Indian Anthropology Congress	21-23 Feb., 2016	Assam University,	A Comparative Study of Physical Growth of	National

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		Diphu Campus	Primary School going Muslim Boys and Girls of Barasat Municipality, North 24 Parganas, West Bengal	
Anthropology, Tribal Policies and Tribal development in India.	21-22 March, 2016	Dept. of Anthropology, West Bengal State University	Participated	National

b) Research Papers/ Books/ Articles/ Others published (2015-16)

i) Research Papers/ Articles/ Chapters in published Books:

Name of the faculty with co-authors (sequentially)	Title of the Research Paper	Name of the Journal, Vol. No., Year & pp. (ISSN/ISBN)	National/ International, Impact Factor/ Citation Index
Professor Abhijit Guha			
	Dangers of Indian Reform of the Colonial Land Acquisition Law.	*Global Journal of Human Social Science.ISSN*: Online: 2249-460XVolume XV Issue I Version I *(*2015).	International
	In Search of Marginalization: Muslims in a Paschim Medinipur Village of West Bengal. (First author Dr. S.Panda).	*South Asian Anthropologist.ISSN*: 0257-7348. Vol.15, No.1, pp. 61-70.	International
	Acting Cleverly in the Comfort Zone of Power and Visceral Resistance: A Case of Land Acquisition in West Bengal, India	*Indian Anthropologist* ISSN: 0970-*0927*(2015) 45:1, 15-29	National
	Listening to Waterman of Rajasthan and the Leftists of West Bengal: Narratives of Rainwater Harvesting.	*Journal of the. Indian Anthropological Society.*50:5-14(2015).ISSN 0019-4387	National
	How the Lodhas became criminal or meeting of the past and the present.	The Eastern Anthropologist.69 (1):71-88(2016). ISSN:	National

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		0012-8686.	
Professor Kaushik Sankar Bose			
S. Das, S. Panda and **K. Bose.**	Ethnic-Specific Prevalence of Thinness among Bengalee Youths of Midnapore, West Bengal, India.	*Research Journal of Pharmaceutical, Biological and Chemical Sciences,* 6 (1):1374-1380, 2015. ISSN: 09758585	International
S. Das, S. DattaBanik and **K. Bose.**	Growth and Nutritional Status of 2 to 6 years old Santal and Bauri Children in Relation with Mother's Education.	In: *Health and Tribes in India: Challenges and Opportunities, pp.*235-245. Edited by: K. N. Dash. New Delhi: Sarup Book Publishers Pvt. Ltd, 2015.	National
S. Das and **K. Bose.**	Adult tribal malnutrition in India: an anthropometric and socio-demographic review.	*Anthropological Review,* 78 (1): 47-65, 2015.e-ISSN: 2083-4594	International
H. S. Singh, P. K. Das, S. Das, S. DattaBanik and **K. Bose.**	Sociodemographic profile and nutritional status of Gondtribals from Melnadih village, Chhattisgarh.	*American Journal of Advances in Medical Science*. 3(1): 19-21, 2015.	International
M. Ghosh and **K. Bose.**	Assessment of undernutrition among male Bhumijs of West Bengal, India: A comparison of body mass index and mid-upper arm circumference.	*Human Biology Review,* 4 (2), 140-149, 2015. *ISSN* 2277 - 4424	International
B. Kuiti, S.Das and K. Bose.	Selection intensity and its opportunity among Santal women of Keonjhar, Odisha, India	*International Journal of Advances in Scientific Research*, 1 (04): 203-210, 2015.	International
S. DattaBanik, M. Gritlahre, S. Das and **K. Bose.**	Fluctuating asymmetry of hand and foot dimensions among University girl-students from Bilaspur, India	*Human Biology Review*, 4 (4): 378-386, 2015. *ISSN* 2277 - 4424	International
B. Kuiti and **K. Bose.**	Body Composition Charts among Older Bengalees of PurbaMedinipur, West Bengal, India: Implications for Health.	*International Journal of Preventive and Public Health Sciences*, 1 (4): 2-6, 2015. *ISSN: 2454-9223*	International
N. Mondal, B. Basumatary, J. Kropi and **K. Bose**.	Prevalence of double burden of malnutrition among urban school going Bodo children	*Epidemiology, Biostatistics and Public Health*, 12 (4): DOI:	International

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	aged 5-11 years of Assam, Northeast India.	e11497-1-e11497-10, 2015.	
B. Kuiti and **K. Bose.**	Predicted weight with different body segments and its use in nutritional assessment among older Bengalees of PurbaMedinipur District, West Bengal	*Human Biology Review*, 5 (1): 34-52, 2016. *ISSN* 2277 - 4424	International
B. Kuiti and **K. Bose**.	Predictive equations for height estimation using knee height of older Bengalees of PurbaMedinipur, West Bengal, India.	*Anthropological Review*, 79 (1): 47 – 57, 2016.e-ISSN: 2083-4594	International
A. Khatun, M.Bhadra, A. Mukhopadhyay and **K. Bose.**	Anthropometric Assessment of Nutritional Status of Muslim Adolescents of Deganga, North 24 Parganas, West Bengal, India.	*International Journal of Experimental Research and Review*, 4: 34-39, 2016.e-ISSN: 2455-4855	International
A. Khatun, M.Bhadra, A. Mukhopadhyay and **K. Bose.**	Nutritional status and effect of physical activity on anthropometric characteristics of Bengalee Muslim adolescent boys of North 24 Parganas, West Bengal, India.	*International Journal of Experimental Research and Review*, 5: 8-14, 2016. e-ISSN: 2455-4855	International
R. Chakraborty, S. Koziel and **K. Bose**.	Is the Effect of Age on Diastolic Blood Pressure Modified by the Age at Migration ? A Study Among the Adult Male Slum Dwellers in Eastern India.	In: *Biological Implications of Human Mobility.pp.27-40.*(Editors: S. Koziel, R. Chakraborty and K.Bose). New York: Nova Science Publishers, 2016. ISBN: 978-1-63485-644-7.	International
S. Das and **K. Bose**.	Prevalence of Undernutrition Among Five Tribes of West Bengal, India.	In: *Nutri tion and Health Among Tribal Populations of India:* A Biocultural Approach. pp. 159-170. Edited by: N. Mondal and J. Sen. New Delhi: B.R. Publishing Corporation, 2016. ISBN: 9789350502976.	National
G.C. Mandal, A. Acharya and **K. Bose.**	Relationship of Cephalic Index with some anthropometric variablessamong the rural preschool children of West	*Human Biology Review*, 5 (3): 296 – 308, 2016. *ISSN* 2277 - 4424	International

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	Bengal, India.		
S. Das, M. Ghritlahre, H.S. Singh, S. DattaBanik and **K. Bose**.	Selected Socio-demographic Correlates of Nutritional Status among Bhaina Tribal Female Children and Women of Pendra Block, Chhattisgarh.	*South Asian Anthropologist*, 16 (1): 19-26, 2016. ISSN : 0257-7348	International
N. Mondal, J. Sen, **K. Bose**, R. Timungpi, M. Kathar and S. Hanse.	Neck circumference as a screen measure of overweight/obesity among Indian adults.	*Anthropological Review*, 79 (3): 354 – 363, 2016.e-ISSN: 2083-4594	International
Professor Dipak Kumar Midya			
Dipak K Midya	Nobody cares for Human Rights when social unrest turns violent: the Junglemahal situation in India.	*Research Journal of Social Sciences and Management,* 5 (2) 2015: 28-35. ISSN: 2251-1571	International/ IF: 4.36
Dipak K Midya	The Ho concept of Life and continuity: Reflections from Mortuary Rites.	*Nrtattv: The Anthropology*, 5 (7) & 6 (8) 2015: 81-90. ISSN: 2249-9830.	National
Dr. Sumahan Bandyopadhyay			
Sumahan Bandyopadhyay	Lokojiban Path: LokayataSanskritirDikdarshan	*Lokoshruti,* (Journal Published byFolk and Tribal Culture Centre, Government of West Bengal) Volume- 14 ; Issue-1; 2016; Pp. 1-6 ISSN 2322 -0961	National
Sumahan Bandyopadhyay	Mahali: HastashilpiJanajatiGosthi(Mahalis: A craft-working tribal group)	*Lokoshruti,* (Journal Published byFolk and Tribal Culture Centre, Government of West Bengal) Volume- 13 ; Issue-I; January; Pp. 20-28; 2015 ISSN 2322 - 0961	National
Sumahan Bandyopadhyay	Changpa of Ladakh	*The Indian Journal of Anthropology*. Vol.3(1):2015; Pp. 81-84 ISSN2320 – 3757	National
Sumahan Bandyopadhyay	Echoes from the Kinnauri World.	*The Indian Journal of Anthropology*. Vol.3(2):2015; Pp. 127-130 ISSN2320 – 3757	National

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Sumahan Bandyopadhyay	*SERPAI :* An Innovative Folk Craft of an Obscure Village of Birbhum, West Bengal'	*Attributes of Culture* Edited by Dr. AmitabhaSarkar , Aayu Publications, New Delhi,2016. Pp.276-286. ISBN 978 -93-85161-31-5	National
Dr. Sovanjan Sarkar			
Sovanjan Sarkar and Barun Mukhopadhyay	Physical activity, diet and lipid profile: A study among the Bhutias of Gangtok, Sikkim	In: *Nutrition and Health among Tribal Populations of India: A bio-cultural approach.* Editors: NitishMondal and JaydipSen, B. R. Publishing Corporation, Delhi, 203-216.	National

ii) Books Published:

Name of the faculty with co-authors (sequentially)	**Book**	**Name of the Publisher**	**Year**	**National/ International**
Dr. S. Panda and **Prof. A. Guha**	*'Criminal Tribe' to 'Primitive Tribal Group' and the Role of Welfare State: The Case of Lodhas in West Bengal, India.*	Nova Science Publishers, New York, USA. ISBN 978-1-63463-717-6].	2015	International
Prof. A. Guha	*Tarak Chandra Das:An Unsung Hero of Indian Anthropology*	Studera Press: Delhi. [ISBN:978-93-858830-1-9].	2016	National
Dr. Sumahan Bandyopadhyay (Assoc. Editor) Editor: Barun Kumar Chakraborty	*Bangiya Loksanskriti Kosh.* (Dictionary of Bengali Folklore). 2nd Edition; (Associate Editor)	ABD, Kolkata [ISBN 978-93-81682-09-8]	2016	National

c) Research Projects

(i) Research Projects Initiated during the year

SL. No.	Name of the Faculty	Name of the Project	Inception	Funding Agency	Amount Sanctioned.
1.	Prof. Falguni Chakrabarty	"Socio-Demographic and Health Profile of the Oldest-Old in Rural and Urban Settings of	Septemer, 2015	UGC	10.33 L

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		PaschimMedinipur District West Bengal, India"			
2.	Prof. Abhijit Guha	An Anthropological Study of the University Campus in West Bengal: Towards a Humane Planning for better University-Community Relationship.	2015	Indian Council of Social Science Research, New Delhi.	A Grant-in-aid of Rs.6 lakh has been approved. (Sanction letter F.No.02/69.2015-16/ICSSR/RPR dt.20/05/2015).
3.	Prof. Dipak K Midya	Maoist Extremism, Tribal Life and their Survival Strategy within Junglemahal, PaschimMedinipur, West Bengal	17.06.2015	UGC Innovative Project	0.50 L
4.	Prof. Dipak K Midya	Extremism at Junglemahal in West Bengal: a study in search of socio-economic roots of the violence	01.03.2016	ICSSR, New Delhi	10.0 L
5.	Prof. Dipak K Midya	Awareness on Health Status in a Junglemahal village	2015	UGC (under Extension Activity)	0.50 L
6.	Dr. Sumahan Bandyopadhyay	Social Impact Assessment ofonline Submission of Application for Caste Certificate.	2015	BCW & TD Department, Government of West Bengal (Vide No. 2837-BCW/3M-21/15 Dated 23 July, 2015)	3.5 L

(ii) Research Projects completed during the year

SL. No.	Name of the Faculty	Name of the Project	Funding Agency	Amount Sanctioned.
1.	Dr. Sumahan Bandyopadhyay	Social Impact Assessment of *Sikshyashree*	BCW & TD Department, Government of West Bengal (Vide No. 2837-BCW/3M-21/15 Dated 23 July, 2015)	3.5 L

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d) Consultancy Extended

SL. No.	Name of the Faculty	Consultancy Extended to	Area of Consultancy	Duration	Amount
1.	Professor K. Bose	Cultural Research Institute, Govt. of WB	*Study on Nutritional Status of Tribal Pre-School Children in Four Districts of West Bengal*	1 year	~18.5 Lakhs

e) MOU/Collaboration

SL. No.	Name of the Faculty/Department	Name of the Organization/ Institute with which MOU/ Collaboration is signed	Duration	Subject
1.	NIL	NA	NA	NA

f) Patents Generated

Name of the Faculty	Topic	Patent Registration No.
NIL	NA	NA

g) Faculty Members visited outside Organization like UGC, CSIR, DST, ICSSR, UPSC as experts/ Visiting Fellow

SL. No.	Name of the Faculty	Period of visit	Purpose	Name of the organization
	Nil	Nil	Nil	Nil

h) Faculty Members attended Refresher/Orientation courses

SL. No.	Name of the Faculty	Topic of the Refresher/ orientation course	Duration	Organized by	Sponsored by
1.	Dr. Sovanjan Sarkar	Refresher Course in "Research Methodology" (Inter-disciplinary)	21 Days (01.02.2016 to 23.02.2016)	UGC-HRDC, University of Lucknow	UGC

06. Foreign students in the Department (if any)

Name of the student	Home Country	Year / Semester	Year Admitted
NIL	NA	NA	NA

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07. Research Scholars in the Dept.

a) Research Scholars awarded Ph.D. during the year 2015-16

SL. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1.	Bigitendriya Debsharma	Prof. Falguni Chakrabarty	Socioeconomic condition and Health Profile of the Elderly Population in a Municipal Town: A study in Nadia District, West Bengal
2.	Mohan Chandra Dolai	Prof. Falguni Chakrabarty	Socioeconomic Background, Living Condition and the Health Profile of the Inmates of the Rural Old Age Homes of West Bengal, India.
3	Dr. Arup Majumder	Dr.Abhijit Guha	Socio-economic Impact of Land Acquisition for Industries among the Peasants of Paschim Medinipur, West Bengal: A Test Case (Anthropology).

b) Research Scholars Registered During the Year (2015-16)

SL. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1	Sahana Jana	Prof. Falguni Chakraborty	The socio-economic and health profile of the rural Hindu elderly widow: A study in Purba Medinipur District, West Bengal, India.
2	Atasi Jana	Dr. Abhijit Guha	Women self-help groups in Paschim Medinipur villages: an anthropological exploration

08. a) Seminars/ Symposia/ Workshop/Special Lectures organized in the Department during the year.

SL. No.	Name of the Seminar/ Symposium/ Workshop/Special Lectures	Duration	Funding Agency
1.	Anthropology of Music	2 days	UGC

b) Visiting Fellow: Name, Designation and Tenure of the Work: NIL

09. New Academic Programs Initiated (if any): NIL

10. Whether there is any change in the Curriculum during the year. NA

11. Whether any Examination Reform has been implemented during the year; if any please give the details. NA

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12. Honours and Awards to the Faculty Members during the year.

Professor Kaushik S. Bose has received Senior International Academic Exchange Fellowship by the Indian National Science Academy (INSA) and Polish Academy of Science (PAS) to undertake collaborative research at the Institute of Anthropology, Polish Academy of Sciences, Wroclaw, Poland. Awarded in December, 2015.

13. Whether the Dept. has received SAP, COSIST, ASSIST, DST-FIST etc. during the period. If yes please give the details.

The Department has been selected by the UGC to receive financial grant of Rs.106 lakhs for the period 01/04/2016 – 31.03.2021 under SAP. [Sanction letter no.F.5-1/DRS-I/2016 (SAP-III) dated 10.02.2016]. **Thrust Areas:** 1.*Bio-cultural Study of the ST, SC and minority groups in the Junglemahal region of West Bengal*.2.*Ethnic groups, social exclusion and extremist movement in Junglemahal region*.3. *Cyber Anthropology: An Exploration.*

14. Highlights of the Department.

The Department has developed CBCS system for M. Sc. in Anthropology to be implemented in the next academic session.

The Department is ready to start M. Phil. in Anthropology from the next academic session.

15. Others (if any).

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DEPARTMENT OF APPLIED MATHEMATICS WITH OCEANOLOGY AND COMPUTER PROGRAMMING

01. Name of the Department: Applied Mathematics with Oceanology and Computer Programming

02. Name of the Teachers with Designation.

Sl No	Name of the Teacher holding the Post	Present Designation	Area of Specialization
1	Dr. Madhumangal Pal	Professor	Algorithmic graph theory, Fuzzy graph theory, Fuzzy matrices, BCI/BCK algebra
2	Dr. Shyamal Kumar Mondal	Associate Professor	Inventory and Production Control System, Risk Analysis, Genetic Algorithms, Fuzzy Set Theory, Soft Set Theory, Bio-Mathematics
3	Dr. Sankar Kumar Roy	Associate Professor	Transportation Problem, Game Theory, Lattice in Discrete Mathematics, Fuzzy, Rough and Soft set theory, Stochastic Programming, Interval Programming
4	Dr. Dilip Kumar Maiti	Associate Professor	Primitive Variable Formulation on (i) Nanofluid Flow Over Cylinder/s under the incident of Couette-Poiseuille Flow, (ii) Heat Transfer from Cylinders in Tandem Arrangement, (iii) Heat and Mass Transfer in Cavity
5	Dr. Biswajit Sarkar (on Lien)	Assistant Professor	Production Planning and Control, Inventory Management, Supply Chain Management, Operations Research and Optimizations, Boolean Polynomial &Boolean Algebra, Reliability, Green Supply Chain.
5	Ganesh Ghorai	Assistant Professor	Fuzzy Graph theory and Fuzzy Functional Analysis
6	Raghu NandanGiri	Assistant Professor	Operations Research

03. Examination Results (Final Examination) 2015

Name of the Exam.	No. candidates appeared	No. of candidates obtained First class	No. of candidates obtained Second class
Semester IV	81	76	05

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04. Number of successful candidates appearing in NET, GATE, SET and other remarkable examinations.(2015-16)

NET	GATE	SET	Others
04	05	01	

05. Teacher-wise record for the period (April 2015 to March 2016)
a) Participation in the Seminars / Symposia/ Workshops (Name of Co-Authors not required)

Name of the Seminar/Symposia/ Workshop	Duration	Held at	Title of the Paper Presented	National/ International
Prof. Madhumangal Pal				
3rd International Conference on Computer Science and Data Mining (ICCSDM'15)	20-21 May 2015	International Science Academy of Engineering and Technology, Dubai, UAE	Keynote Lecture: Fuzzy and bipolar fuzzy graphs	International
Faculty Development Programme onRecent Trends in Computing	16 July 2015	Department of Computer Science & Engineering, Haldia Institute of Technology, Haldia	Invited lecture: Graphs and fuzzy graphs	National
National Seminar on Recent Trends in Bio-Mathematical Modelling in Uncertain Environment	11 September 2015	Department of Mathematics, MugberiaGangadharMahavidyalaya, Mugberia, Purba Medinipur	Invited lecture: Modelling of ecosystem using graph theory	National
National Seminar on Recent Advances of Mathematics	14 October 2015	Department of Mathematics, Ramnagar College, Purba Medinipur	Invited lecture: Introduction to fuzzy sets	National
National Seminar on Advances on Mathematical Sciences	22 December 2015	Department of Mathematics, Guwahati University, Guwahati, Assam	Invited lecture: Fuzzy graph theory	National
3rd National Conference on Emerging Trends in Science, Technology & Management for National Development	18 March 2016	Department of Mathematics, Global Institute of Management and Technology, Krishnanagar, Nadia	Invited lecture: Graph labelling	National
Dr. Shyamal Kumar Mondal				
The UGC Sponsored National Seminar on	11–12 September,	Department of Mathematics,	Invited Talk: An Overview on	National

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"Recent Trend in Bio-Mathematical Modeling Under Uncertain Environment"	2015	MugberiaGangadharMahavidyalaya, PurbaMedinipur, West Bengal	Stability Analysis of a Non – linear System and Its Applications in Prey – Predator Model	
National Conference on Optimization and Computational Mathematics (NCOCM 2016)	1st March, 2016 – 2nd March, 2016	Department of Applied Mathematics with Oceanology and Computer programming, Vidyasagar University	Invited Talk: The Effects of a Credit Period on Inventory Model	National
Dr. Sankar Kumar Roy				
1st International Conference in Mathematics and its Applications (ICMA 2015)	23rd December, 2015	Khulna University, Khulna, Bangladesh.	Invited Talk: Recent Developments of Transportation Problem in Different Environments	International
UGC Sponsored National Seminar on Recent Trend on Pure & Applied Mathematics	13th August, 2015- 14th August, 2015	Uluberia College, Uluberia Howrah, West Bengal, India	Invited Talk: Current Trends on Transportation Problem	National
Joint ORSC/EURO International Conference on Continuous Optimization	10th May, 2015-12th May, 2015	Shanghai University, Shanghai , China	Presented paper: Multi-choice Transportation Problem using Lagrange's Interpolating Polynomial	International
National Conference on Optimization and Computational Mathematics (NCOCM 2016)	1st March, 2016 – 2nd March, 2016	Department of Applied Mathematics with Oceanology and Computer programming, Vidyasagar University	Invited Talk: Recent Trends on Transportation Problem	National
Dr. Dilip Kumar Maiti				
National Conference on Exploring Advances in Mathematics (NCEAM-2015)	December 2015	Dept. of Mathematics, University of GourBanga, WB	Fluctuating Forces from a Vortex Generator on a Downstream Cylinder Near Wall	National

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			under Incidence of Couette-Poiseuille Flow	
National Conference on Emerging Trends in Mathematics and Mathematical Sciences	December 2015	Calcutta Mathematical Society	Fluctuating Forces from a Vortex generator on a Downstream Cylinder Near Wall under Incidence of Couette-Poiseuille Flow	National
Ganesh Ghorai				
ADMA Pre-Conference Workshop on Fuzzy Graphs	7-9 June, 2015	B.S. AbdurRahaman University, Vandalur, Chennai-600048	Participant	National
Partners in Learning "Teaching with Technology"	1-9October, 2015	Computer Centre, Vidyasagar University, Midnapore- 721 102.	Participant	National
National Conference on Optimization and Computational Mathematics	1st -2nd March,2016	Dept. of Applied Mathematics, Vidyasagar University, Midnapore-721102.	Paper Presenter Title: New concepts of vague planar graphs	National
Raghu Nandan Giri				
National Conference on Optimization and Computational Mathematics	1st -2nd March,2016	Dept. of Applied Mathematics, Vidyasagar University, Midnapore-721102.	Paper Presenter Title: Joint replenishment models of both-ways and one-way substitution among products in fixed time horizon	National
Teaching with Technology	10th -16th October, 2015	Computer Centre, Vidyasagar University, Midnapore- 721 102.	Participant	National

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b) Research Papers/ Books/ Articles/ Others published (2015-16)
i) Research Papers/ Articles/ Chapters in published Books:

Name of the faculty with co-authors (sequentially)	Title of the Research Paper	Name of the Journal, Vol. No., Year & pp. (ISSN/ISBN)	National/ International, Impact Factor/ Citation Index
Prof. Madhumangal Pal			
M.Pal	Fuzzy matrices with fuzzy rows and fuzzy columns	*Journal of Intelligent and Fuzzy Systems*, 30(1) (2015) 561-573, DOI: 10.3233/IFS-151780.	International SCIE IF=1.812
H.Rashmanlou, S.Samanta, M.Pal, R.A.Borzooei	A study on bipolar fuzzy graphs	*Journal of Intelligent and Fuzzy Systems*, 28 (2015) 571-580 DOI: 10.3233/IFS-141333, ISSN: 1875-8967.	International SCIE IF=1.812
S.Samanta and M.Pal	*Fuzzy Planar Graphs*	IEEE Transaction on Fuzzy System, 23(6) (2015) 1936 – 1942.	International SCIE IF=8.746
T.Pramanik, S.Samanta and M.Pal	Interval-valued fuzzy planar graphs,	*Int. J. Mach. Learn. & Cyber.*, 7(4) (2016) 653-664, DOI 10.1007/s13042-014-0284-7	International SCIE IF=1.110
S.Samanta, M. Akram and M. Pal	m-step fuzzy competition graphs	*Journal of Applied Mathematics and Computing*, 47(2015) 461-472.	International Springer SCOPUS Indexed
M.Pal, S.Samanta and H. Rashmanlou	Some Results on Interval-Valued Fuzzy Graphs	International Journal of Computer Science and Electronics Engineering, 3(3) (2015) 205-211 ISSN 2320–4028.	International
H.Rashmanlou, S.Samanta, M. Pal and R.A. Borzooei	Bipolar fuzzy graphs withCategorical properties	*The InternationalJournal of Computational Intelligence Systems*, 8(5) (2015) 808-818.	International SCIE IF=0.451
Hossein Rashmanlou, Sovan Samanta, M. Pal, Rajab Ali Borzooei	Intuitionistic Fuzzy Graphs With Categorical Properties	*Fuzzy Information and Engineering*, 7(3) (2015) 317-334.	International *Elsevier*
M. Pal	Interval-valued fuzzy matrices with interval-valued fuzzy rows and columns	*Fuzzy Information and Engineering*, 7(3) (2015) 335-368.	International *Elsevier*
S. Paul, M. Pal and A. Pal	L(2,1)-Labeling of Permutation and Bipartite Permutation Graphs	*Mathematics in Computer Science*, 9 (2015) 113-123, DOI10.1007/s11786-014-0180-2.	International SCOPUS Indexed, Springer
S. Paul, M. Pal and A. Pal	L(2,1)-labeling of interval graphs	*J. Appl. Math. Comput.*,49(2015) 419-432. DOI 10.1007/s12190-014-	International SCOPUS

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		0846-6.	Indexed, Springer
Sankar Sahoo, M. Pal	Intuitionistic fuzzy competition graphs	*J. Appl. Math. Comput.* (2015) DOI 10.1007/s12190-015-0928-0.	International SCOPUS Indexed, Springer
G. Ghorai and M. Pal	On some operations and density of m-polar fuzzy graphs	*Pacific Science Review A: Natural Science and Engineering*, 17(1)(2015) 14-22.	International Elsevier
Sankar Sahoo, M. Pal	Different types of products on intuitionistic fuzzy graphs	*Pacific Science Review A: Natural Science and Engineering*, 17(3) (2015) 87-96. DOI doi:10.1016/j.psra.2015.12.007	International Elsevier
Seikh, M.R., Nayak, P. K., Pal, M.	Solving Bi-matrix Games with Pay-offs of Triangular Intuitionistic Fuzzy Numbers	*European Journal of Pure and Applied Mathematics*, 8(2) (2015) 153-171.	International
Seikh, M.R., Nayak, P. K., Pal, M.	Application of intuitionistic fuzzy mathematical programming with exponential membership and quadratic non-membership functions in matrix games	*Annals of Fuzzy Mathematics and Informatics*, 9(2) (2015) 183-195.	International
TriptiBej and M.Pal	Doubt Atanassov's intuitionistic fuzzy Sub-implicative ideals in BCI-algebras	*International Journal of Computational Intelligence Systems*, 8(2) (2015) 240-249.	International SCIE IF=0.451
M.R.Seikh, P.K.Nayak, M. Pal	Matrix Games with Intuitionistic Fuzzy Pay-offs	*Journal of Information and Optimization Sciences*,36(1-2) (2015) 159-181	International Taylor & Francis
T. Senapati, C. Jana, M.Bhowmik and M. Pal	G-algebra, G-sub algebra, L-fuzzy set, L-fuzzy G-sub algebra	*Journal of the Egyptian Mathematical Society,* 23(2015) 219-223 *http://dx.doi.org/10.1016/j.joems.2014.05.010*	International *Elsevier*
A. Dey and M.Pal	Multi-fuzzy complex numbers and multi-fuzzy complex sets	International Journal of Fuzzy System Applications, 4(2) (2015) 15-27.	International SCOPUS indexed, IGI Global
M.R.Sheik, P.K.Nayak, M.Pal	An alternative approach to solve bi-matrix games with intuitionistic fuzzy goals	*Int. J. Fuzzy Computation and Modelling, 1(4) (2015) 362-381.*	International
T.Senapati, C.Su	Cubic Sub algebras	*Fuzzy Inf. Eng.*, 7 (2) (2015) 129-	International

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Kim, M. Bhowmik, M. Pal	and Cubic Closed Ideals of B algebras	149.	Elsevier
C.Jana, T.Senapati, M.Bhowmik, M.Pal	On Intuitionistic Fuzzy *G*-sub algebras of *G*-algebras	*Fuzzy Inf. Eng.* 7 (2015) 195–209.	International Elsevier
A.Dey and M.Pal	Introduction to multi-fuzzy soft topological spaces	*Far East Journal of Mathematical Sciences,* 98(3) (2015) 375-395.	International SCOPUS indexed
A.Dey, M.Pal	Properties of fuzzy inner product space	*International Journal of Fuzzy Logic Systems,* 4(2) (2014) 21-37.	International
T. Senapati, M. Bhowmik, M. Pal, B. Davvaz	Atanassov's intuitionistic fuzzy translations of intuitionistic fuzzy sub algebras and ideals in BCK/BCI-algebras	*Eurasian Mathematical Journal*, ISSN 2077-9879, 6(1) (2015) 96 – 114.	International SCOPUS indexed
C.Jana, T.Senapati, M.Bhowmik, M.Pal	On Intuitionistic Fuzzy *G*-sub algebras of *G*-algebras	*Fuzzy Inf. Eng.*,7(2) (2015) 195-209.	International Elsevier
S.Paul, M.Pal and A.Pal	L(0,1)-labelling of permutation graphs,	*Journal of Mathematical Modelling and Algorithms in Operations Research,* DOI 10.1007/s10852-015-9280-5	International SCOPUS Indexed, Springer
Sanjib Mondal and M.Pal	Rank of interval-valued fuzzy matrices	*AfrikaMatematika*, 27 (1-2) (2016) 97-114 DOI: 10.1007/s13370-015-0325-8	International SCOPUS Indexed, Springer
S.Samanta, T.Pramanik and M.Pal	Fuzzy coloring of fuzzy graphs	*AfrikaMatematika*, 27(1-2) (2016) 37-50 DOI 10.1007/s13370-015-0317-8	International SCOPUS Indexed, Springer
Sanjib Mondal and M.Pal,	Similarity relations, eigenvalues and eigenvectors of bipolar fuzzy matrix	*Journal of Intelligent and Fuzzy Systems*, 30(2016) 2297-2307, DOI: 10.3233/IFS-151780	International SCIE IF=1.812
S.Paul, A.Pal and M.Pal	A new method to compute square of interval graphs and their colouring in linear time	AKCE International Journal of Graphs and Combinatorics, doi:10.1016/j.akcej.2016.02.007	International SCOPUS Indexed, Elsevier
T.Pramanik, S.Samanta, B.Sarkar and M.Pal,	Fuzzy phi-tolerance competition graphs	*Soft Computing,* DOI 10.1007/s00500-015-2026-5, 2016.	International SCIE IF=1.721
A.Rana**,** A.Pal**,** M. Pal	An efficient algorithm to solve the distance *k*-domination problem	*Journal of Discrete Mathematical Sciences and Cryptography,* 19(2) (2016) 241-255.	International *Taylor &Francis*

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	on permutation graphs		
Rajab Ali Borzooei, Hossein Rashmanlou, M. Pal	Regularity of vague graphs	Journal of Intelligent and Fuzzy Systems, 30 (2016) 3681–3689, DOI: 10.3233/IFS-162114.	International SCIE IF=1.812
T.Senapati, M.Bhowmik, M. Pal	Triangular norm based fuzzy BG-algebras	Afrika Mathematika, 27 (1-2) (2016) 187-199 DOI 10.1007/s13370-015-0330-y.	International SCOPUS indexed, Springer
Rajab Ali Borzooei, H. Rashmanlou, S. Samanta, M. Pal	A Study on Fuzzy Labeling Graphs	Journal of Intelligent and Fuzzy Systems, 30 (2016) 3349–3355, DOI: 10.3233/IFS-152082.	International SCIE IF=1.812
S.Samanta, M.Pal, Rajab Ali Borzooei, H.Rashmanlou	Vague graphs and strengths	Journal of Intelligent and Fuzzy Systems, 30 (2016) 3675–3680, DOI: 10.3233/IFS-162113.	International SCIE IF=1.812
H. Rashmanlou, S.Samanta, M.Pal, Rajab Ali Borzooei	Product of bipolar fuzzy graphs and their degree	*International Journal of General Systems*, 45(1) (2016) 1-14. **DOI:** 10.1080/03081079.2015.1072521.	International SCI IF=**0.786**
Rajab Ali Borzooei, H. Rashmanlou, M.Pal	New concept of vague competition graphs	*Journal of Intelligent and Fuzzy Systems,* 31 (2016) 69-75.	International SCIE IF=1.812
G.Ghorai, M.Pal	A study on m-polar fuzzy planar graphs	*Int. J. Computing Science and Mathematics*, 7(3) (2016) 283-292.	International Scopus Indexed
G.Ghorai, M.Pal	Regular product vague graphs and product vague line graphs	Cogent Mathematics, 3(1213214)1-13. **DOI:**10.1080/23311835.2016.1213 2.14 (2016).	International ESCI Indexed, Taylor & Francis
G. Ghorai and M. Pal	Faces and dual of m-polar fuzzy planar graphs	Journal of Intelligent and Fuzzy Systems, 31(3) 2043-2049 (2016).	International **SCIE I. F.-1.812**
A.Pal, S.Samanta, M.Pal	**Book chapter:** Fuzzy k-competition graphs and p-competition fuzzy graph	Book name: *Rough Sets, Fuzzy Sets and Soft Computing,* S.BhattacharyaHalder (Eds), Narosa Pub. House, New Delhi, pp. 227-239, 2015.	National
Sk.Md. Abu Nayeem and M.Pal	**Book chapter:** Planning of a project with imprecise activity time, Chapter 19, pp. 505-515	Book name: Handbook of Research on Modern Optimization Algorithms and Applications in Engineering and Economics, Edited by PandianVasant, G.-W.Weber and V.N.Dieu, A volume in the Advances in Computational	International

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		Intelligence and Robotics (ACIR) Book Series, *USA, IGI Global.2016.*	
A.K.Adak, D.Manna, M.Bhowmick and M.Pal	**Book chapter:** TOPSIS in generalized intuitionistic fuzzy environment, Chapter 24, pp. 630-642	**Book name:** Handbook of Research on Modern Optimization Algorithms and Applications in Engineering and Economics, Edited by PandianVasant, G.-W.Weber and V.N.Dieu, A volume in the Advances in Computational Intelligence and Robotics (ACIR) Book Series, ***USA, IGI Gobal.2016.***	International
Dr. Shyamal Kumar Mondal			
KartikPatra, **Shyamal Kumar Mondal**.	Fuzzy Risk Analysis using area and height based similarity measure on generalized trapezoidal fuzzy numbers and its application.	Applied Soft Computing, 28(2015), pp.276-284. ISSN: 1568-4946	International IF: 3.288 Scopus SCI
Bibhas Chandra Das, Barun Das, **Shyamal Kumar Mondal**.	An integrated production inventory model under interactive fuzzy credit period for deteriorating item with several markets.	Applied Soft Computing, 28(2015), pp.453-465. ISSN: 1568-4946	International ELSEVIER IF: 3.288 Scopus SCI
KartikPatra and **Shyamal Kumar Mondal**.	Risk analysis in a production inventory model with fuzzy demand, variable production rate and production time dependent selling price.	OPSEARCH**,** (2015), Volume 52, Number 3, Jul-Sep 2015, pp. 505 – 529.ISSN 0975-0320.	International Springer Scopus
S. Mandal, K.Maity, **S. K. Mondal** and M.Maiti.	Optimal production inventory problem in imprecise time period.	Int. J. Operational Research, Vol. 22, No. 2 (2015), pp. 216-242. **ISSN online:**1745-7653	International Scopus
Tanushree Mitra Basu and **Shyamal Kumar Mondal**.	Neutrosophic Soft Matrix and Its application in Solving group Decision Making Problems from Medical Science.	Computer Communication& Collaboration, Vol. 3, Issue 1, 2015, pp. 1-31. ISSN 2292-1028 (Print) 2292-1036 (online)	International IF: 0.565
Tanushree Mitra Basu and **Shyamal Kumar**	A New Solution Approach Using Intuitionistic Fuzzy	The journal of Fuzzy Mathematics, Vol. 23, No. 2, 2015, pp. 431-442. ISSN: 1066-8950.	International

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Mondal.	Cognitive Map to Solve Intuitionistic Fuzzy Multi-criteria Ranking Problems in Medical Science.		
Prabir Panja and **Shyamal Kumar Mondal**.	Stability analysis of coexistence of three species prey – predator model.	Nonlinear Dynamics An International Journal of Nonlinear Dynamics and Chaos in Engineering Systems, Volume 81 Nos 1-2 July 2015, pp 373-382. ISSN 0924 – 090X.	International **IF : 3.00 Scopus SCI**
Prasanta Das, Somenath Dutta and **Shyamal Kumar Mondal**.	A quasi – numercal solution for 3 – D meso – scale lee wave associated with meso – scale baroclinic dry mean flow across the Assam – Burma hills in India.	Journal of Indian Geophysical Union (IGU), V. 19, no. 3 (July), 2015, pp: 290-300. ISSN 0971-9709.	National
S. Pramanik, D. K. Jana, **S.K. Mondal,** M.Maiti	A fixed – charge transportation problem in two – stage supply chain network in Gaussian type – 2 fuzzy environments.	Information Sciences, **Elsevier**, 325, 190 – 214, 2015.ISSN: 0020-0255.	International **IF: 4.221. Scopus SCI**
B. Jana, D. Giri, **S.K. Mondal.**	An Efficient Data Hiding Scheme using Hamming Error Correcting Code.	Proceedings of the Sixth International Conference on Computer and Communication Technology 2015, pp. **360-365, publication Date 2015-09-25, Publisher ACM New York, NY, USA Doi:10.1145/2818567.2818674** ISBN: 978-1-4503-3552-2.	International
B.C.Das, B.Das and **S. K. Mondal**.	Multi – item Integrated Inventory Model with Fuzzy Credit Period and Fuzzy Space Constraints.	Proceedings of CFM 2015, International Conference on Frontiers in Mathematics 2015, March 26-28, 2015, Guwahati University, Guwahati, Assam, India, pp. 41-50. ISBN: 978-81-928118-9-5.	International
K.Patra and **S.K.Mondal**.	Multi – item Supplier Selection Model with Fuzzy Risk Analysis studied by Possibility and Necessity Constraints.	Fuzzy information and Engineering, Elsevier, Vol. 7, pp. 451- 474, 2015. ISSN: 1616-8658.	International **Scopus**
B.Jana, D.Giri	Dual – Image Based	International Journal of Network	International

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and **S. K. Mondal**.	Reversible Data Hiding Scheme Using Pixel Value Difference Expansion.	Security, Vol. 18, No. 4, PP. 633-643, July 2016. ISSN 1816-3548.	**Scopus**
P. Das, S. Dutta, **S.K Mondal**	Orographic effects on a 3-D barotropic lee wave across a meso-scale mountain corner.	Modeling Earth Systems and Environment 2 (3), 1-7, 2016. ISSN: 2363-6211.	International
A Banu, **S.K Mondal**.	Analysis of credit linked demand in an inventory model with varying ordering cost.	Springer Plus 5 (1), 1, 2016. ISSN: 2193-1801.	International **I.F-0.982** **SCIE** **Scopus**
P Das, S Dutta, **S.K Mondal**, A Khan.	Momentum flux and energy flux associated with internal gravity waves excited by the Assam-Burma hills in India.	Modeling Earth Systems and Environment 2 (2), 1-9, 2016. ISSN: 2363-6211.	International
B Jana, D Giri, **S.K Mondal.**	Reversible Data Hiding Through Hamming Code Using Dual Image.	Proceedings of the International Congress on Information and Communication Technology, Volume 439 of the series Advances in Intelligent Systems and Computing, Springer, Volume 439 of the series Advances in Intelligent Systems and Computing, Springer, pp 495-504, 2016. ISSN 2194-5357.	International Series
A.K Manna, B Das, JK Dey, **S.K Mondal**.	An EPQ model with promotional demand in random planning horizon: population varying genetic algorithm approach.	Journal of Intelligent Manufacturing, 1-17, 2016. ISSN: 1572-8145	International **I.F-1.995** **Scopus** **SCI**
P.K Singh, **S.K Mondal**, M Maiti.	A Hybridized Chemotactic Genetic Algorithm for Optimization.	J Comput Sci Syst Biol 9, 045-050, 2016.**ISSN: 0974-7230.**	International **I.F-1.59**
S.K.Mondal.	**Book Name**: Recent trend in Bio-Mathematical Modeling Under Uncertain Environment. **Chapter Name:** An Overview on Stability Analysis of a nonlinear System and its Application in	Narosa Publishing House Pvt. Ltd., New Delhi 110002, PP.35-52, ISBN 978-81-8487-522-5.	2016

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	Prey-Predator Model.		
S.K.Mondal.	**Book Name:** Optimal Inventory Control and Management Techniques **Chapter Name:** Some Studies in Multi-Storage Inventory System: Using Genetic Algorithm.	IGI Global, USA PP. 176 – 200, ISBN DOI: 10.4018/978-1-4666-9888-8.ch009,	2016
S.K.Mondal	**Book Name:** Handbook of Research on Generalized and Hybrid Set Structures and Applications for Soft Computing, **Chapter Name:** Fuzzy Multi - Criteria Assignment Problems Using Two - Dimensional Fuzzy Soft Set Theory.	IGI Global, USA PP.191-222, ISBN 13: 9781466697980, DOI: 10.4018/978-1-4666-9798-0,	2016
KartikPatra and **Shyamal Kumar Mondal**	**Book Name:** Mathematics and Computing, Series Title: Proceedings in Mathematics & Statistics . **Chapter Name:** Supplier Selection Using Fuzzy Risk Analysis.	Springer, Series Volume 139, 2015, pp: 321 – 337. Series ISSN 2194-1009	2015
Dr. Sankar Kumar Roy			
Sankar Kumar Roy and Prasanta Mula	Solving Matrix Game with Rough payoffs Using Genetic Algorithm	Operational Research: An International Journal, 16, 117–130, DOI 10.1007/s12351-015-0189-6 (2016).	Springer, **SCIE**, **IF 0.600**
Sankar Kumar Roy and Banani Roy	Analysis of Prey-Predator Three Species Fishery Model With Harvesting including Prey Refuge and Migration	International Journal of Bifurcation and Chaos, 26(2), 2016, 1650022, (19 pages) DOI 10.1007/s40435-015-0153-6.	**SCI, SCIE,** World Scientific **IF: 1.355**
Susanta Bera and **Sankar Kumar Roy**	Soft Rough Approach to Lattice Ideal	The Journal of Fuzzy Mathematics, 24 (1), 49-55	IFMI, 2016.
Sankar Kumar Roy and Shakti Nath Mondal	An Approach to Solve Fuzzy Interval Valued Matrix Game	International Journal of Operational Research, Vol. 26, No. 3, pp 253-267.	Inderscience, 2016 SCOPUS

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Prasanta Mula,**Sankar Kumar Roy** and Deng Feng Li	Birough Programming Approach for Solving Bi-matrix Games with Birough Payoff Elements	Journal of Intelligent and Fuzzy Systems, 29(2), 863–875, 2015	SCIE, JCR, SCOPUS, **IF.1.812**
Sankar Kumar Roy and Susanta Bera	Approximation of Rough Soft Set and Its Application to Lattice	Fuzzy Information and Engineering, 7, 379-387, 2015	Elsevier,2015
Sankar Kumar Roy	Lagrange's Interpolating Polynomial Approach to Solve Multi-choice Transportation Problem	International Journal of Applied Computational and Mathematics, 1(4), pp 639-649, DOI 10.1007/s40819-015-0041-y, 2015	Springer, 2015
Sankar Kumar Roy and Susanta Bera	Soft Rough Lattice	Kragujevac Journal of Mathematics, 39(1), 13-20, 2015	ESCI, SCOPUS
Gurupada Maity and **Sankar Kumar Roy**	Solving Multi-objective Transportation Problem with Non-linear Cost and Multi-choice Demand	International Journal of Management Science and Engineering Management, 11 (1), 62–70, 2016, http://dx.doi.org/10.1080/17509653.2014	Taylor and Francis, ESCI
Dr. Dilip Kumar Maiti			
Maiti, D. K., Bhatt, R. & Alam, M.M	Fluctuating Forces from a Vortex Generator on a Downstream Cylinder Near Wall Under Incident of Shear in Offset Tandem: Comparison with Inline	**Computers & Fluids,** 2016, Vol. 34-135, pp.157--176, ISSN: 0045-7930	International, Pub.: Elsevier, IF:1.891
Alam, M.M., Sangil, K., & Maiti, D.K.	Flow interference between two tripped cylinders	**Wind and Structures**, 2016 Vol. 23, No. 2 , pp.109-125, ISSN: 1226-6116(Print), ISSN: 1598-6225(Online)	International Pub.: Techno Press, **IF.-** 0.746
Ganesh Ghorai			
G. Ghorai and M. Pal	Faces and dual of m-polar fuzzy planar graphs	Journal of Intelligent and Fuzzy Systems, 31(3) 2043-2049(2016).	International IOS Press **SCIE I. F.-1.812**
G. Ghorai and M. Pal	A study on m-polar fuzzy planar graphs	Int. J. of Computing Science and Mathematics, 7(3) 283-292 (2016).	International Inderscience **Scopus**
G. Ghorai and M. Pal	On some operations and density of m-polar fuzzy graphs	Pacific science Review A: Natural science and Engineering, 17 (1) 14-22, (2015).	International Elsevier

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G. Ghorai and M. Pal	Certain types of product bipolar fuzzy graphs	International Journal of Applied and Computational Mathematics, DOI: 10.1007/s40819-015-0112-0, (2015).	International Springer

ii) Books Published:

Name of the faculty with co-authors (sequentially)	Book	Name of the Publisher	Year	National/ International
(Name of the faculty)				

c) Research Projects

(i) Research Projects Initiated during the year

SL. No.	Name of the Faculty	Name of the Project	Inception	Funding Agency	Amount Sanctioned
1.	Dilip Kumar Maiti	Heat Transfer Augmentation from a Square Heated Cylinder Due to Rectangular Eddy Promoter and Nano fluids under the Incident of Couette-Poiseuille Flow	January 2016	DST, New Delhi	14.28 laks
2.	Ganesh Ghorai	Fuzzy Graph	June, 2015	UGC Innovative Research Scheme	70,000.00
3.	Raghu Nandan Giri	Economic Lot-sizing Models for substitutable Products with Two-ways and One-way substitution in Different Environments	June, 2015	UGC Innovative Research Scheme	95,000.00

(ii) Research Projects completed during the year

SL. No.	Name of the Faculty	Name of the Project	Funding Agency	Amount Sanctioned
1.				

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d) Consultancy Extended

SL. No.	Name of the Faculty	Consultancy Extended to	Area of Consultancy	Duration	Amount
1.					

e) MOU/Collaboration

SL. No.	Name of the Faculty/Department	Name of the Organization/ Institute with which MOU/ Collaboration is signed	Duration	Subject
1.				

f) Patents Generated

Name of the Faculty	Topic	Patent Registration No.

g) Faculty Members visited outside Organization like UGC, CSIR, DST, ICSSR, UPSC as experts/ Visiting Fellow

SL. No.	Name of the Faculty	Period of visit	Purpose	Name of the organization

h) Faculty Members attended Refresher/Orientation courses

SL. No.	Name of the Faculty	Topic of the Refresher/ orientation course	Duration	Organized by	Sponsored by
1.	Ganesh Ghorai	102nd Orientation Programme	5th January-2ndFebruary, 2016.	UGC-Human Resource Development Centre, The University of Burdwan, Burdwan.	UGC

06. Foreign students in the Department (if any)

Name of the student	Home Country	Year / Semester	Year Admitted

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07. Research Scholars in the Dept.

a) Research Scholars awarded Ph.D. during the year 2015-16

SL. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1	Kartik Patra	Dr. Shyamal Kumar Mondal	Studies on Risk Analysis using Fuzzy Set Theory and Its Applications
2	Bibhas Ch. Das	Dr. Shyamal Kumar Mondal & Dr. Barun Das	The Studies of Some Integrated Inventory Control Systems with Credit Period in Different Environments
3	Sutapa Pramanik	Dr. Shyamal Kumar Mondal & Prof. Manoranjan Maiti	Some Transportation Problems in Different Uncertain Environments
4	Prasanta Mula	Dr. Sankar Kumar Roy	Some Problems on Game Theory under Uncertain Environments
5	Dipankar Rana	Dr. Sankar Kumar Roy	A Study on Lattice under Rough Set Environments
6	Pradip Gain	Prof. Madhumangal Pal	Investigation of some difficult problems associated with fuzzy topological spaces
7	Sheik Mijanur Rahaman	Prof. Madhumangal Pal	A study of game theory in fuzzy environment
8	Rajkumar Pradhan	Prof. Madhumangal Pal	A study on convergence and inverse of intuitionistic fuzzy matrices

b) Research Scholars Registered During the Year (2015-16)

SL. No.	**Name of the Scholar**	**Name of the Supervisor**	**Title of the Thesis**
1	Barun Khanra	Dr. Shyamal Kr. Mondal & Dr. Jayanta Kr. Dey	Some Studies of the Imperfect Production with Inventory Planning
2	Rabin Kr. Mallick	Dr. Shyamal Kr.	The Study of Effects of Lead

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		Mondal	Time on Some Inventory Models in Different Environments
3	Sumit Kumar Maiti	Dr. Sankar Kumar Roy	Study on Cooperative and Non-cooperative Games through Multi-Level Programming under Different Environments
4	Tripti Bej	Prof. Madhumangal Pal	A study on fuzzy BCK/BCI algebra and related structures
5	Sk. Amanathulla	Prof. Madhumangal Pal	$L(h_1,h_2,\ldots,h_n)$-labelling of graphs

08. a) Seminars/ Symposia/ Workshop/Special Lectures organized in the Department during the year.

SL. No.	Name of the Seminar/ Symposium/ Workshop/Special Lectures	Duration	Funding Agency
1.	National Conference on Optimization and Computational Mathematics (NCOCM 2016)	March 1 -2, 2016	UGC

b) Visiting Fellow: Name, Designation and Tenure of the Work

09. New Academic Programs Initiated (if any)

10. Whether there is any change in the Curriculum during the year.

The syllabus has been preparedw.e.f 2016-17 as per CBCS pattern.

11. Whether any Examination Reform has been implemented during the year; if any Please give the details.

12. Honours and Awards to the Faculty Members during the year.

13. Whether the Dept. has received SAP, COSIST, ASSIST, DST-FIST etc. during the period. If yes please give the details.

14. Highlights of the Department.

15. Others (if any).

1. Prof. Madhumangal Pal delivered a **keynote lecture** in the 3rd International Conference on Computer Science and Data Mining, organized by International Science Academy of Engineering and Technology, **Dubai, UAE** during 20-21 May 2015.
2. Dr. Sankar Kumar Roy delivered invited talk in the 1st International Conference in Mathematics and its Applications (ICMA 2015) organized by Khulna University, Khulna, Bangladesh on 23rd December, 2015.
3. Prof. Madhumangal Pal becomes an honorary member of "International Association of Neutrosophic Science", for distinguished achievement in Neutrosophic Mathematics, USA.

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DEPARTMENT OF AQUACULTURE MANAGEMENT & TECHNOLOGY

01. Name of the Department: Aquaculture Management & Technology
02. Name of the Teachers with Designation

Sl No	Name of the Teacher holding the Post	Present Designation	Area of Specialization
1	Dr. Manoj Kumar Pati	Assistant Professor	Fish Physiology
2	Dr. Joydev Maity	Assistant Professor (on contract)	Aquaculture Nutrition
3	Dr. Basudev Mandal	Assistant Professor (on contract)	Aquaculture productivity

03. Examination Results (Final Examination) 2015

Name of the Exam.	No. candidates appeared	No. of candidates obtained First class	No. of candidates obtained Second class
Semester IV	21	18	03

04. Number of successful candidates appearing in NET, GATE, SET and other remarkable examinations. (2015-16)

NET	GATE	SET	Others
-	-	-	-

05. Teacher-wise record for the period (April 2015 to March 2016)

a) Participation in the Seminars / Symposia/ Workshops (Name of Co-Authors not required)

Name of the Seminar/Symposia/ Workshop	Duration	Held at	Title of the Paper Presented	National/ International
Dr. Manoj Kumar Pati				
Dr. Manoj Kumar Pati	09.10.2015	National Fisheries Development Board (NFDB), Hyderabad	Challenges in seed production of striped murrel, *Channastriatus*	National
Dr. Joydev Maity				
Aqua resources: care and concerns	1 day	Social Environment and Biological	Evaluation of market potentiality of *Bellamyabengalen*	National

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		Association, IICB, Kolkata - 32	*sis* at selected market areas in Purulia district, West Bengal, India	
Dr. Basudev Mandal				
Perspectives of Animal Sciences: Research and Application	23-24, November 2015	PG department of Zoology, Midnapore College (Autonomous)	*Vallisneriaspiralis*- Rapid aquatic colonizers to invitro anti dandruff dermatitis and broad spectrum bacteriocide	National
Aquatic Resources & Sustainable Management	17-19 February, 2016	Science City, Kolkata	In-situ control of nitrogenous waste in aquarium culture of ornamental fishes	International
West Bengal Science and Technology Congress 2016	28-29th February, 2016	Presidency University, Kolkata	Techniques of live fish food culture for sustainableproductio n of live bearer ornamental fishes in draught area of Midnapore	National

b) Research Papers/ Books/ Articles/ Others published (2015-16)
i) Research Papers/ Articles/ Chapters in published Books:

Name of the faculty with co-authors (sequentially)	**Title of the Research Paper**	**Name of the Journal, Vol. No., Year & pp. (ISSN/ISBN)**	**National/ International, Impact Factor/ Citation Index**
Dr. Manoj Kumar Pati			
Mukherjee, M., Suresh, V.R., Manna, R.K., Panda, D., Sharma, A.P., **Pati, M.K.**	Dietary preference and feeding ecology of Bloch's gizzard shad, *Nematolosanasus*	Journal of Ichthyology, 56(3), 2015, pp. 373-382. (ISSN 0032-9452)	International
Mukherjee, M., Karna, S.K., Suresh, V.R., Manna, R.K., Panda, D., Sharma, A.P., **Pati, M.K.**, Mandal, S., Ali,Y.	Dinoflagellate diversity and distribution in Chilika Lagoon with description of new records	Indian Journal of Geo-Marine Sciences (Accepted). 2016	National
Dr. Joydev Maity			
Chakraborty, D., Mukherjee, M. &**Maity, J.**	Ethno-medical importance of viviparous Gastropod,	International Journal of Scientific Research, Volume :	International

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	Bellamyabengalensis(Lamarck, 1822) in terms of estimation of its Proximate and amino acid composition	4, Issue : 1, pp. 178 – 180, 2015, ISSN : 2277=8179	
Chakraborty, D., Mukherjee, M. & **Maity, J.**	Estimation of proximate fatty acid composition in ethno-medically important viviparous Gastropod, *Bellamyabengalensis* (Lamarck, 1822)	International Journal of Advanced Scientific and Technical Research, Volume : 1, Issue : 5, pp84-92, 2015, ISSN : 2249-9954	International
Chakraborty, D., Mukherjee, M. & **Maity, J.**	Evaluation of market potentiality of *Bellamyabengalensis* at selected market areas in Purulia district, West Bengal, India	J. Environ. &Sociobiol. 12 (1) : 1-6, 2015	National
S. Nhattacharya, B. K. Mohapatra & **J. Maity**	Morphological identification of near threatened ornamental fish *Ctenopsnobilis*	International Journal of Scientific Research, 2015, 4 (8) : 6-8. ISBN : 2277-8179,	Intenational
Sk. Naser Uddin, S.Chatterjee & **Joydev Maity**	Reproductive biology, maturation size and sex ratio of black tiger shrimp (*Penaeusmonodon*Fabricius, 1798) from fishing grounds of Digha coast, West Bengal, India.	International Journal of Aquatic Biology (2015) 2(6): 372-378 ISSN: 2322-5270; P-ISSN: 2383-0956	International
R. N. Mandal, S. Kar, D. N. Chattopadhyay, **J. Maity,** B. N. Paul, P. P.Chakrabarti & P. Jayasankar	Tubifex production using agro-industrial wastesand raw cattle dung	Journal of Applied Aquaculture, DOI: 10.1080/10454438.2016.1169729 : 2016 pp 1 – 6.	International
Sk. Naser Uddin, S. Chatterjee & **Joydev Maity**	Length weight relationship and condition factor of *Peneausmonodon* (Fabricius, 1798) from Digha coast, West Bengal, India	International Journal of Fisheries and Aquatic Studies, 2016, 4(3) : 168 -172	International
Dr. Basudev Mandal			
Basudev Mandal and S. K. Dubey	Present Status and Prospects of Black Tiger Shrimp Farming: A Case Study in Maritime State of West	Perspective in Animal Ecology and Reproduction Vol, 10: 83-102 2015 ISBN 978-93-5124-	National

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	Bengal	617-6	
Basudev Mandal , P. Payra & T.Pradhan	Availability of marine molluscs in Digha coast: threats and sustainability	Proceedings of the Seminar pp. 22-44 ,2015	National
Basudev Mandal, P. Payra & R. Samanta	Seasonal availability of crabs and their distribution in Digha coast	International Research journal of Basic and Applied Sciences,01: 27-30 2015	International
Basudev Mandal, S.K. Dubey, A.K. Ghosh & G. Dash	Parasitic occurrence in the giant freshwater prawn *Macrobrachiumrosenbergii* from coastal West Bengal, India	Journal of Parasitology and Vector Biology: 7 (6): 115-119. 2015DOI: 10.5897/JPVB2015.0197	International
N. Chakraborty, Basudev Mandal & A. K. Das	Leaves of Vallisneria finds source to anti dermatitis - Enriching Wetland Ecosystem.	*Journal of Ecosystem and Ecography*: 5 (3): 1-6. 2015http://dx.doi.org/10.4172/2157-7625.1000169	International
Mandal B, Dubey S.K., Bhattacharya D, Chand B.K.	Significance ofCross-contamination on Bacteriological Quality of Black Tiger Shrimp (*Penaeusmonodon*Fabricius 1798) for Export Trade Produced in Fish Processing Plant	*Journal of Aquaculture Research andDevelopment*;6:(12): 381. 2015 doi:10.4172/2155-9546.1000381	International
S. K. Dubey, R. K.Trivedi, B.K. Chand, S.K. Rout & Basudev Mandal	Response of *Anabas testudineus* (Block, 1792) to salinity for assessing their culture potential in brackishwater inundation prone areas of Indian Sundarbans.	*J. of Inland Fish. Soc. India*, 47 (2): 59-69. 2015	National
S. K.Dubey, B.K. Chand, R.K.Trivedi, Basudev Mandal and S.K. Rout	Evaluation of the prevailing aquaculture practices in the Indian Sundarban delta: an insight analysis	*Journal of Food, Agriculture & Environment*, 14 (2): 133-141. 2016	International
M.M. Beg, B. Mandal, S. Moulick, C.K. Mukherjee and B. C. Mal	Efficacy of organic fish farming for sustainability	*International Journal of Advanced Biological Research.* 6 (2): 180-187. 2016	International
M.M. Beg, B. Mandal**,** and	Potential of earthworm	*International Journal*	International

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S. Moulick	meal as a replacement of fish meal for Indian major carps	*of Fisheries and Aquatic Studies*; 4 (3): 357-361. 2016	
Basudev Mandal,S.K. Dubey, P.Dasgupta, B.K. Mahapatra, B. K. Chand	A preliminary survey on parasitic occurrence in indigenous climbing perch, *Anabas testudineus* (Bloch, 1972) from West Bengal state of India	*Journal of Coastal Life Medicine, 4 (8): 592-596. 2016*	International

ii) Books Published:

Name of the faculty with co-authors (sequentially)	Book	Name of the Publisher	Year	National/ International
(Name of the faculty)				

c) Research Projects
(i) Research Projects Initiated during the year

SL. No.	Name of the Faculty	Name of the Project	Inception	Funding Agency	Amount Sanctioned.
1.	Dr. Joydev Maity	Seasonal availability of marine molluscan fauna found at Digha coast of West Bengal, India and studies their nutritional value	17.06.2015	UGC Innovative Project	Rs. 40000/-
2.	Dr. Basudev Mandal	Impact of industrial effluents on internal organ of finfishes in the Haldi River of West Bengal	17.06.2015	UGC Innovative Project	Rs. 40000/-
3	Dr. Manoj Kumar Pati	Empowerment of the tribal people of JungleMahal of Midnapore (w) through communitybased Aquaculture intervention	21.01.2016	UGC Extension Activities	Rs. 50000/-

(ii) Research Projects completed during the year:

SL. No.	Name of the Faculty	Name of the Project	Funding Agency	Amount Sanctioned.
1.	Dr. Manoj Kumar Pati	UGC-BSR	UGC	6.0 Lakh

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d) Consultancy Extended:

SL. No.	Name of the Faculty	Consultancy Extended to	Area of Consultancy	Duration	Amount
1.					

e) MOU/Collaboration:

SL. No.	Name of the Faculty/Department	Name of the Organization/ Institute with which MOU/ Collaboration is signed	Duration	Subject
1.				

f) Patents Generated:

Name of the Faculty	Topic	Patent Registration No.

g) Faculty Members visited outside Organization like UGC, CSIR, DST, ICSSR, UPSC as experts/ Visiting Fellow:

SL. No.	Name of the Faculty	Period of visit	Purpose	Name of the organization

h) Faculty Members attended Refresher/Orientation courses

SL. No.	Name of the Faculty	Topic of the Refresher/ orientation course	Duration	Organized by	Sponsored by
1	Dr. Manoj Kumar Pati	Research Methodology	03 weeks	UGC-HRDC, University of Lucknow, Lucknow	UGC

06. Foreign students in the Department (if any): Nil

Name of the student	Home Country	Year / Semester	YearAdmitted

07. Research Scholars in the Dept.

a) Research Scholars awarded Ph.D. during the year 2015-16

SL. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1	Indradeep	Dr. B.C. Patra &	Low Salinity inland shrimp

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	Chakraborty	Dr. U. K. Sar	(*Penaeusmonodon*) farming with innovative technologies in PurbaMedinipur district of West Bengal, India
2	Monalisa Pal	Dr. Basudev Mandal Dr. B. K. Mahapatra	Studies on the feeding and reproductive biology of two small indigenous fish species the Mourala, *Amblypharyngodonmola* and the Punti, *Puntiussophore*

b) Research Scholars Registered During the Year (2015-16)

SL. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1	Chandan Chettri	Dr. B.C. Patra & Dr. B.C. Jha	Genetic variability assessment of Indian MajorCarps through DNA microsatellite based marker analysis of upper Brahmaputra river stretch of Assam, India
2	Rongsenkumzuk	Dr. B.C. Patra & Dr. B.C. Jha	Studies on Finfish diversity with Physico-chemical parameters of Doyang Reservoir, Nagaland, India
3	Sampat Maji	Dr. M.K. Pati & Dr. G. Biswas	Studies on socio-economic profile and constraints of fishing community in brackish water villages of North 24 Parganas district in West Bengal, India
4	Mahua Dutta	Dr. B. Mandal & Dr. B.K. Mahapatra	Biology, captive maturation and breeding of Chamaeleon Dwarf, *Badisbadis*(Hamilton 1822)
5	Reshma Nasar	Dr. M.K. Pati & Dr. S.K. Das	Technology knowledge and Socio-economic development indices of primary Fishermen's Cooperative Societies in North 24-Parganas District of West Bengal
6	Suman Kar	Dr. J.Maity & Dr. J.K. Sundaray	Sustainable intensification of carp polyculture through integrate multitrophic Aquaculture (IMTA) approach
7	Angshuman Chakraborty	Dr. M.K. Pati & Dr. S. Chowdhury	Comparative study on post- harvest quality changes of fishes cultured in the sewage fed water and freshwater during frozen storage

08. a) Seminars/ Symposia/ Workshop/Special Lectures organized in theDepartment during the year.

SL. No.	Name of the Seminar/ Symposium/ Workshop/Special Lectures	Duration	Funding Agency
1.			

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b) Visiting Fellow: Name, Designation and Tenure of the Work.

SL. No.	Name	Designation	Tenure of the Work
1.	Dr. AnupMandal	Head & Project Manager, CAGL, Rajiv Gandhi Centre for Aquaculture, MPEDA, Govt.of India, Tamil Nadu	07 days (23.11.2015-29.11.2015)

09. New Academic Programs Initiated (if any)

10. Whether there is any change in the Curriculum during the year.
M.Sc. in Fisheries Science Curriculumhave changed to CBCS pattern

11. Whether any Examination Reform has been implemented during the year; if any please give the details.

12. Honours and Awards to the Faculty Members during the year. Nil

13. Whether the Dept. has received SAP, COSIST, ASSIST, DST-FIST etc. during the period. If yes please give the details. No

14. Highlights of the Department.

15. Others (if any).

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DEPARTMENT OF BIO-MEDICAL LABORATORY SCIENCE AND MANAGEMENT

01. Name of the Department: Bio-Medical Laboratory Science and Management

02. Name of the Teachers with Designation

Sl. No.	**Name of the Teacher holding the Post**	**Present Designation**	**Area of Specialization**
1.	Prof. Debidas Ghosh	Professor	Reproductive Endocrinology and Molecular Medicine, Nutrigenomics and Community Nutrition
2.	Dr. Sandip Chattopadhyay	Assistant Professor	Cellular-Molecular Toxicology and Nutritional Biochemistry
3.	Dr. Chhanda Mallick	Assistant Professor (on Contract)	Nanotechnology in Drug Development and Nutritional Research

03. Examination Results (Final Examination), 2015

Name of the Exam.	**No. candidates appeared**	**No. of candidates obtained First class**	**No. of candidates obtained Second class**
M.Sc. (Bio-Medical Laboratory Science and Management**)**	**19**	**19**	**0**
M.Sc. (Clinical Nutrition and Dietetics)	**32**	**32**	**0**

04. Number of successful candidates appearing in NET, GATE, SET and other remarkable examinations. (2014-15)

NET	**GATE**	**SET**	**Others**
Nil	Nil	**02**	Nil

05. Teacher-wise record for the period (April 2015 to March 2016)

a) Participation in the Seminars / Symposia/ Workshops(Names of co-authors not required)

Name of the Seminar/Symposia/ Workshop	**Duration**	**Held at**	**Title of the Paper Presented**	**National/ International**
Prof. Debidas Ghosh				
Trends of Physiological Researches from Laboratory to	2 days	Vidyasagar University	Community awareness packageformulation	National

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Community				
Knowledge attitude practice on food hygiene of rural community of West Bengal	2 days	Dept. of Nutrition, Debra College	Motivational interviewing cum counseling at rural sectors of Paschim Midnapore	National
FIPS PHYSICON 2015	2 days	Culcutta University	Management of diabetes by novel molecule, Dimethyl : A genomic and proteomic study	National
State Science Congress 2016	2 days	Presidency University	Diabetes causes and management :n a popular lecture	National
Name of the Seminar/Symposia/ Workshop	Duration	Held at	Title of the Paper Presented	National/ International
Dr. Sandip Chattopadhyay				
Knowledge attitude practice on food hygiene of rural community of West Bengal	2 days	Dept. of Nutrition, Debra College	Best practices of total quality management for safe food	National
Bridging the gap between Nutrition and Microbiology	1 day	Dept. of Nutrition, Raja N.L. Khan Women's College	Quality Assurance For The Sake Of Healthy Food	National
Healthy nutrition builds healthy childhood	1 day	Dept. of Nutrition, Ramnagar College	Healthy nutrition builds healthy childhood	College Level
Trends of Physiological Researches from Laboratory to Community	2 days	Dept. of Human Physiology, Vidyasagar University	Tetrameric Annexin II and Arachidonic Acid in the Fusogenic event of Lamellar Body with Plasma Membrane	National

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b) Research Papers/ Books/ Articles/ Others published (2015-16)

i) Research Papers/ Articles/ Chapters in Published Books:

Name of the faculty with co-authors (sequentially)	Title of the Research Paper	Name of the Journal, Vol. NO., Year & pp. (ISSN/ISBN)	National/ International, Impact Factor/ Citation Index
Prof. Debidas Ghosh			
Jana K, Bera TK, Ghosh D	Antidiabetic effects of *Eugenia jambolana* in the streptozotocin-induced diabetic male albino rat	Biomarkers and Genomic Medicine (2015) 7:116-124 (ISSN: 2214-0247)	peer reviewed journals
Guria M,Chatterjee K, Ray S, Ghosh D	A Comparative Study of Mothers on Their Awareness Level about Family Planning Practices in Remote Villages of Purba and Paschim Medinipore, West Bengal, India	The International Journal Of Science & Technoledge 2015 316-21 (ISSN: 2321-919X)	peer reviewed journals
Guria M, Chatterjee K, Ray S, Ghosh D	Awareness regarding child care and sanitation: A generation dependent comparison among mother of Purba and Paschim Medinipur district, west bengal	International Journal of Current Research and Review 2015 7 13-19 (ISSN: 2231-2188)	peer reviewed journals
Chakrabartty A, Ali KJ, Ghosh D	A study on excluded groups from revised national tuberculosis control programe: perspective of West Benagl, India	Int J Cur Res 2015 7 11292-11298 (ISSN: 2231-2196)	peer reviewed journals
Maiti R, Misra DS, Ghosh D	Hypoglycemic and antioxidant potency of seed extract of Tamarindus indica linn on streptozotocin induced diabetes mellitus in male rat : a dose dependent study.	Int. J Pherm Bio-Sci 2015 6 365-380 (ISSN: 0975-6299)	peer reviewed journals
Chenni1 H, MahjoubMA, Estévez F, Cascante M, Torres JL, Ali KM, Ghosh D, Trabelsi1 MM	Identification of Esterified Oleanolic Acid in *Cestrum Parqui* Leaves and its Apoptotic Induction on HT-29 Cell Line	Journal of Medical and Pharmaceutical Innovation; 2015 2 (7) 63-68 (ISSN: 2347-8136)	peer reviewed journals
Pakhira BP, Jana K, Ghosh A, Ghosh D	Antitesticular activity of hydromethanol extract of cuminum cyminum in adult rat: a dose	Int J Pherm pherm Sci 2015 7(3) 285-291 (ISSN: 0975-1491)	peer reviewed journals

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	dependent study		
Dey D, Patra BC, Ghosh D	High diabetic prevalence among males Tuberculosis patients in east Midnapore district of West Bengal, India	Int J Adv Res (2015) 3:940-944 (ISSN 2320-5407)	Int IF-5.33 (as per journal website)
Ghosh A, Jana K, Pakhira BP, Ghosh D.	Anti apoptotic efficacy of Eugenia jambolana on testicular germ cell in experimental diabetic rat: a genomic study	Andrologia (2016) 48:282-292 (ISSN: 1439-0272)	Int IF-1.44 (Thompson Reuiters)
Tripathy A, Ghosh A, Dey A, Pakhira BP, Ghosh D.	Attenuation of the cyproterone acetate induced testicular hypofunction by a novel nutraceutical lycopene: A genomic approach	Andrologia (2016) In press (ISSN: 1439-0272)	Int IF-1.44 (Thompson Reuiters)
Bera S, Pakhira BP, Ghosh A, Roychowdhury J, Ghosh D	Gonadal hormone profile and semen quality assessment of the diabetic patients under regular and irregular treatment mode in the age group of 25-40 years: A duration dependent comparative approach	Int J Cur Res (2016) 8:34655-34661 (ISSN: 0975-833X)	Int IF-6.22 (as per journal website)
Dr. Sandip Chattopadhyay			
Pan B, Chattopadhyay S, Mazumdar U	Assessment of water pollution by mouth parts deformities of chironomid larvae	Int Res J of Emerging Trends in Multidisciplinary (**2015**), 1: 238-245	Int (peer reviewed)
Acharyya N, Sajed Ali S, Deb B, Chattopadhyay S, Maiti S	. Green Tea (*Camellia sinensis*) Alleviates Arsenic-Induced Damages to DNA and Intestinal Tissues in Rat and In Situ Intestinal Loop by Reinforcing Antioxidant System	Environ Toxicol.(**2015**). 30: 1033-44.	Int, I.F.3.197 (Thompson Reuiters)

ii) Books Published:

Sl. No.	Name of the faculty with co-authors (sequentially)	Book	Name of the Publisher	Year	National/ International
1	Debidas Ghosh and Adrija Tripathy (Chapter author**)**	Nutrition and Health among Tribal Populations of India A bio-cultural Approach. Edited by Nitish Mondal, Joydip Sen	B.R Publishing Corporation, New Delhi	2016	National
2.	Samiran Bisai and Chhanda Mallick	Nutrition and Health among Tribal Populations of India A bio-cultural Approach.	B.R Publishing Corporation, New Delhi	2016	National

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		Edited by Nitish Mondal, Joydip Sen			

c) Research Projects

(i) Research Projects Initiated during the year

SL. No.	Name of the Faculty	Name of the Project	Inception	Funding Agency	Amount Sanctioned.
1.	Prof. Debidas Ghosh	Evaluation of antifertility activities of functional ingredients present in fruit of *Terminalia chebula* in adult male albino rat: An approach through flow cytometric and genomic analysis of spermiological sensors	2015-2018	DST (Govt. of India)	50, 48, 000/-
2.	Prof. Debidas Ghosh	Evaluation of antidiabetic and antioxidative efficacy of active ingredient (s) present in rhizomes of Curcuma amada Roxb (Zingiberaceae) in Streptozotocin (STZ) induced diabetic male albino rat: An approach through genomic and proteomic study	2015-2018	WB-DST	18, 12, 000/-
3.	Prof. Debidas Ghosh	Antidiabetic and anti-apoptotic profile assessment of ethyl acetate fraction of hydromethanolic (40:60) extract of seed of *Hollarhena antidysenterica* in streptozotocin-induced diabetic rat: An approach through proteomic and genomic study	2015-2018	UGC	14, 78, 000/-
4.	Prof. Debidas Ghosh (Joint)	Natural and Bio-resource management in Junglemahal areas of West Bengal	2015-2017	UGC Innovative Umbrella Project	Rs. 4,50,000/-
5.	Dr. Sandip Chattopadhyay (Joint)	Natural and Bio-resource management in Junglemahal areas of West Bengal	2015-2017	UGC Innovative Umbrella Project	Rs. 4,50,000/-
6.	Dr. Sandip	Therapeutic Efficacy of	2016-	DST, Govt.	Rs.

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	Chattopadhyay	Two Medicinal Plants on Arsenic Induced Disorders in female Rat Model	2019	of West Bengal	20,31,200

(ii) Research Projects completed during the year

SL. No.	Name of the Faculty	Name of the Project	Funding Agency	Amount Sanctioned.

d) Consultancy Extended

SL. No.	Name of the Faculty	Consultancy Extended to	Area of Consultancy	Duration	Amount Sanctioned

e) MOU /Collaboration

SL. No.	Name of the Faculty/Department	Name of the Organisation/ Institute with which MOU / Collaboration is signed	Duration	Subject

f) Patents Generated

Name of the Faculty	Topic	Patent Registration No.
Prof. Debidas Ghosh	Searching of antidiabetic Phytomolecule	717/KOL/2015 Publication date: 10.07.2015

g) Faculty Members visited outside Organisation like UGC, CSIR, DST, ICSSR, UPSC as experts/ Visiting Fellow

SL. No.	Name of the Faculty	Period of visit	Purpose	Name of the organization.
1.	Prof. Debidas Ghosh	A) 1 day	Expert	State Level Service Commision
		B) 3 days	Expert	State Level Service Commision

h) Faculty Members attended Refresher /Orientation courses.

SL. No.	Name of the Faculty	Topic of the Refresher/ orientation course	Duration	Organised by	Sponsored by

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06. Foreign students in the Department (if any)

Name of the student	Home country	Year / Semester	Year Admitted
None	NA	NA	NA

07. Research Scholars in the Department

a) Research Scholars awarded Ph.D. during the year 2015-16

SL. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1	Koushik Das	Prof. Debidas Ghosh	*Effect of root extract of Withania sominifera and bark extract of Terminalia arjuna on dehydration induced oxidative stress and uremia in male albino rats*
2.	Debasish Dey	Prof. Debidas Ghosh	*Incidence and correlation between Tuberculosis, HIV and Diabetes in the East Midnapore district of West Bengal, India*
3.	Soumyajit Maity	Prof. Debidas Ghosh	*Impact of Syzygium jambolanum a homoeopathic medicine in streptozotocin-induced diabetic rat:A possible mechanism of action*

b) Research Scholars Registered During the Year (2015-16)

SL. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1.	Moumita Dash	Dr. Sandip Chattopadhyay	Consequence of dietary n-acetyl cysteine on arsenic mediated female reproductive hazards

08. a) Seminars/ Symposia/ Workshop /Special Lectures organized in the Dept. during the year.

SL. No.	Name of the Seminar/ Symposium / Workshop /Special Lectures	Duration	Funding Agency
1.	NONE	Nil	Nil

08. b) Visiting Fellow: Name, Designation and Tenure of the Work

None

09. New Academic Programmes Initiated (if any) : No

10. Whether there is any change in the Curriculum during the year;

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The new CBCS syllabus of M.Sc. Biomedical Laboratory Science and Management and Clinical Nutrition and Dietetics prepared and will be implemented from 2016-2017session.

11. Whether any Examination Reform has been implemented during the year ; if any please give the details.

Semester system is running. Credit based system will be introduced shortly.

12. Honours and Awards to the Faculty Members during the year.

None

13. Whether the Dept. has received SAP, COSIST, ASSIST, DST- FIST etc. during the period. If yes please give the details.

M.Sc. in Clinical Nutrition and Dietetics Course is running under UGC Innovative Programme.

14. Highlights of the Department:

1. Uniqueness of the two PG courses from this department is that a good number of students from this department are engaged in different Biomedical sectors (e.g. ESI Hospital, NACO, RNTCP, Blood Bank of the Hospital, Faculties at Paramedical Colleges, Dietician, Researchers at IITs and other research institutes and self employed by opening their own labs of Biomedicine) at Govt. and NGO level after completion of these job-oriented courses in Biomedical Laboratory Science and Management and Clinical Nutrition and Dietetics.

2. Faculty Members and researchers of this department are involved in the development of effective drug and nutraceuticals in the management of environmental-toxicological hazards and metabolic disorders. Faculty members have generated their own funding of major research from different funding agencies.

15. Others (if any):

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DEPARTMENT OF BOTANY AND FORESTRY

01. Name of the Department: Botany and Forestry

02. Name of the Teachers with Designation.

Sl No	Name of the Teacher holding the Post	Present Designation	Area of Specialization
1	Prof. (Dr.) Amal Kumar Mondal	Professor	Plant Taxonomy, Systematics & Molecular Taxonomy
2	Mr. Ram Kumar Bhakat	Associate Professor	Ecology and Biodiversity
3	Dr. Asis Kumar Nandi	Associate Professor	Cytogenetics, Biotechnology and Molecular Biology
4	Dr. Debdulal Banerjee	Assistant Professor	Microbiology and Biotechnology
5	Dr. Prakash Karmakar	Assistant Professor	Paleobotany, Palynology and Plant Reproductive Biology
6	Dr. Nilanjana Banerjee	Assistant Professor	Plant Physiology, Biochemistry& Molecular Biology
7	Dr. Gunjan Biswas	Assistant Professor	Mycology, Plant Pathology

03. Examination Results (Final Examination) 2015

Name of the Exam.	No. candidates appeared	No. of candidates obtained First class	No. of candidates obtained Second class
Semester IV	**53**	**50**	**3**

04. Number of successful candidates appearing in NET, GATE, SET and other remarkable examinations. (2015-16)

NET	GATE	SET	Others
3	**4**	**2**	**1**

05. Teacher-wise record for the period (April 2015 to March 2016)

b) Participation in the Seminars / Symposia/ Workshops (Name of Co-Authors not required)

Name of the Seminar/Symposia/ Workshop	Duration	Held at	Title of the Paper Presented	National/ International
Prof. (Dr.) Amal Kumar Mondal				
25th Silver Jubilee	19-21	Department of	• Molecular	**International**

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Conference of Indian Association for Angiosperm Taxonomy (IAAT) and International Conference on trends in Plant systematic (TIPS)	November , 2015	Plant Science, Calicut University, Kerala	taxonomy of the genus *Cassia* (Fabaceae) based on seed protein and mt DNA RFLP • Morphological and histomorphological study: A new key for taxonomic identification of plants in future • A phylogenetic study of floral morphology of some members of Asclepiadaceae • Numerical taxonomy of some hemiparasitic taxa from South West Bengal, India based on some morphological and micro-morphological characters • Variation of pollen production in relation to different ecological life forms of some members under the family Hydrocharitaceae • Micromorphological characters of calcium oxalate crystals (COCS) and idioblast of the family Araceae : A new systematic tool • Studies on valuable agrestals of Howrah district, West Bengal, India with special reference to their use as a bioresources • An appraisal of	

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			coastal dune flora of West Bengal and adjoining Odisha: rationale for biodiversity and management • Structural diversity of silica bodies in leaf epidermal cells of five taxa in the Sub-family Panicoideae: systematic in grasses • Focus on conservation strategies of dye yielding plants in South West Bengal • Phytochemical screening of hemiparasitic taxon *Mcrosolencochinchinensis* (Loranthaceae) with reference to its ash value, nanoparticles and alpha-amylase inhibition property • Studies on anatomy and micro-morphology of *Loranthusparasiticus* (Loranthaceae) a hemiparasitic taxa with reference to its nano-particals • Comparative case study of some selected plant species in the pollution area play an important role for phytoremediation	
2. Seminar on World Environment Day 2015	5th June, 2015	Foundation for Science & Environment, Kolkata	Attended	National

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3. Seminar on National Science Day-2015	8th Oct, 2015,	Vidyasagar University, Midnapore	Attended	National
4. 23nd West Bengal state Science and Technology Congress 2015	228-29 February, 2016	Presidency University, Kolkata **Organizer**: The West Bengal Science & Technology, BikashBhavan, Salt Lake and Government of West Bengal	• The phylogenetic relationship between four species of Cassia L. based on Pollen morphology, chemotaxonomy and phyto-serology" • Phyto-resources and sustainable development of coasta sand dune vegetation of West Bengal" has been accepted for oral presentation. • "Diversity and numerical analysis of staomatat and trichome of pods surface and free amino acid of seeds: use as taxonomic tool of some member of the family Caeselpinoideae" has been accepted for oral presentation. • "Photochemistry of leaf extracts of Loranthusparasitic usMerr with reference to their antibacterial activity" has been accepted for oral presentation.	State
4.UGC & DST Sponsored National seminar on	16-17 February, 2016	Dept. of Botany & Forestry, Vidyasagar	• DNA Barcoding: A sophisticated method for	National

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Medicinal Plants		University, Midnapore	authentication and identification of Medicinal plants • Medicinal plant diversity based on Geospatial Technology: A threat to Kolaghat Thermal Power Plant emission on vegetation and soil fertility • Traditional knowledge of medicinal weeds and their role in the health care of aboriginal people in Purulia District of West Bengal, India • Biosynthesis of Silver Nano-particle Using Fruit Extract of *Passiflorafoetida*L : A Medicinally Important Plant • The ethno-medicinal values of the family Asclepiadaceae of PaschimMidnapore District of West Bengal • Rare ethno-medicinal hemiparasitic plants: conservation and sustainable use in South West Bengal, India • Studies on folk medicinal uses and their conservation strategies of some rare aquatic plants in the district	National

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			PaschimMidnapore, West Bengal, India • Synthesis of silver nano-particles:using leaf extract from two medicinally important Mistletoes • Studies of agrestals of Howrah district, West Bengal with special reference to their medicinal uses • Ethno-medicinally potent coastal dune flora of West Bengal and adjoining Odisha: rationale for conservation and management • Ethno-medicinal uses of Grasses in South West Bengal, India • Observation wild medicinal plants diversity and their conservation status in the forest areas of PaschimMidnapore District, West Bengal, India • Screening of secondary metabolites from common Mistletoes of South West Bengal • Studies of ecology of *Scrullaparasiticus* (L.)	

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			(Loranthaceae) A hemiparasitic taxa with reference to its medicinal properties • Studies on Snake Bite treatment of some plant species in JungalMahal tribal communities, West Midnapore, West Bengal, India • Studies on the medicinally important pteridophytes of Purba and PaschimMidnapore Districts of West Bengal • Common invasive medicinal plant species in EstMidnapore District, West Bengal, India • Medicinal properties: Phytochemical studies of few Indian species of *Selaginella*P. Beauv. • Ethno-medicinal plant diversity of Kesiary, Nachipur and adjoining areas of West Midnapore, India • Biodiversity of medicinal plants of Sabang, West Bengal	
Mr. Ram Kumar Bhakat				
National Seminar on Medicinal Plants	16-17th Feb, 2016	Dept. of Botany & Forestry,	Phytotoxic effect of *Hyptissuaveolens* and	National

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		Vidyasagar University	*Glycosmispentaphylla* on an aggressive weeds *Mimosa pudica*	
National Seminar on Medicinal Plants	16-17th Feb, 2016	Dept. of Botany & Forestry, Vidyasagar University	Biodiversity of medicinal plants of Sabang, West Bengal	National
Dr Asis Kumar Nandi				
National Seminar on Medicinal Plants	16 th& 17thFeb, 2016	Dept. of Botany & Forestry, Vidyasagar University	Multifaceted diversity in *Crinum latifolium* L. amongst individuals growing in different ecological regions in India	National
National Seminar on Medicinal Plants	16 th& 17thFeb, 2016	Dept. of Botany & Forestry, Vidyasagar University	Intraspecific diversity of *Sennatora* (L.) Roxb. among some Indian provenances: A prospect for selecting individuals for better productivity	National
National Seminar on Medicinal Plants	16 th& 17thFeb, 2016	Dept. of Botany & Forestry, Vidyasagar University	An effective use of Sodium dikegulac for seed invigoration of a medicinal crop *Zea mays* L.	National
Medicinal and Aromatc Plants	21st&22nd March, 2016	Narendrapur Ramakrishna Mission	Provenance trial of medicinal plants for screening better yielders: case studies with some species available in southern part of West Bengal	State Level
Dr. Debdulal Banerjee				
National seminar on Microbial Technology: Prospects and Applications	25- 26 Dec, 2015	Department of Microbiology, Orissa University of Agriculture and Technology, Bhubaneswar, Odisha	Potential applications of Endophytic Microorganisms	National
National Seminar on Medicinal Plants	16-17 Feb, 2016	Department of Botany, Vidyasagar University	Medicinal plant endophytes: a potential source of bioactive natural product	National
DBT Star College Programme	March, 2016	Department of Botany, Raja N.	Testing of microbial water quality	Regional

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Sponsored Workshop on "Testing for Drinking Water Potability"		L. Khan Womens College, Midnapore		
Dr. Prakash Karmakar				
International seminar on "Exploring the modern approach in Biological Science: from genome to organism"	November 25-27, 2015	Sidho-Kanho-BirshaUniversity, Purulia	Flowering phenology and floral visitors of *Clerodendrumviscosum* Vent., an important medicinal plant	International
National seminar on Medicinal Plants	February 16-17, 2016	Vidyasagar University	1.Pollen morphological studies of some medicinally important plants of PaschimMedinipur district , West Bengal 2. Contribution of bee pasturage of medicinally important plants for sustenance of apismellifera colonies in North 24-parganas district, West Bengal	National
National seminar on Plant and Microbe: Diversity and Utilization	March 19-20, 2015	Visva-Bharati, Santiniketan	Floral visitors of *Justiciabetonica* L.- A medicinally important plant of tropics	National
Dr. Nilanjana Banerjee				
National Seminar on Medicinal Plants	16-17th Feb, 2016	VU	Investigation of plants for the treatment of Carbuncle	National
Dr. Gunjan Biswas				
Partners in Learning "Teaching with Technology" Program	October 10-16, 2015	Midnapore		
UGC Sponsored Two-Day National Workshopon "Application and Deployment of e-Learning Platform in University: Moodle"	March 9-10, 2016	Midnapore		

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b) Research Papers/ Books/ Articles/ Others published (2015-16)

i) Research Papers/ Articles/ Chapters in published Books:

Name of the faculty with co-authors (sequentially)	Title of the Research Paper	Name of the Journal, Vol. NO., Year & pp. (ISSN/ISBN)	National/ International, Impact Factor/ Citation Index
Prof. (Dr.) Amal Kumar Mondal			
Mondal, A.K. and Mondal (Parui), S.	The developmental variation of the protein profile of the pollen of *Daturainoxia*: A comparative study	International Journal of Bioassays 5.6 (2016): 4625-4629. International Journal Of Bioassays Issn: 2278-778x Coden: IJBNHY	International **1.366**
Ghosh,D, SkMd Abu Imam Saadi, **Mondal, A.K.** and Mondal (Parui), S	Biosynthesis of Silver Nano-particle from Four Medicinally Important Taxa in South West Bengal, India.	Nano Vision, Vol. 5(11), 305-312 Nano Vision, Vol. 5(11), 305-312, November 2015 (An International Research Journal of Nano Science & Technology), www.nano-journal.org	International 2.014
Ghosh, D Samanta, P, **Mondal, A.K.** and Mondal (Parui), S	Phytochemical screening and antioxidant activity of a edible, medicinally important plant taxa *Mollugopentaphylla* L. (Molluginaceae)	International Journal of Bioassays 5.7 (2016): 4707-4710 INTERNATIONAL JOURNAL OF BIOASSAYS, ISSN: 2278-778X CODEN: IJBNHY, http://dx.doi.org/10.21746/ijbio.2016.07.009	International **1.366**
Mondal,I, Maity, S, Das,B, JatisankarBandyopadhyay, J.S. and **Mondal, A.K.**	Modeling of environmental impact assessment of Kolaghat thermal power plant area, West Bengal, using remote sensing and GIS techniques	Model. Earth Syst. Environ. (2016) 2:139 Springer International Publishing Switzerland 2016	International 1.221
Ray, S, Verma, N.K. and **Mondal, A.K**.	Preliminary phytochemical analysis of leaf extract of loranthusparasiticusmerr. With reference to their antibacterial activity	7(03):13661-13666 International Journal of Current Research, ISSN: 0975-833X, www.journalcra.com	International 3.52
Ghosh, D, **Mondal, A.K.** and Mondal	Morphology, Anatomy, Ultrastructure and Ant-	International Journal of Current Research,	International 3.52

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(Parui), S.	patrolling of Extrafloralnectaries (EFNs) in three species of Mimosaceae	ISSN: 0975-833X, www.journalcra.com 7(5): 15505-15508	
Bera, B, Mondal (Parui), S and **Mondal, A.K.**	Variation in the protein profile of the allergenic pollen of Daturametel with different stages of maturity-	International Journal of Current Research, ISSN: 0975-833X, www.journalcra.com 7(6):17174-17180	International 3.52
Mondal, A.K. and Mondal (Parui), S	Fun Quiz on Seaweeds	Science Reporter, 53(3): 60-61 CSIR-National Institute of Science Communication and Information Resources (NISCAIR) Council of Scientific and Industrial Research. ISSN No. 0036-8512	National -
Bhunia, D, and **Mondal, A.K.**	The free amino acids (faa) composition of seeds among some members of blyxa thou. (hydrocharitaceae): a systematic approach	International Journal of Current Research 12 (6): 10437-10445,2014	International 3.52
Chakraborty, T **Mondal, A.K.** and Mondal (Parui), S.	Ethno-Botanical uses of Coastal sand dune plants of West Bengal	Plant Science Research 37(1&2): 71-74	National .442
Tripathi, S and Mondal, A.K.	*Ecliptaprostrata* (Asteraceae)-A natural hair colourant	ENVIS 19 (1): 2	National -
Dwari, S and **Mondal, A.K.**	Butterflies diversity of agricultural fields of howrah district, west bengal, india with special reference to their host plants in agroecosystem	I.J.S.N., VOL.6 (3) 2015: 389-396 International Journal of Science and Nature	International 0.524
Tripathi, S and **Mondal, A.K.**	*Ecliptaprostrata* (L.) L. (Asteraceae) – an eco-friendly natural hair dye-	Current Science 109(6):1011-1012	National Science Academy .559
Dinda, S and **Mondal, A.K.**	Biodiversity of myrmecophytes in eastern india-	4(6):625-631	Society for Science and Nature 0.524
Mondal, A.K. and Mondal (Parui), S	Fun Quiz on Fishes	Science Reporter, 52(3): 60-61	CSIR-National Institute of Science Communicatio

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			n and Information Resources (NISCAIR) Council of Scientific and Industrial Research. ISSN No. 0036-8512 -
Mondal, A.K. and Mondal (Parui), S	Fun Quiz on Earthquake	Science Reporter, 52(7): 58-59	CSIR-National Institute of Science Communicatio n and Information Resources (NISCAIR) Council of Scientific and Industrial Research. ISSN No. 0036-8512 -
Mondal, A.K. and Mondal (Parui), S	Plant Indicators	Science Reporter, 52(11): 60-61.	CSIR-National Institute of Science Communicatio n and Information Resources (NISCAIR) Council of Scientific and Industrial Research. ISSN No. 0036-8512 -
Dwari, S, **Mondal, A.K.** and Mondal (Parui), S	Hundred Snakes Killed due to Panic	Science Reporter, 52(12):13-SPECTRUM	CSIR-National Institute of Science Communicatio n and Information Resources (NISCAIR)

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			Council of Scientific and Industrial Research. ISSN No. 0036-8512 -
Mondal, A.K. and Mondal (Parui), S	Fun Quiz on Antarctica	Science Reporter, 53(6): 60-61	CSIR-National Institute of Science Communication and Information Resources (NISCAIR) Council of Scientific and Industrial Research. ISSN No. 0036-8512 -
Mr. R.K. Bhakat			
Sengupta, C, Saha, R and **Bhakat, R.K.** ,	General soil health of overburden dump with emphasis of heavy metal concentration supported by XRD in JhariaColdfield India	In. Jr. Sci. Res. and Eng. Studies 3: 17-20.	International
Sengupta, C, Saha, R and **Bhakat, R.K.**	Study of Dehydrogenase Activity to Select Plant Species for the Perturbed Overburden Soil Environment, Jharia Coalfields, India	In. Jr. Curr. Science Res. 6(2): 699-711.	International
Bhakat, R.K. and Sen, U.K.	KonkabotiSitabalasacreed goved of West Bengal	Jr. of National Botanical Society, In Press	National
SouravKundu, **Asis Kumar Nandi,**UttamKanp and AlokeBhattacharjee	Influence of Sodium dikegulac on Storage Potential of Maize (Zea mays L. cv. Suvarna, NMH 589) seeds	Indian Agriculturist 2015 59 (2): 109 - 115	National
SouravKundu, **Asis Kumar Nandi**, UttamKanp and AlokeBhattacharjee	Invigouration of Maze(Zea mays L. cv. Nilesh, NMH – 51) seeds during storage by using citronella oil	Indian Biologist 2015 47(2):51 - 55	National
Dr. Debdulal Banerjee			
S. Mahapatra and **D.**	Production and	International Journal of	International

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Banerjee	structural elucidation of exopolysaccharide from endophytic Pestalotiopsis sp. BC55	Biological Macromolecules,Volume 82C, 2016, Pages 182-191	IF: 3.1
Sudipta Roy, SahanaYasmin, SubhadeepGhosh, Somesankar Bhattacharya and **Debdulal Banerjee**	Anti-infective metabolites of a newly isolated *Bacillus thuringiensis* KL1 associated with Kalmegh (*Andrographispaniculata*Nees.), a traditional medicinal herb	Microbiology Insights, 9, 2015, 1-7.	International
Sudipta Roy and **Debdulal Banerjee**	Bioactive EndophyticActinomycetes of *Cinnamomum* sp.; Isolation, Identification, Activity Guided Purification and Process Optimization of Active Metabolite	American Journal of Microbiology : DOI: 10.3844/ajmsp.2015.	International IF: 0.3
Sudipta Roy, **Debdulal Banerjee**	Broad spectrum antibacterial activity of granaticinic acid, isolated from *Streptomyces thermoviolaceus* NT1; an endophyte in *Catharanthusroseus* (L.) G. Don	Journal of Applied Pharmaceutical Science Vol. 5 (07), pp. 006-011 (DOI: 10.7324/JAPS.2015.50702)	International IF: 0.3
Sudipta Roy, **Debdulal Banerjee**	Distribution of EndophtyicActinomycetes of Three Medicinal Plants and Evaluation of Their Antibacterial Potencies	Journal of Advanced Microbiology 1 (4); 2015, 218 - 226	International

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A.K Maji, S. Mahapatra, P Banerji, **D. Banerjee**,	Effects of Standardized *Wrightiatinctoria* and *Stereospermumsuaveolens* Extracts on Various Immuno-Inflammatory Parameters	Journal of Herbs, Spices & Medicinal Plants, 21; 2015, 75–85	International
Amal K. Maji, SubhadipMahapatra, **Debdulal Banerjee**	In-Vivo Immunomodulatory Potential Of Standardized *Puerariatuberosa* Extract And Its Isoflavonoids	International Journal of Pharmacy and Pharmaceutical Sciences 6(1), 2015, 861- 867	International IF: 1.59
Barun Kr. Dey, **Debdulal Banerjee**, Bikas R. Pati	Characterization of a Biopigment from Newly Isolated Endophytic Fungus *Pezicula* sp. BDF9/1 and its Antimicrobial Activity	Journal of Advanced Microbiology 2 (2); 2015, 76-84	International
Akhil Pandey and **Debdulal Banerjee**	*Daldiniabambusicola* Ch4/11 an Endophytic Fungus Producing Volatile Organic Compounds Having Antimicrobial and Olio Chemical Potential	Journal of Advanced Microbiology 1 (6); 2015, 330-337	International
Dr. Prakash Karmakar			
Ujjwal Layek, P. K. Pal, and **P. Karmakar**	Significance of *Trianthemaportulacastrum* L. in sustenance of *Apisflorea* colonies during dearth period	International Journal of Biosciences (IJB) vol.7, No.1:22-29, 2015	International, 0.553
Ujjwal Layek, R. K. Bhakat, and **P. Karmakar**	Foraging behavior of *Apisflorea* during winter and spring-summer in Bankura and paschimMedinipur Districts, West Bengal	Global journal of Bioscience and Biotechnology	International, 0.487
S. Das, **P. Karmakar**, A. K. Nandi, and N. S. Mishra	Small RNA mediated regulation on seed germination	Frontiers in Plant Science, Vol.6:1-7 13.10.2015	International, 4.495

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Dr. Nilanjana Banerjee			
GhanashyamMahato and **Nilanjana Banerjee**	Studies on the antimicrobial role of some selected medicinal plants occurring at the Purulia District, West Bengal	International Journal of Current Research, Vol. 8, Issue 09, pp 39248-39252, 2016	International 3.52
Dr. Gunjan Biswas			
Suvadip Mallick, Somaditya Dey, Supratim Mandal, Aritri Dutta, Debarati Mukherjee, **Gunjan Biswas**, Soumya Chatterjee, Sanjaya Mallick, Tapan Kumar Lai, Krishnendu Acharya and Chiranjib Pal	A novel triterpene from *Astraeus hygrometricus* induces reactive oxygen species leading to death in *Leishmaniadonovani.*	Future Microbiology, 10(5): 763–789, 2015 (1746-0913)	International

ii) Books Published/ Book in Chapter

Sl. No.	Name of the faculty with co-authors (sequentially)	Book /Book in a Chapter	Name of the Publisher	Year	National/ International
1.	Prof. (Dr.) A.K.Mondal	Advanced Plant Taxonomy (APT)	New Central, Kolkata	2005 revised 2016	International
2.	Mandal, A and **Mondal, A.K.**	Ultrastructural study (SEM) of spores of some selected Pteridophytes in Purba and PaschimMedinipur districts of West Bengal, India	Page-36-53, Chapter-4, Advancement of Plant Sciences Edited Book By Bidyut Kumar Jana and Sobhan Kumar Mukherjee	2015	International LAMBERT Academic Publishing-ISSBN No. 978-3-659-66936-1
3.	S. Dinda and **Mondal, A.K**	Morphometric and Numerical analysis of Pod's surface on some members of the subfamily Papilionoideae (Leguminosae).	Pages-171-200. Chapter-14 Advancement of Plant Sciences Edited Book By Bidyut Kumar	2015	International LAMBERT Academic Publishing-ISSBN No. 978-3-659-66936-1

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			Jana and Sobhan Kumar Mukherjee		
4.	Tripathi, S and **Mondal, A.K.**	Application of some selected grass taxa to prevent flood caused by river bank erosion in the rivers of South West Bengal and its future aspects.	Pages-122-141, Chapter-11. Advancement of Plant Sciences Edited Book By Bidyut Kumar Jana and Sobhan Kumar Mukherjee	2015	International LAMBERT Academic Publishing-ISSBN No. 978-3-659-66936-1
5.	Sinha, S and **Mondal, A.K.**	The ethnomedicinal uses of some species of the family Asclepiadaceae of PaschimMedinipur district, West Bengal, India.	Pages-122-141, Chapter-11. Advancement of Plant Sciences Edited Book By Bidyut Kumar Jana and Sobhan Kumar Mukherjee	2015	International LAMBERT Academic Publishing-ISSBN No. 978-3-659-66936-1
6.	Dwari, S and **Mondal, A.K**.	Biodiversity of valuable agrestals in two selected fields of Howrah district, West Bengal, India.	Pages-122-141, Chapter-11. Advancement of Plant Sciences Edited Book By Bidyut Kumar Jana and Sobhan Kumar Mukherjee	2015	International LAMBERT Academic Publishing-ISSBN No. 978-3-659-66936-1
7.	Sk. Md. Abu Imam Saadi and **Mondal, A.K.**	Studies on deposition, shape and location of calcium oxalate crystals in the leves and roots of two free floating Monocotyledonous taxa under the sub-family Lemnoideae.	Pages-201-220, Chapter-15 Advancement of Plant Sciences Edited Book By Bidyut Kumar Jana and Sobhan Kumar Mukherjee	2015	International LAMBERT Academic Publishing-ISSBN No. 978-3-659-66936-1
8.	Roy, S, Tripathi S and **Mondal, A.K.**	Socio-Economic aspects and utility of Eulaliopsisbinata (Sabai Grass) in Traditional culture of tribal of South West	Pages-241-249, hapter-17. Advancement of Plant Sciences Edited Book By	2015	International LAMBERT Academic Publishing-ISSBN No. 978-3-659-

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		Bengal, India.	Bidyut Kumar Jana and Sobhan Kumar Mukherjee		66936-1
9.	Das, P.K. and **Mondal, A.K.**	Studies on the role of bamboo resources in the socio economic development of the local ethnic people of some village areas, PaschimMedinipur district, West Bengal, India.	Pages-96-113, Chapter-9 Advancement of Plant Sciences Edited Book By Bidyut Kumar Jana and Sobhan Kumar Mukherjee	2015	International LAMBERT Academic Publishing-ISSBN No. 978-3-659-66936-1
10.	Bhunia, D and **Mondal, A.K.**	Micromorphological studies on seed and pollen of two common species of the genus Nymphoidesseguier from South West Bengal, India.	Pages-302-318, Chapter-21 Advancement of Plant Sciences Edited Book By Bidyut Kumar Jana and Sobhan Kumar Mukherjee	2015	International LAMBERT Academic Publishing-ISSBN No. 978-3-659-66936-1
11.	Maity, S and **Mondal, A.K.**	Air Pollution tolerance Index of some plant species of West Midnapore district, West Bengal, India.	Pages 142-150, Chapter-12; Advancement of Plant Sciences Edited Book By Bidyut Kumar Jana and Sobhan Kumar Mukherjee	2015	International LAMBERT Academic Publishing-ISSBN No. 978-3-659-66936-1
12.	Chakraborty, T, **Mondal, A.K.** and Mondal (Parui), S	Investigation into the genetic diversity and Taxonomic interrelationships of Ipomoea pescaprae (L.) R.Br. based on Genomic DNA sequencing.	Pages-0250-258, Chapter-18 Advancement of Plant Sciences Edited Book By Bidyut Kumar Jana and Sobhan Kumar Mukherjee	2015	International LAMBERT Academic Publishing-ISSBN No. 978-3-659-66936-1
13.	Ghosh, D, **Mondal, A.K.** and MondalParui, S	Morphometric, Ultrastructural study anti-herbivore defence of EFNs in	Chapter-6Page-58-65, Chapter-6, Advancement	2015	LAMBERT Academic Publishing-ISSBN No.

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		three species of Cassia L. in West Bengal, India- DebasreeGhosh, Amal Kumar Mondal and SanjuktaMondalParui	of Plant Sciences Edited Book By Bidyut Kumar Jana and Sobhan Kumar Mukherjee		978-3-659-66936-1
14.	Dwari, S and **Mondal, A.K.**	Traditional use of Agrestals in Howrah District, West Bengal, India	Recent Advances in Ethnobotany- by Sanjeev Kumar, Deep Publication, New Delhi. Pages-158-164	2015	Deep Publication, New Delhi.
15.	Sinha, S and **Mondal, A.K.**	Ethno Medicional values of the Family Asclepiadaceae of PaschimMedinipur District of West Bengal	Recent Advances in Ethnobotany- by Sanjeev Kumar, Deep Publication, New Delhi. Pages-158-164	2015	Deep Publication, New Delhi.

c) Research Projects

(i) Research Projects Initiated during the year

SL. No.	Name of the Faculty	Name of the Project	Inception	Funding Agency	Amount Sanctioned.
1.	**Prof. (Dr.) A.K.Mondal**	UGC-Major Research Project- Diversity of ant-plant interactions: protective efficacy in species with extra floral nectarines (EFNs) in the flora of Midnapore, West Bengal	2013-16	UGC	14 Lakhs
2.	**Prof. (Dr.) A.K.Mondal**	Outreach Programme	2016-20	UGC	0.5
3.	**Dr. Prakash Karmakar**	Innovative Research Scheme	2015-2017	UGC	1 Lakh

(ii) Research Projects completed during the year

SL. No.	Name of the Faculty	Name of the Project	Funding Agency	Amount Sanctioned.
1.	Dr. Debdulal Banerjee	Production of Exopolysaccharide by endophytic fungi	UGC, New Delhi	5.4 Lakh

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d) Consultancy Extended

SL. No.	Name of the Faculty	Consultancy Extended to	Area of Consultancy	Duration	Amount

e) MOU/Collaboration

SL. No.	Name of the Faculty/Department	Name of the Organization/ Institute with which MOU/ Collaboration is signed	Duration	Subject

f) Patents Generated

Name of the Faculty	Topic	Patent Registration No.

g) Faculty Members visited outside Organization like UGC, CSIR, DST, ICSSR, UPSC as experts/ Visiting Fellow

SL. No.	Name of the Faculty	Period of visit	Purpose	Name of the organization

h) Faculty Members attended Refresher/Orientation courses

SL. No.	Name of the Faculty	Topic of the Refresher/ orientation course	Duration	Organized by	Sponsored by
1.	Dr. Prakash Karmakar	Workshop on Research methodology	16July - 31st July, 2015	Department of Commerce and Farm Management, Vidyasagar University	UGC
2.	Dr. Nilanjana Banerjee	Refresher course on Environmental Science	8-28th January, 2016	The University of Burdwan	VU
3.	Dr. Gunjan Biswas	Refresher Courseon "Management for a Better Societal Environment - A Socio Technical Approach"	July 3-24, 2015	Human Resource Development Centre (HRDC), Jadavpur University	UGC

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06. Foreign students in the Department (if any)

Name of the student	Home Country	Year / Semester	Year Admitted
NA	-	-	-

07. Research Scholars in the Dept.

a) Research Scholars awarded Ph.D. during the year 2015-16

SL. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1.	Sk Md Abu Imam Saadi	*Prof. (Dr.) Amal Kumar Mondal*	Study of ultrastructure diversity of idioblast and calcium oxalate crystal of some members of Araceae in West Bengal- A systematic approach
2.	Pijush Kanti Das	*Prof. (Dr.) Amal Kumar Mondal*	Exploration of medicinal and natural dye yielding plants of Paschim Medinipur district, West Bengal, India
3.	Babulal Sasmal	*Prof. (Dr.) Amal Kumar Mondal*	Diversity of aquatic and wetland Angiospermic flora of Purba Medinipur district, West Bengal, India
4.	Asim Mandal	*Prof. (Dr.) Amal Kumar Mondal*	Studies on Pteridophytes diversity of Purba and Paschim Medinipur district, West Bengal with reference to medicinal uses and their conservation
5.	Tamal Chakraborty	*Prof. (Dr.) Amal Kumar Mondal and Dr. Sanjukta Mondal(Parui)*	Studies on ecology, taxonomy, conservation and some biochemical parameters of *Ipomoea pescaprae* (L) R.Br. , in the coastal belt of East Midnapore, West Bengal, India
6.	Shakti Prasad Panda	*Dr. Asis Kumar Nandi*	Paclobutrazol in Crop Regulation of Mango: A Pheno-physiological Study
7.	Ujjwal Layek	Dr. P. Karmakar and Mr. R. K. Bhakat	Melissopalynological investigation to understand foraging behavior of *Apisdorsata* and *Apisflorea* in Bankura and PaschimMedinipur districts, West Bengal

b) Research Scholars Registered During the Year (2015-16)

SL. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1.	Souradut Ray	Prof. (Dr.) A.K.Mondal and	Studies on medicinal and

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		Prof. (Dr.) N.K.Verma	phytochemical investigation of mistletoes in South West Bengal, India with reference to their bio-activity assay
2.	Debashree Ghosh	Prof. (Dr.) A.K.Mondal and Dr. Sanjukta Mondal Parui	Extrafloral Nectary attribute of some plants growing in Midnapore district of West Bengal, their effect on Ant behaviour patterns in facultative ant-plant mutualism and their taxonomic significance
3.	Sayantan Tripathi	Prof. (Dr.) A.K.Mondal and Dr. Tapal Kumar Pal	Hemiparasitic Flora of South West Bengal with host-parasitic interactions and Systematics approach based on morphological micromorphological, anatomical, palynological and molecular aspects and their medicinal uses
4.	Shilpa Dinda	Prof. (Dr.) A.K.Mondaland Prof. (Dr.) N.K.Verma	Stone Cell diversity on grass family: A Systematics approach based on Florescence microscopy, Polarized Microscopy, Scanning Electron Microscopy and their numerical analysis
5.	Nandadulal Sannigrahi	Prof. (Dr.) A.K. Mondal and Dr. Debdulal Banerjee	Indigenous Traditional Knowledge (ITK) of some medicinal weeds of Puralia district, their therapeutic values, taxonomic relevance & Phenology
6.	Maniklal Pati	Dr. Asis Kumar Nandi	Study on intraspecific diversity of Suaeda maritime on the coastal area of East Midnapore
7.	Chandrasekhar Monadal	Dr. Asis Kumar Nandi	Exotic species on the coastal area of Digha and its impact
8.	Mahmuda Parveen	Dr. Nilanjana Banerjee	Understanding the molecular defense responses of host during early events of Rice (*Oryza sativa* L.) and *Rhizoctoniasolani*Kuhninteraction
9.	Ghanashyam Mahato	Dr. Nilanjana Banerjee	Study of phytochemical analysis and antimicrobial activities of some traditionally used medicinal plants from Purulia district, West Bengal
10.	Sourabh Bisui	Dr. Prakash Karmakar	Study of foraging ecology of stingless bee (Trigona sp.) with reference to honey production and crop yield in PaschimMedinipur

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			district, West Bengal
11.	Arabinda Samanta	Dr. Prakash Karmakar	Reproductive ecology of *Chilocostusspeciosus*, an important medicinal plant of Tropical Asia

c) Research Scholars submitted thesis During the Year (2015-16)

SL. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1.	Amal Kanta Maji	Dr. Debdulal Banerjee	Immunomodulatory potential of some medicinal plants.
2.	Samiran Panday	Dr. P. Karmakar and Dr. B. K. Sinha	Flora of Phawngpui (Blue Mountain) National Park, Mizoram

08. a) Seminars/ Symposia/ Workshop/Special Lectures organized in the Department during the year.

SL. No.	Name of the Seminar/ Symposium/ Workshop/Special Lectures	Duration	Funding Agency
1.	National Seminar on Medicinal Plants (NSMP-2016)	16 and 17 February, 2016	UGC-DRS-SAP and DST

b) Visiting Fellow: Name, Designation and Tenure of the Work

09. New Academic Programs Initiated (if any)

- Integrated M.Phil-Ph.D. in Life Sciences has been introduced centrallyin this academic session (2016-17).
- New Syllabus Choice Based Credit System (CBCS) for 2-year M. Sc. Coursehas been introduced in this session (2016) with Seven (07) Special papers.

10. Whether there is any change in the Curriculum during the year.

11. Whether any Examination Reform has been implemented during the year; if anyplease give the details.

Department revised its syllabus in CBCS mode from 2016.

12. Honours and Awards to the Faculty Members during the year.

13. Whether the Dept. has received SAP, COSIST, ASSIST, DST-FIST etc. during the period. If yes please give the details.

"*UGC (SAP) is running in the departmententitled "Conservation, management and sustainable utilization of endangered medicinal plants (According to IUCN) from the*

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tribal areas (Natural forests) of South West Bengal, with special reference to their methods of propagation, Identification and characterization of their active principles."
Total budget: **75.0 lakhs**

14. Highlights of the Department.

- *Department organized a National Seminar on Medicinal Plants (NSMP-2016) on 16th and 17th February, 2016 Sponsored by UGC-DRS-SAP and DST, New Delhi.*

15. Others (if any).

UGC Coaching Schemes: Regular coaching classes of NET/SET/GATE for the M.Sc. students.

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DEPARTMENT OF CHEMISTRY AND CHEMICAL TECHNOLOGY

01. Name of the Department: Chemistry and Chemical Technology

02. Name of the Teachers with Designation

Sl. No.	Name of the Teacher holding the Post	Present Designation	Area of Specialization
1	Prof. Syed Sirajul Islam	Professor (on Re-employment)	Organic Chemistry
2.	Prof. Braja Gopal Bag	Professor	Organic Chemistry
3.	Prof. Ajay Kumar Misra	Professor	Physical Chemistry
4.	Prof. Amiya Kumar Panda	Professor	Physical Chemistry
5.	Dr. Sudipta Dalai	Associate Professor	Inorganic Chemistry
6.	Dr. Sumita Roy	Assistant Professor	Physical Chemistry
7.	Dr. Subal Chandra Manna	Assistant Professor	Inorganic Chemistry
8.	Dr. Maidul Hossain	Assistant Professor	Inorganic Chemistry

03. Examination Results (Final Examination), 2015

Name of the Exam.	No. candidates appeared	No. of candidates obtained First class	No. of candidates obtained Second class
Semester- IV	54	54	NIL

04. Number of successful candidates appearing in NET, GATE, SET and other remarkable examinations. (2015-16)

NET	GATE	SET	Others
5	17	1	-

05. Teacher-wise record for the period (April 2015 to March 2016)

a) Participation in the Seminars / Symposia/ Workshops (Names of Co-authors not required)

Name of the Seminar/Symposia/ Workshop	Duration	Held at	Title of the Paper Presented	National/ International
Prof. Syed Sirajul Islam				
National Magnetic Resonance Society (NMRS), 2016	18-21st February 2016	Department of Chemistry, IIT, Kharagpur, W.B., India	Structural Characterization of Mushroom Polysaccharides using 2D NMR	National

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CIRMM, WBSU-2016	25-26th February 2016	Department of Chemistry, West Bengal State University, Barasat, W.B.,India	Mushroom polysaccharides: Potential drugs for immunostimulation and cancer therapy	National
Prof. Braja Gopal Bag				
CN2016 held at Bangkok Thailand	3 days (Jan 14-16, 2016)	Bangkok	Natural Triterpenoids as Renewable Nanos: Hierarchical Self-assembly Yielding Novel Materials for Drug Entrapment and Metal-Nanoparticle Hybrids	International
National Seminar at Haldia Government College	1 day September 08, 2015	Haldia	Plants as the Source of Renewable Chemicals in addition to Food and Medicine	National
Frontiers in Chemical Sciences (FCS 16) & Food Processing, Preservation and Packaging (FPP 1422)	Feb 29 – March 1, 2016	Department of Chemistry and Chem. Tech. VU	Participated	National
Prof. Ajay Kumar Misra				
National Conference on "Recent Developments on Photochemistry and Photobiology" (RDPAP-2016)	4-6 March, 2016	Sambalpur University, Odisha.	Low Dimensional Organic Materials & Their Photophysical Properties	National
Perspective in teaching and research in physical chemistry	21-22 August 2015	Indian Association for the Cultivation of Science, Kolkata-32	Synthesis and photophysical properties of low dimensional organic materials	National
Prof. Amiya Kumar Panda				
18th CRSI National Symposium in Chemistry	February 04-07, 2016	Panjub University, Chandigarh,	Physicochemical characterisation of bacterial membrane phospholipids and studies on their interaction with ibuprofen	National

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Recent Developments in Photochemistry and Photobiology	March 04-06, 2016	Sambalpur University	Use of spectroscopic techniques in studying surfactant aggregates	National
Dr. Sudipta Dalai				
Science Academies' Lecture Workshop on Chemistry and Biology Interface	21-22nd April, 2016	Chemistry and Chemical Technology, VU	-	National
Dr. Sumita Roy				
Two-day national symposium on food processing, preservation and packaging	March 17-18, 2015	Dept. of Chemistry &Chemical Technology, V. U.	Investigation of the effect of amide hydrogen bonding on spontaneously formed gel-emulsions by two synthesized pyridyl carboxylic acid based amphiphiles.	National
National symposium on frontiers in Chemical Sciences 2016 and food processing, preservation and packaging 1422	Feb 29-March 1, 2016	Dept. of Chemistry &Chemical Technology, V. U.	Effect of amide linkage on the self-assembly property of benzene sulphonyl carboxylic acid amphiphiles	National
Dr. Subal Chandra Manna				
National symposium on frontiers in Chemical Sciences 2016 and food processing, preservation and packaging 1422	Feb 29-March 1, 2016	Dept. of Chemistry &Chemical Technology, V. U.	Synthesis, crystal structure, magnetic property and study of the interactions with DNA / serum albumins of a 1D copper(II) complex	National

b) Research Papers/ Books/ Articles/ Others published (2015-16)

i) Research Papers/ Articles/ Chapters in Published Books:

Name of the faculty with co-authors (sequentially)	**Title of the Research Paper**	**Name of the Journal, Vol. NO., Year & pp. (ISSN/ISBN)**	**National/ International Impact Factor/ Citation Index**
Prof. Syed Sirajul Islam			
Manabendra Pattanayak, Surajit	Heteroglycan of an edible mushroom Termitomyces	Carbohydrate Research, 2015, 413, 30-36.	International 1.817

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Samanta, Prasenjit Maity , Ipsita K. Sen , Ashis K. Nandi , Dilip K. Manna , Payel Mitra , Krishnendu Acharya , Syed S. Islam.	clypeatus: structure elucidation and antioxidant properties		
Surajit Samanta, Ashis K. Nandi , Ipsita K. Sen , Prasenjit Maity , Manabendra Pattanayak , K. Sanjana P. Devi , Somanjana Khatua, Tapas K. Maiti , Krishnendu Acharya , Syed S. Islam.	Studies on antioxidative and immunostimulating fucogalactan of the edible mushroom Macrolepiota dolichaula	Carbohydrate Research, 2015, 413, 22-29.	International 1.817
Amit K. Mandal,1, Ipsita K. Sen,1, Prasenjit Maity, Sourav Chattopadhyay, Ranadhir Chakraborty, Somenath Roy, Syed S. Islam.	Structural elucidation and biological studies of a novelexopolysaccaride from Klebsiella pneumoniae PB12	International Journal of Biological Macromolecules 2015,79, 413–422.	International 3.313
Dilip K. Manna, Amit K. Mandal, Ipsita K. Sen, Praloy K. Maji, Soumyananda Chakraborti, Ranadhir Chakraborty, Syed S. Islam,	Antibacterial and DNA degradation potential of silver nanoparticles synthesized via green route	International Journal of Biological Macromolecules 2015, 80, 455–459.	International 3.313
Dilip K. Manna, Ashis K. Nandi, Manabendra Pattanayak, Prasenjit Maity, Satyajit Tripathy, Amit K. Mandal, Somenath Roy, Sushri S. Tripathy, Nibha Gupta, Syed S. Islam.	A water soluble _-glucan of an edible mushroom Termitomyces heimii: Structural and biological investigation	Carbohydrate Polymers 2015,134,375–384.	International 4.213

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Prof. Braja Gopal Bag			
Braja Gopal Bag, Shib Shankar Dash	Self-assembly of sodium and potassium betulinates into hydro- and organo-gels: Entrapment and removal studies of fluorophores and synthesis of gel-gold nanoparticle hybrid materials	*RSC Advances*, **2016**, 6, 17290-17296	International 3.289
Braja Gopal Bag, Shib Shankar Dash	Hierarchical self-assembly of a renewable nano-sized pentacyclic dihydroxy-triterpenoid betulin yielding flower-like architectures,	*Langmuir*, **2015**, 31, 13664-13672	International 3.993
Rakhi Majumdar, Supawan Tantayanon, Braja Gopal Bag	A Novel Trihybrid Material Based on Renewables: An Efficient Recyclable Heterogeneous Catalyst for C-C Coupling and Reduction Reactions,	*Chem. Asian J.* 2016, DOI: 10.1002/asia.201600773 .	International 4.592
Sandeep Kumar Dash, Shib Shankar Dash, Sourav Chattopadhyay, Totan Ghosh, Satyajit Tripathy, Santanu Kar Mahapatra, Braja Gopal Bag, Debasis Das and Somenath Roy.	Folate decorated delivery of self assembled betulinic acid nano fibers: a biocompatible anti-leukemic therapy,	*RSC Adv.*, 2015, 5, 24144-24157.	International 3.289
R. Majumdar, B.G. Bag, P. Ghosh	Mimusops elengi bark extract mediated green synthesis of gold nanoparticles and study of its catalytic activity,	*Appl Nanosci.* 2016, 6, 521.	International Springer New Journal
Subhajit Das, Braja Gopal Bag, Ranadhir Basu	Abroma augusta Linn bark extractmediated green synthesis of gold nanoparticles and its application in catalytic reduction,	*Appl. Nanosci.*, 2015, 5, 867-873..	International Springer New Journal
Sandeep Kumar Dash, Sourav	Self-assembled betulinic acid augments	*Biomed. Pharmaco*, 2015, 75, 205.	International 1.68

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Chattopadhyay, Satyajit Tripathy, Shib Shankar Dash, Balaram Das, Debasis Mandal, Santanu Kar Mahapatra, Braja Gopal Bag, Somenath Roy	immunomodulatory activity associates with IgG response		
B.G. Bag, S. Das,	Self-assembly study of ammonium oleanolate and generation of gel–gold nanoparticle hybrid material	*Prayogik Rasayan*, 2016, 2, 24.	International New Journal
B.G. Bag, N. Hasan	Study of Antioxidant Property of the Endosperm Extract of Borassus flabellifer (*Taal*) and its use in the green synthesis of Gold nanoparticles,	*Prayogik Rasayan*, 2016, 2, 11.	International New Journal
Shib Shankar Dash, Braja Gopal Bag, Poulami Hota	Lantana camara Linn Leaf Extract Mediated Green Synthesis of Gold Nanoparticles and Study of its Catalytic Activity	Applied Nanoscience, 2015, 5, 343.	International Springer New Journal
Abir Chandan Barai, Braja Gopal Bag	Study of Antioxidant Property of the Tuber Extract of Habenaria Edgeworthii (*Vrddhi*) and its use in the green synthesis of Gold nanoparticles,	*Prayogik Rasayan*, 2016, 2, 20.	International New Journal
Prof. Ajay Kumar Misra			
M. Shyamal, P.Mazumdar, S.R. Maity, S.Samanta, G. P. Sahoo, A. Misra	Highly Selective Turn-On Fluorogenic Chemosensor for RobustQuantification of Zn(II) Based on Aggregation induced EmissionEnhancement Feature	ACS Sensor, 1, 739-747, 2016.	International Impact Factor: Yet to be computed
D. Das, P. Mazumdar, A. Maity, S. Tripathy ,S. Roy,D. Chattopadhyay A.Misra*	Aggregation induced emission from α-napthoflavone microstructures and its cyto-toxicity	Journal of Photochemistry & Photobiology, B: Biology, 156, 1-10, 2016.	International Impact Factor: 3.03
A. Maity, P.	Morphology directing	Journal of Molecular	International

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Mazumdar, S. Samanta, D. Das, M.Shyamal, G. P.Sahoo ,A. Misra	synthesis of 1-aminopyrene microstructures and its super quenching effect towards nitro aromatics	Liquids, 221, 358-367, 2016.	Impact Factor: 2.74
M. Shyamal, P. Mazumdar, S. Maity, G. P. Sahoo, G. S. Moran, and A. Misra	Pyrene Scaffold as Real Time Fluorescent Turn-on Chemosensor for Selective Detection of Trace Level Al(III) and Its Aggregation Induced Emission Enhancement	J. Phys. Chem. A., ., 2016, 120, 210–220.	International Impact Factor: 2.88
S. Maity, P. Mazumdar, M.Shyamal, G. P. Sahoo, A. Misra	Crystal induced phosphorescence from Benz(a)anthracene microcrystals at room temperature	Spectrochim. Acta A, 157 (2016) 61-68.	International Impact Factor: 2.65
P. Mazumdar, S. Maity, M. Shyamal, D. Das, G. P. Sahoo, A. Misra	Proton triggered emission and selective sensing of picric acid by the fluorescent aggregates of 6,7-dimethyl-2,3-bis-(2-pyridyl)-quinoxaline,	Phys. Chem. Chem. Phys, 2016, 18, 7055-7067.	International Impact Factor: 4.44
D. Das, G. P. Sahoo, P. Mazumdar, A. Maity, D. Chattopadhyay, G. S.Morán, A. Misra	Morphology directing synthesis of benzo[a]pyrene microstructures and their photo physical properties	J. Mol. Liq., 206 (2015) 47-55.	International Impact Factor: 2.74
P. Mazumdar, D. Das, G.P. Sahoo, G. Salgado-Moràn, A. Misra	Aggregation induced emission enhancement of 4,4′-bis(diethylamino)benzophenone with an exceptionally large blue shift and its potential use as glucose sensor	Phys. Chem. Chem. Phys. 17 (2015) 3343–3354.	International Impact Factor: 4.44
G. P. Sahoo, S. Samanta, D. k. Bhui, S. Pyne, A. Maity, A. Misra	Hydrothermal synthesis of hexagonal ZnO microstructures in HPMC polymer matrix and their catalytic activities	J. Mol. Liq., 212,665-670, 2015.	International Impact Factor: 2.74
G.P.Sahoo, S. Basu, S. Samanta & A. Misra	Microwave-assisted synthesis of anisotropic gold nanocrystals in polymer matrix and their catalytic activities	Journal of Experimental Nanoscience, 10, (2015), 690-702.	International Impact Factor: 0.83
Prof. Amiya Kumar Panda			
Amiya Kumar	“Effect of Double Tailed	RSC Advances 6 (2016),	International

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Panda, Suraj Koirala, Biplab Roy, Pritam Guha, Ravi Bhattarai, Manish Sapkota, Prasant Nahak, Gourab Karmakar, Amit Kumar Mandal, Anup Kumar	Cationic Surfactant on the Physicochemical Behavior of Hybrid Vesicles"	13786–13796	Impact factor: 3.289
Dr. Sudipta Dalai			
D. Hazari, S.K. Jana, H. Puschmann, E. Zangrando, **S. Dalai**	Three Manganese(II) Coordination Polymers with Mixed Donor Ligands: Synthesis, X-ray Structures and Luminescence Properties	Transition Metal Chemistry, 2015, 40, 595-604.	1.465
D. Hazari, S.K. Jana, H. Puschmann, E. Zangrando, **S. Dalai**	Three new co-ordination polymers of zinc(II) and cadmium(II) with dicarboxylate and bipyridine ligands: Synthesis, structure and luminescence study	J. Inorg. Organomet. Polym Mater., 2015, 25, 1151-1159	1.308
D. Hazari, S.K. Jana, S.K. Seth, H. Puschmann, **S. Dalai**	Structural Variability of Ag(I) Metal-Organic Networks: C−H···π and metal···π interactions	J. Coord. Chem., 2016, 69(3), 562-573	1.756
D. Hazari, S. K. Jana, H. Puschmann, E. Zangrando, **S. Dalai**	1D lead (II) coordination chains with carboxylate containing ligands. A rare example of polyrotaxane 1D → 1D interpenetrated coordination polymer	Inorg. Chem. Comm., 2016, 65, 1-3	1.762
Dr. Sumita Roy			
Roy, Aparna; Maiti, Monali; **Roy, Sumita**	Effect of Hydrocarbon Chain and Amide Linkage on the Interfacial and Self-assembly Property of Nicotinic Acid Amphiphiles	*J. Chem. Eng. Data*, **2015**, *60*, 2209–2218. Print Edition ISSN: 0021-9568 Web Edition ISSN: 1520-5134	1.835
Maiti, Monali; Roy, Aparna; **Roy, Sumita**	Surface and self-organization of sodium salt of 2-decyl pyridine-5-boronic acid and sodium salt of-2oxydecyl pyridine-5-boronic acid	*Colloid Polym Sci*, **2016**, *294*, 171–179. Print Edition ISSN: 0303-402X Web Edition ISSN: 1435-1536	1.890

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	at two different pHs		
Pradhan, Ananya; Bepari, Madhubanti; Maity, Pralay; Roy, Sibsankar; **Roy, Sumita,** Maiti Choudhury, Sujata	*Gold nanoparticles from indole-3-carbinol exhibit cytotoxic, genotoxic and antineoplastic effects through the induction of apoptosis*	*RSC Adv.*,**2016**,*6*, 56435-56449. ISSN: 2046-2069	3.289
Dr. Subal Chandra Manna			
A. Paul, S. Mistri, A. Bhunia, S. Manna, H. Puschmann, **S. Manna**	Synthesis, crystal structure, DFT/TDDFT calculation, photophysical properties and DNA binding studies of morpholino moiety ligand based two Cu(II) complexes in combination with carboxylates	***RSC Adv.*** **2016**, **6**, 60487- 60501.	International Impact Factor = 3.289
S. Mistri, H. Puschmann, **S. Manna**	DNA/protein binding, cytotoxicity and catecholase activity studies of a piperazinyl moiety ligand based nickel(II) complex	***Polyhedron***, 2016, 115, 155-163. (ISSN: 0277-5387)	International Impact Factor = 2.108
S. Mistri, A. Paul, A. Bhunia, R. K. Manne, M. K. Santra, H. Puschmann, **S. Manna**	A combined experimental and theoretical investigation on the Cu(II) sensing behavior of a piperazinyl moiety based ligand, and catecholase and biological activities of its Cu(II) complex in combination with pyridine 2,5-dicarboxylate	***Polyhedron***, 2016, 104, 63–72. (ISSN: 0277-5387)	International Impact Factor = 2.108
A. Bhunia, S. Manna, S. Mistri, A. Paul, R. Manne, M. Santra, V. Bertolasi, **S. Manna**	Synthesis, characterization, TDDFT calculation and biological activity of tetradentate ligand based square pyramidal Cu(II) complexes	***RSC Adv.*** **2015**, 5, 67727–67737.	International Impact Factor = 3.289
Dr. Maidul Hossain			
Manna SK., Mandal A., Mondal SK., Adak AK., Jana A., Das S.,	Pyrido [1,2-a] pyrimidinium ions – a novel bridgehead nitrogen heterocycles:	Org Biomol Chem. 2015, 13, 8037-8047.	International 3.57

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Chattopadhyay S., Roy S., Ghorai SK., Samanta S., Hossain M, Baidya M	synthesis, characterisation, and elucidation of DNA binding and cell imaging properties		
Mandal SM., Chakraborty A., **Hossain M**., Mahata D., Porto WF., Chakraborty R., Mukhopadhyay CK., Franco OL., Hazra TK., Basak A	Amphotericin B and Anidulafungin Directly Interact with DNA and Induce Oxidative Damage in Mammalian Genome	Mol Biosyst.2015, 11, 2551-2559	International 2.829
Jha R, Jha PK, Gupta S, Bhuvaneshwaran SP, Hossain M, Guha SK	Probing suitable therapeutic nanoparticles for controlled drug delivery and diagnostic reproductive health biomarker development.	Mater SciEng C Mater Biol Appl. 2016, 61,235-245.	International 3.25
Jha PK., Jha R., Gupta S, Bhuvaneshwaran SP, Hossain M, Guha SK	Comparative Nanoscale Interaction of TiO2/ZnO/Cu with Human Spermatozoa for Biomedical Application.	Advanced Science, Engineering and Medicine, 2016, 8, 360-369	International Impact factor not yet received
Jana SK. , Mandal, AK., Seth S K. , Puschmann H., Hossain M., Dalai S.	Synthesis, Characterization and Crystal Structure of a New 3D Cadmium (II) Coordination Polymer: Binding Interaction with DNA and Double Stranded RNA.	OrganometPolym2016, 26, 806–818.	International 1.308

ii) Books Published:

Name of the faculty with co-authors (sequentially)	**Book**	**Name of the Publisher**	**Year**	**National/ International**
Prof. Amiya Kumar Panda				
Kausik Manna and Amiya Kumar Panda,	Catanionic Surfactants: Novel Surrogates of PhospholipidS	*Encyclopedia of Biocolloid and Biointerface Science*, Volume 2, First Edition. Edited by Hiroyuki Ohshima, published by John Wiley & Sons, Inc.	2016	International

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c) Research Projects

(i) Research Projects Initiated during the year

SL. No.	Name of the Faculty	Name of the Project	Inception	Funding Agency	Amount Sanctioned.
1.	Prof. Syed Sirajul Islam	"Evaluation of Bioactive Polysaccharides for antitumor and immuno-modulatory activity from wild edible Mushrooms found in Odisha"		DBT	Rs.17,05,000/-
2.	Prof. Braja Gopal Bag	Chemical Investigations on four Astavarga Plants *Jivaka, Kakoli, Mahameda and Vriddhi*	July 1, 2015	UGC	12.81 lakhs
3.	Prof. Amiya Kumar Panda	Mixed Monolayers Of Phospholipids, Double Tailed Surfactants, Silica Nanoparticles And The Formation Of Stable Liposomes For Medical Applications	01.07.2015-30.06.2017	DST	15,06,560/-
4.	Prof. Amiya Kumar Panda	Physicochemical Studies On Bacterial/Other Membraneous Interfaces In An Attempt To Develop Improvised Antimicrobial Drug Carrier Systems	14.06.2014-13.06.2017	DBT	39,95,200/-
5.	Prof. Amiya Kumar Panda	Physicochemical Studies On Structured Aggregates With Special Reference To Ionic Liquids	01.07.2015-30.06.2018	UGC	9,16,600/-
6.	Dr. Sumita Roy	Synthesis and Self-organization Studies of Some Selected Benzenesulphonyl – Carboxilic Acid		CSIR	11,50,000/- + one staff

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		Amphiphiles and their salts in Water: Self-assembly and gelation properties.			

(ii) Research Projects completed during the year

SL. No.	Name of the Faculty	Name of the Project	Funding Agency	Amount Sanctioned
1.	Prof. Braja Gopal Bag	Study of the Self Assembly of Renewable Nano-Sized Triterpenoids	CSIR	23 lakhs
2.	Prof. Amiya Kumar Panda	Physicochemical Studies on Nanostructured Lipid Carriers	DST	46 lakh
3.	Dr. Subal Chandra Manna	Synthesis, characterization and study of the magnetic, photoluminescence, electrochemical properties of polynuclear (homo / hetero-metallic) complexes	DST	26.3 lakhs

d) Consultancy Extended

SL. No.	Name of the Faculty	Consultancy Extended to	Area of Consultancy	Duration	Amount Sanctioned
1.					

e) MOU /Collaboration

SL. No.	Name of the Faculty/Department	Name of the Organisation/ Institute with which MOU / Collaboration is signed	Duration	Subject
1.				

f) Patents Generated

Name of the Faculty	Topic	Patent Registration No.

g) Faculty Members visited outside Organization like UGC, CSIR, DST, ICSSR, UPSC as experts/ Visiting Fellow

SL. No.	Name of the Faculty	Period of visit	Purpose	Name of the organization.

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h) Faculty Members attended Refresher /Orientation courses.

SL. No.	Name of the Faculty	Topic of the Refresher/ orientation course	Duration	Organized by	Sponsored by
1.	Dr. Sumita Roy	Winter School Topic: Gender, Women and Society: Debates and Developments	05.01.2016-25.01.2016	Women's Studies Centre, Vidyasagar University	
2.	Dr. Maidul Hossain	24th refreshers course in environmental Science	21days	The University of Burdwan	UGC

06. Foreign students in the Department (if any)

Name of the student	Home country	Year / Semester	Year Admitted

07. Research Scholars in the Dept.

a) Research Scholars awarded Ph.D. during the year 2015-16

SL. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1.	Ipsita Kumar Sen	Prof. Syed Sirajul Islam	Studies on Bioactive Polysaccharides and Polysaccharide Based Nanoparticles.
2.	Gobinda Prasad Sahoo	Prof. Ajay Kumar Misra	Synthesis of morphologically interesting low dimensional materials and to study their photophysical and catalytic properties
3.	Sankarlal Ash	Prof. Ajay Kumar Misra	Ground and excited state intramolecular proton transfer processes of some organic compounds: A DFT based computational study
4.	Hasibul Beg	Prof. Ajay Kumar Misra	Computation of global reactivity descriptors along the proton transfer co-ordinate of some model organic compounds
5.	Dipak Kumar Bhui	Prof. Ajay Kumar Misra	Synthesis of silver nanoparticles having different morphologies and their photophysical properties

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6.	Debduti De	Dr. Sudipta Dalai	Quantum Chemical Study of Molecular Interaction of a Reaction Path and of Some Medicinal Molecules
7.	Abhinandan Rana	Dr. Sudipta Dalai	Coordination Polymers of Main group and Transition Metal Ions with N-and/or O- Donor Ligands
8.	Tapas Maity	Dr. Sumita Roy	Towards the synthesis of Leptomycin-B and application of desymmetrization towards the synthesis of Denticulatin A and B.
9.	Aparna Roy	Dr. Sumita Roy	Synthesis, Characterization Self-assembly and Gel-emulsion Studies of Some Selected Pyridyl Carboxylic Acid Based Amphiphiles.
10.	Soumen Mistri	Dr. Subal Chandra Manna	3d Metal Complexes of N/O donor ligands: Syntheses, Crystal Structures and Molecular Properties

b) Research Scholars Registered During the Year (2015-16)

SL. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1.	Dilip Kumar Manna	Prof. Syed Sirajul Islam	Isolation, Purification and Characterization of Bioactive Polysaccharides from edible mushrooms.
2.	Hasina Parveen	Prof. Syed Sirajul Islam	Analysis of Therapeutic strength of Cur cumin, Chitosan and other polysaccharides of Management of Arsenic induced Ovarian and Uterine Anarchy.
3.	Sk Nurul Hasan	Prof. Braja Gopal Bag	Self assembly of Natural Triterpenoids: Isolation, Characterization & study of their Applications.
4.	Abir Chandan Barai	Prof. Braja Gopal Bag	Chemical Investigations on Astavarga Plants
5.	Koushik Chaudhuri	Prof. Braja Gopal Bag	Nutraceutical Profile of some selected Medicinal Plants of North-Eastern India & its Application in Nano Chemistry.
6.	Milan Shyamal	Prof. Ajay Kr. Misra	Designed synthesis of fluorophore containing Schiff bases and their potential use as sensor

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7.	Debkumar Mondal	Prof. Ajay Kr. Misra	Search for potential non-linear optical materials: A Quantum mechanical based computational study
8.	Asim Maity	Prof. Ajay Kr. Misra	Synthesis of functional low dimensional organic material and their photophysical study
9.	Byomkesh Kar	Dr. Sumita Roy	Synthesis,Characterization Self-Organization and Gel-emulsion Studies of Some Selected Benzenesulphonamido moiety Based Amphiphiles
10.	Aparup Paul	Dr. Subal Chandra Manna	Synthesis, crystal structure, low temperature magnetic behavior, photo-physical property and biological activity of Cu(II)/Ni(II) Coordination compounds.
11.	Apurba Bhunia	Dr. Subal Chandra Manna	Synthesis, crystal structure, DFT calculation, catalytic and biological activity of mono/poly-nuclear coordination compounds.
12.	Soumen Manna	Dr. Subal Chandra Manna	Synthesis, crystal structure, photophysical, magnetic property and biological activity of mono/poly-nuclear Cu(II)/Co(II/III) /Ni(II) complexes of Schiff base ligand
13.	Somnath Das	Dr. Maidul Hossain	Synthesis of noble nanomaterial(noble) and their application in sensing and protein binding
14.	Munira Khatun	Dr. Maidul Hossain	Synthesis of 9Osubstituted berberine and their interaction withDeoxyribo nucleic acids(DNA) and Ribonucleic (RNA)

08. **a) Seminars/ Symposia/ Workshop /Special Lectures organized in the Department during the year.**

SL. No.	**Name of the Seminar/ Symposium / Workshop /Special Lectures**	**Duration**	**Funding Agency**
1.	National Symposium on "Frontiers in Chemical Sciences FCS 16 & *Food Processing, Preservation and Packaging*"	2-days (Feb 29-March 1, 2016)	UGC
2.	Lecture Workshop on " Chemistry and Biology interface"	2-Days (21-22 April 2016)	IASc

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b) Visiting Fellow: Name, Designation and Tenure of the Work

1. Jayanta Kumar Ray, Professor of Chemistry, IIT Kharagpur, 2 weeks
2. Kaliprasanna Dhara, Associate Professor of Chemistry, University of Calcutta, 2 weeks
3. Santosh Kumar, Assistant Professor, CIT Kokrajhar, 2 weeks

09. New Academic Programs Initiated (if any) Nil

10. Whether there is any change in the Curriculum during the year;

Food Science & Technology has been introduced in the syllabus.

11. Whether any Examination Reform has been implemented during the year; if any please give the details. Nil

12. Honours and Awards to the Faculty Members during the year.

Dr. Subal Chandra Manna: Awarded UGC-Raman Fellowship

13. Whether the Dept. has received SAP, COSIST, ASSIST, DST-FIST etc. during the period. If yes please give the details.

1. The Department has been recommended for the UGC SAP DRS –II program (120 lakhs).
2. The Department has been sanctioned Rs. 2.4 crores (approx.) from DST-FIST for sophisticated instrument such 400 MHz NMR and Scanning Electron Microscope, Computer Lab, etc.

14. Highlights of the Department:

1. The Department has been recommended for the UGC SAP DRS –II program (1.20 crores).
2. Sophisticated instruments such as 400 MHz NMR and Scanning Electron Microscope procured from the DST-FIST program (sanctioned Rs. 2.44 crores) has uplifted the quality of teaching and research in the Department.
3. A liquid nitrogen plant has been granted by DST-FIST for the maintenance of 400 MHz NMR.
4. Prof. Braja Gopal Bag presented their research findings in the International Conference CN 2016 held at Bangkok, Thailand in January, 2016.
5. Prof. Braja Gopal Bag has been granted UGC major research project (12.81 lakhs).
6. The Department has organized a National Symposium on "Frontiers in Chemical Sciences FCS 16 & *Food Processing, Preservation and Packaging (FPPP1422)*" in February-March 2015.

15. Others (if any)

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DEPARTMENT OF COMPUTER SCIENCE

01. Name of the Department: Computer Science

02. Name of the Teachers with Designation.

Sl. No.	Name of the Teacher holding the Post	Present Designation	Area of Specialization
1	Mrs. Sabari Pramanik	Assistant Professor	Artificial Intelligence, Soft Computing, Bioinformatics
2	Mr. Biswapati Jana	Assistant Professor	Image Processing, Data Hiding, Steganography
3	Mrs. Payel Guria	Assistant Professor (on Contract)	Cloud Computing
4	Mr. Prabhash Kr. Singh	Assistant Professor (on Contract)	Soft Computing, Web Technology
5	Mr. Suman Kr. Das	Assistant Professor (on Contract)	Networking
6	Mr. Partha Chowdhury	Assistant Professor (Cont.)	Steganography
7	Mr. Uttam Kumar Mondal	Assistant Professor	Cryptography & Network Security, Visual Cryptography Security & Authentication (Audio Signal)
8	Mr. Utpal Nandi	Assistant Professor	Data and Image Compression Techniques

03. Examination Results (Final Examination), 2015

Name of the Exam	No. of Candidates appeared	No. of Candidates obtained First class	No. of Candidates obtained Second class
MCA Semester VI	44	44	0
M.Sc Semester IV	34	34	0

04. Number of successful candidates appearing in NET, GATE, SET, and remarkable examinations. (2015-16)

NET	GATE	SET	Others
0	3	0	5

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05. Teacher-wise record for the period(April 2015 to March 2016)

a). Participation in the Seminars / Symposia/ Workshops (Names of Co-Authors not required)

Name of the Seminars/Symposia/ Workshops	Duration	Held at	Title of the paper presented	National/ International
Mr. Biswapati Jana				
First International Conference on "Intelligent Computing and Communication ($ICIC^2$-2016)",	February 18-19, 2016	University of Kalyani, West Bengal, India	Dual Image based Reversible Data Hiding Scheme Using Pixel Value Difference With Exploiting Modification Direction	International
Third International Conference on Computing and Systems (ICCS - 2016),	January 21-22, 2016	University of Burdwan, Burdwan, West Bengal, India	An Efficient Lagrange Interpolation Polynomial Based Reversible Data Hiding Scheme Through Sub-Sampled Images	International
International Conference on Computer and Management (ICCM - 2015)	December 16-17, 2015	Hotel Park Regent, Jaipur, Rajasthan, India.	An Efficient Weighted Matrix based Reversible Data Hiding Scheme	International
Mrs. Sabari Pramanik				
103rd Indian Science Congress	January 03–07,2016	Mysore	An Opposition Based differential Evolution to solve Multiple Sequence Alignment	National
Trends of Physiological researches from Laboratory to Community	March 30-31,2016	Midnapore	Sequence Alignment using population based evolutionary algorithm	National
Advanced Computation, Algorithm and Security	March 29-30,2016	Midnapore	Ant Colony Optimization: A survey	National
Mr. Utpal Nandi				
IEEE International Conference on Research in	November 20-22, 2015	Kolkata, West Bengal,	Fractal Image Compression With Adaptive	International

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Computational Intelligence and Communication Networks (ICRCICN 2015)		India	Quardtree Partitioning And Archetype Classification	
First International Conference on Intelligent Computing and Communication 2016 (ICIC^2 2016),	February 18-19, 2016	Kalyani, West Bengal, India	Wavelet-based image compression using SPIHT and Windowed Huffman coding with limited distinct symbol and its variant	International

b). Research Papers/ Books/ Articles/ Others published (2015-16)

i) Research Papers/ Articles/ Chapters in published Books:

Name of Faculty with co-authors (sequentially)	**Title of the Research paper**	**Name of the Journal, Vol. No., Year & pp. (ISSN/ISBN)**	**National/International, Impact factor /Citation Index**
Mr. Biswapati Jana			
Biswapati Jana	High payload reversible data hiding scheme using weighted matrix	Optik International Journal for Light and Electron Optics, ISSN **0030-4026** Vol. 127, No. 6, pp. 3347-3358, Elsevier	International, 0.677
Biswapati Jana, Debasis Giri and Shymal Kumar Mondal	Dual Image Based Reversible Data Hiding Scheme Using Three Pixel Value Difference (TPVD)	Information Systems Design and Intelligent Applications, Print ISBN 978-81-322-2750-2, Online ISBN 978-81-322-2752-6, pp. 403-412, Springer India.	International
Biswapati Jana, Debasis Giri and Shymal Kumar Mondal	Weighted Matrix Based Reversible Data Hiding Scheme Using Image Interpolation	Computational Intelligence in Data Mining, Print ISBN -978-81-322-2729-8, Online ISBN-978-81-322-2731-1 Volume 2, pp. 239-248, Springer India	International
Biswapati Jana	An Efficient Lagrange Interpolation Polynomial Based Reversible Data Hiding Scheme Through Sub-Sampled Images	Third International Conference on Computing and Systems (ICCS – 2016), pp.160-166, Excel India Publishers, Dept. of Computer Science, The University Of Burdwan.	International
Biswapati Jana, Debasis Giri and Shymal Kumar Mondal	An Efficient Data Hiding Scheme Using Hamming Error Correcting Code	ACM Proceedings of the Sixth International Conference on Computer and Communication Technology (ICCCT- 2015), pp. 360-365, ACM New York,	International

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		NY, USA 2015, ISBN: 978-1-4503-3552-2	
Biswapati Jana, Debasis Giri and Shymal Kumar Mondal	Dual Image based Reversible Data Hiding Scheme Using Pixel Value Difference With Exploiting Modification Direction	Advances in Intelligent Systems and Computing (AISC), Springer, 458, DOI 10.1007/978-981-10-2035-3_56	International
Biswapati Jana, Debasis Giri and Shymal Kumar Mondal	An Efficient Weight Matrix Based Reversible Data Hiding Scheme	Center for Global Management, California State University, San Bernardino (CSUSB), USA, SS Jain Subodh PG (Autonomous) College, Jaipur and International Association of Academicians (IAASSE) Open Web Application Security Project (OWASP)	International
Biswapati Jana, Debasis Giri and Shymal Kumar Mondal	Reversible Data Hiding Through Hamming Code Using Dual Image	Computer Society of India Udaipur Chapter and SIG e-Agriculture, SIG-WNs Division IV, V , Association of Computer Macheniry (ACM) Udaipur Chapter.	International
Mr. Utpal Nandi			
Utpal Nandi, Jyotsna Kumar Mandal	Fractal Image Compression With Adaptive Quardtree Partitioning And Archetype Classification	IEEE International Conference on Research in Computational Intelligence and Communication Networks (ICRCICN 2015), Kolkata, West Bengal, India ,20-22 November, 2015, PP. 56-60. (IEEE) (Electronic ISBN: 978-1-4673-6735-6, CD-ROM ISBN: 978-1-4673-6734-9)	International
Utpal Nandi, Jyotsna Kumar Mandal	Wavelet-based image compression using SPIHT and Windowed Huffman coding with limited distinct symbol and its variant	First International Conference on Intelligent Computing and Communication 2016 ($ICIC^2$ 2016), Kalyani, West Bengal, India , 18-19 February, 2016. (Springer) (ISBN=3319120123)	International
Mr. Uttam Kr. Mondal			
Uttam Kr. Mondal, J K. Mandal	Authentication of Audio Signals in Frequency Domain (AASF)	International Conference on Computer and Communication Technologies - IC3T 2015 , July 24 -26, 2015 at CMR Technical Campus,	International

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		Hyderabad, published by AISC series of Springer	
Mr. Prabhash Kr Singh			
Prabhash Kr Singh, Shyamal Kr Mondal,Manoranjan Maiti	A Hybridized Chemotactic Genetic Algorithm for Optimization	Journal of Computer Science Systems Biology,ISSN: 0974-7230 JCSB, an open access journal,Volume 9(2) 045-050 (2016),pp 45-50	International

ii) Books Published:

Name of Faculty with co-authors (sequentially)	Book	Name of the Publisher	Year	National/International
NIL				

c). Research Projects

(i) Research Projects Initiated during the year

SL. No.	Name of Faculty	Name of the Project	Inception	Funding Agency	Amount Sanctioned
1.	PI: **Biswapati Jana** Co-Investigator: Shyamal Kumar Mondal	Some Security Solutions based on Image Steganographic Techniques	June, 2015	UGC	Rs. 95000
2.	PI: Asmita Bhattachrya, Co-Investigator: **Biswapati Jana**	Prospects of Growth of IT/ITes in an Urban periphery: A Sociological study	June, 2015	UGC	Rs. 62000
3.	**Sabari Pramanik**	DNA Cryptography in desktop based high performance computing environment	April, 2015	UGC Innovative	Rs. 70,000.00

c). (ii) Research Projects completed during the year

SL. No.	Name of Faculty	Name of the Research Project	Funding Agency	Amount Sanctioned
NIL				

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d). Consultancy Extended

SL. No.	Name of Faculty	Consultancy Extended to	Area of Consultancy	Duration	Amount
NIL					

e). MOU/Collaboration

SL. No.	Name of Faculty/ Department	Name of the Organization/Institute with which MOU/Collaboration is signed	Duration	Subject
NIL				

f). Patents Generated

Name of Faculty	Topic	Patent Registration No.
NIL		

g). Faculty Members visited outside organization like UGC, CSIR, DST, ICSSR, UPSC as experts/ Visiting Fellow

SL. No.	Name of Faculty	Period of visit	Purpose	Name of the Organization
NIL				

h). Faculty Members attended Refresher / Orientation courses.

SL. No.	Name of Faculty	Topic of the Refresher/ Orientation course	Duration	Organized by	Sponsored by
NIL					

06. Foreign students in the Department (if any)

Name of the Student	Home Country	Year/Semester	Year Admitted
NIL			

07. Research Scholars in the Department

a). Research Scholars awarded Ph.D. during the year 2015 – 2016

SL. No.	Name of scholar	Name of the Supervisor	Title of the Thesis
NIL			

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b). Research Scholars Registered during the year (2015 - 2016)

SL. No.	Name of scholar	Name of the Supervisor	Title of the Thesis
NIL			

08. a) Seminars/ Symposia/ Workshop/ Special Lectures organized in the Department during the year.

SL. No.	Name of the Seminar/ Symposia/ Workshops/ Special Lectures	Duration	Funding Agency
1.	Advanced Computation, Algorithm and Security (ACAS-2K16)	29^{th} – 30^{th} March, 2016	UGC

08. b) Visiting Fellow: Name, Designation and Tenure of the work - NIL

09. New Academic Programmes Initiated (if any) - NIL

10. Whether there is any change in the curriculum during the year; - NIL

11. Whether any Examination Reform has been implemented during the year; if any please give the details. - NIL

12. Honours and Awards to the Faculty Members during the year. - NIL

13. Whether the Dept. has received SAP, CONSIST, ASSIST, DST-FIST etc. during the period. If yes please give the details. - NIL

14. Highlights of the Department:

15. Others (if any)

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DEPARTMENT OF ELECTRONICS

01. Name of the Department: Electronics

02. Name of the Teachers with Designation.

Sl No	Name of the Teacher holding the Post	Present Designation	Area of Specialization
1	Dr. Subhas Chandra Saha	Assistant Professor	SolarPhotovoltaics,Material Sciences, Optical Fibre Communication
2	Mr. Sutanu Dutta	Assistant Professor	Semiconductor Devices
3	Mrs. Susmita Bala	Assistant Professor	VLSI design and Microelectronics Technology
4	Dr. Rajendra Prosad Ghosh	Assistant Professor	Microwave
5	Mr. Aswini Kumar Mallick	Assistant Professor (on Contract)	Fiber optics
6	Dr. Sanchita Pramanik	Assistant Professor (on Contract)	Fiber optics

03. Examination Results (Final Examination) 2015

Name of the Exam.	No. candidates appeared	No. of candidates obtained First class	No. of candidates obtained Second class
Semester IV	22	19	2

04. Number of successful candidates appearing in NET, GATE, SET and other remarkable examinations.(2015-16)

NET	GATE	SET	Others
01	0	0	0

05. Teacher-wise record for the period (April 2015 to March 2016)

c) Participation in the Seminars / Symposia/ Workshops (Name of Co-Authors not required)

Name of the Seminar/Symposia/ Workshop	Duration	Held at	Title of the Paper Presented	National/ International
Dr. Subhas Chandra Saha				
"Remote Sensing, Image Processing, MEMS, Solar Cell, Photonics and OFC"	Sep. 8-9, 2015	Calcutta Institute of Tecnology , Ulberia, WB, India	Nanocrystaline Silicon Thin Film Solar Cell. (Invited Talk)	State Level

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"Teaching with Tecnology"	Oct. 01-09, 2015	Computer Centre , Vidyasagar University	Participant	International
Application and Development of e-Learning Platform in University – Module.	March 09-10, 2016	Computer Centre , Vidyasagar University	Participant	National
Theory and Applications of Advanced Materials.	March 15-17, 2016	Dept. of Physics, Vidyasagar University	Participant	National
Sutanu Dutta				
Theory and Applications of Advanced Material	March 15-17, 2016	Dept. of Physics, Vidyasagar University	A comparative analysis on the thermionic current of reduced dimensional Schottky contact	National
Susmita Bala				
National Conference on Frontline Research in Computer, Communication and Device	29-30 Dec, 2015	RCC Institute of Information Technology TEQIP II	Design of Compact Microstrip Antenna Using Fractal geometry	National
National conference on Materials, Devices and Circuits in Communication Technology (MDCCT 2016)	February 19-20, 2016	The University of Burdwan	Gain Enhancement of a Compact Antenna Using Dielectric Slab	National
Dr. Rajendra Prosad Ghosh				
International Conference on Microelectronics, Communication & Computing (MicroCom 2016)	January 23 - 25, 2016	National Institute Of Technology Durgapur Mahatma Gandhi Avenue, Durgapur – 713209, India	Multiband wearable antennas	International
Aswini Kumar Mallick				
"International year of light and light based technologies - 2015	2nd February to 3rd February, 2016	Barrackpore Rastraguru Surendranath College	A Brief Journey of Fiber Optics (Invited Talk)	National
Dr. Sanchita Pramanik				
SERB School on	June 01	Department of	Participate	National

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Optical Metrology	to June 21, 2016	physics, Tezpur University, Tezpur, Assam		

b) Research Papers/ Books/ Articles/ Others published (2015-16)

i) Research Papers/ Articles/ Chapters in published Books:

Name of the faculty with co-authors (sequentially)	Title of the Research Paper	Name of the Journal, Vol. No., Year & pp. (ISSN/ISBN)	National/ International, Impact Factor/ Citation Index
Sutanu Dutta			
Sutanu Dutta, Sayantan Sinha, Arijit Panda	Application of Scottkey Diode as a temperature Sensor	Journal of Physical Science, Vol. 20, page 189, 2015	
Susmita Bala			
S. Bala, A.Banerjee, M.Mahapatra, B,Rana	Design of Compact Microstrip Antenna Using Fractal geometry	ISBN:978-93-8592-600-0,page:110-115,2015	National
S.Bala B.Rana,P.Sarkar	Gain Enhancement of a Compact Antenna Using Dielectric Slab	ISBN:978-93-85775-03-01, Page:45-48,2016	National
Rajendra Prosad Ghosh			
Sofikul Islam, R.P.Ghosh	Multiband Wearable antennas	International Conference on Microelectronics, Communication & Computing (MicroCom 2016), NIT , Durgapur . **Electronic ISBN:** 978-1-4673-6621-2	
Abhijit Pal, R.P.Ghosh	Gain Enhancement of Printed Dipole Antennas using Reflector.	URSI-Regional Conference in Radio Science (2015) November 16-19, 2015, JNU, New Delhi.	
Gadhadhar Chandra Patra, R.P.Ghosh	Evaluation of Specific absorption Rate of Papaya Fruit (Carica Papaya) exposed to Radio Wave following ICNIRP guidelines.	URSI-Regional Conference in Radio Science (2015) November 16-19, 2015, JNU, New Delhi.	
Sanchita Pramanik			
Prosenjit Roy	A simple and elegant	Journal of Modern	International,

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Chowdhury, Sanchita Pramanik and Somenath Sarkar	technique connecting Marcuse spot size relations to variational formulations in single-mode fiber characterization	Optics, Taylor and Francis, Vol. 63, No. 6, 2016, pp.580-585, ISSN- 0950 0340	Impact factor-1.267, Citation Index-1.21 (citation per doc.)
Anup Karak, Sanchita Pramanik and Somenath Sarkar	Effect of lower and upper parabolic dips in refractive index profile on performance of coaxial fiber Raman gain amplifier"	Optical Engineering, Vol. 55, No. 3, 2016, pp. 036103-1 – 036103-10, ISSN: 0091-3286	International, Impact factor-0.984, Citation Index-1.05 (citation per doc.)

ii) Books Published: Nil

Name of the faculty with co-authors (sequentially)	Book	Name of the Publisher	Year	National/ International
(Name of the faculty)				

c) Research Projects

(i) Research Projects Initiated during the year

SL. No.	Name of the Faculty	Name of the Project	Inception	Funding Agency	Amount Sanctioned.
1.	Sutanu Dutta	Performance of Metal Semiconductor Diode in Temperature Sensing	March 2015	UGC (UGC Innovative Research Scheme of Vidyasagar University)	Rs. 90,000
2.	Rajendra Prosad Ghosh	Effect of Cell Tower Radiation on agricultural Products.	March 2015	UGC (UGC Innovative Research Scheme of Vidyasagar University)	Rs. 1,00,000
3.	Dr. Sanchita Pramanik	Investigations on single mode conventional and photonic nano optical fibers and associated devices	From 17/06/2015 to 31/03/2017	UGC (UGC Innovative Research Scheme of Vidyasagar University)	Rs. 40,000/-

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(ii) Research Projects completed during the year: Nil

SL. No.	Name of the Faculty	Name of the Project	Funding Agency	Amount Sanctioned.
1.				

d) Consultancy Extended Nil

SL. No.	Name of the Faculty	Consultancy Extended to	Area of Consultancy	Duration	Amount
1.					

e) MOU/Collaboration:

SL. No.	Name of the Faculty/Department	Name of the Organization/ Institute with which MOU/ Collaboration is signed	Duration	Subject
1.				

f) Patents Generated:

Name of the Faculty	Topic	Patent Registration No.

g) Faculty Members visited outside Organization like UGC, CSIR, DST, ICSSR, UPSC as experts/ Visiting Fellow

SL. No.	Name of the Faculty	Period of visit	Purpose	Name of the organization

h) Faculty Members attended Refresher/Orientation courses

SL. No.	**Name of the Faculty**	**Topic of the Refresher/ orientation course**	**Duration**	**Organized by**	**Sponsored by**
1.	Sutanu Dutta	Management for a better Societal Environment-A Socio-Technical approach	3rd – 24th July, 2016	Dept. of Civil Engineering, Jadavpur University	UGC
2.	Susmita Bala	Orientation Program	7th Sep.- 7th oct. 2015	UGC-HRDC, Jadavpur University	UGC

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06. Foreign students in the Department (if any)

Name of the student	Home Country	Year / Semester	Year Admitted

07. Research Scholars in the Dept.
a) Research Scholars awarded Ph.D. during the year 2015-16

SL. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis

b) Research Scholars Registered During the Year (2015-16)

SL. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1			

08. a) Seminars/ Symposia/ Workshop/Special Lectures organized in the Department during the year.

SL. No.	Name of the Seminar/ Symposium/ Workshop/Special Lectures	Duration	Funding Agency
1.			
2.			

b) Visiting Fellow: Name, Designation and Tenure of the Work: Nil

09. New Academic Programs Initiated (if any): Nil

10. Whether there is any change in the Curriculum during the year: Nil

11. Whether any Examination Reform has been implemented during the year; if any please give the details: Nil

12. Honours and Awards to the Faculty Members during the year: Nil

13. Whether the Dept. has received SAP, COSIST, ASSIST, DST-FIST etc. during the period. If yes please give the details: Nil

14. Highlights of the Department.

15. Others (if any).

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DEPARTMENT OF GEOGRAPHY AND ENVIRONMENT MANAGEMENT

01. Name of the Department: Geography and Environment Management

02. Name of the Teachers with Designation

Sl No	Name of the Teacher holding the Post	Present Designation	Area of Specialization
1	Dr. Ashis Kr. Paul	Professor	Geomorphology
2	Dr. Ramkrishna Maiti	Professor	Advanced Geomorphology
3	Dr. Nilanjana Das Chatterjee	Associate Professor	Environment, Biogeography, Social and Cultural Geography
4	Mr. Kausik Ghosh	Assistant Professor	RS & GIS, Fluvial Geomorphology

03. Examination Results (Final Examination) 2015

Name of the Exam.	No. candidates appeared	No. of candidates obtained First class	No. of candidates obtained Second class
Semester IV	64	58	5

04. Number of successful candidates appearing in NET, GATE, SET and other remarkable examinations.(2015-16)

NET	GATE	SET	Others
18			

05. Teacher-wise record for the period (April 2015 to March 2016)
a) Participation in the Seminars / Symposia/ Workshops (Name of Co-Authors not required)

Name of the Seminar/Symposia/ Workshop	Duration	Held at	Title of the Paper Presented	National/ International
Dr. Ramkrishna Maiti				
Workshop on Methodology of Fluvial Research and Software Handling	06-08th October, 2015	Dept. of Geography, University of Gourbanga, Maldah	Empirical Methods in Fluvial Research - Some Experiences	International
UGC- Sponsored Two-Day National Seminar	09-10th October,	Dept. of Geography,	Land Reclamation and Consequent	National

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on 'Coastal Erosion, Management and Economic Development'	2015	Ramnagar College, PurbaMedinipur	Impact on Estuarine Processes – A study on Indian Sundarbans	
28th IGI Conference and National Seminar on Human Impact on Landscape	29-31st October, 2015	Dept. of Geography, North Eastern Hill University (NEHU)	Understanding Geomorphic Thresholds through Empirical Studies	National
Month Long Special Lecture Series	05.02.2016	Post-Graduate Dept. of Geography, Bijoy Krishna Girls College, Howrah	Philosophical Issues in Geography	State level
5th Professor SubhasRanjanBasu Memorial Lecture	05.02.2016	The Geographical Society of India, Kolkata	Observation and Experiments in Geographical Research- Some experiences	State level
Winter School on 'Gender Women and SocietyDebates and Development' (5-25th January, 2016)	11.01.2016	Women's Studies Centre, Vidyasagar University	Panel discussion on "Impacts of Environmental Degradation on Women- Studies in Indian Sundarbans and Darjiling Municipality."	National
One Day Special	25.01.2016	Dept. of Geography, Kharagpur College, PaschimMedinipur	Watershed Management in the Context of Global Climate Change- A study on Bankura District, West Bengal	State level
Refresher Course on 'Disaster Management'	29.02.2016	Academic Staff College, University of Calcutta	Understanding Hazard through Realism Perception and Decision making at Flood Prone areas	National
Dr. Nilanjana Das Chatterjee				
UGC sponsored National Seminar	13-14 February,2015	Department of Geography and Applied Geography,	Sand mining and its hydro-ecological consequences…	National

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		University of North Bengal	Mukutmonipur to Chouka	
DRS sponsored National Seminar	27-28 March 2015	Department of Geography, Calcutta University,	Urban Sprawling and Changing Landuse in Bhubaneswar City	National
Foundation of Practicing Geographers	06-7 February 2015	Kolkata	Tribal Livelihood Pattern And Sharing Of Natural Resources ..Medinipur District, West Bengal	National
Indian Association of Geomorphologists 28th IGI Conference	29th-31st October 2015	NEHU Shillong, Meghalaya	Characterization of Granitic profiles by weathering process as a Geophysical and Geochemical Alteration of rocks in Southern Purulia District, West Bengal	National
UGC Sponsored seminar	24.03.2015	Women Studies Centre,VU	Actively Participated	National
UGC Sponsored Seminar	25-26 February,2015	Egra SSB College	Landscape Ecological analysis and characterization of animal migration	National
UGC Sponsored Seminar	02-03 December,2015	Bankura Christian College	Man-Environment Relation: Some Case Studies	National
Workshop on Capacity Building of Women Managers in Higher Education	17.02.2015-22.02.2015	Kalyani University and Rajib Gandhi National Institute of youth Development	Capacity Building of Women Managers in Higher Education	National
Short Term Course on Teaching with Technology	10.10.2015-16.10.2015	Vidyasagar University and Microsoft	Teaching with Technology	National
9th IGU Conference	18.03.2016-20.03.2016	SaheedBhagat Singh College, Delhi University.	Landuse Change and the Migration of elephants: A Case of Elephant Migration in	International

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			Dalma-PanchetForest Division,India	
23 rd west Bengal State Science Congress	28.02.2016-29.02.2016	Presidency University	Environmental Degradation of Eco-Sensitive Zones…Dalma Wildlife Sanctuary	State Level
SERB Sponsored National Seminar	27.02.2016	SukumarSenguptaMahavidyalaya. Keshpur	Actively Participated	National
UGC sponsored International Seminar	30.08.2016	GourBanga University	Urban Landscape Ecology and Land pricing through Application of Hedonic Pricing Model: A Study of Gangtok Town, Sikkim, India	International
Mr. Kausik Ghosh				
Panelist of the Panel discussion on Women and Environment WINTER SCHOOL	11/01/2016	Women's Studies Centre, Vidyasagar University	Perception of women and environment: A case study of River Teesta	National
28th IGI Conference	29-31 October, 2015	NEHU, Shillong	Sedimentary facies characterization and comparison from the sandy deposits of the River Teesta	National
Microsoft Global Educator Exchange (E2)	April, 2015	Microsoft, Redmond, WA, USA	Represent India in HED	International
Dr. Ashis Kr. Paul				
UGC sponsored national Seminar	9th& 10th 2015	Ramnagar College	Coastal erosion management and economic development in WB &Odisha state	National
UGC sponsored national Seminar	25th& 26th Feb, 2015	Egra SSB College	Ten years after Tsunami in little Andaman ; A reconstruction phase	National

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b) Research Papers/ Books/ Articles/ Others published (2015-16)

i) Papers/ Articles/ Chapters in published Books:

Name of the faculty with co-authors (sequentially)	Title of the Research Paper	Name of the Journal, Vol. No., Year & pp. (ISSN/ISBN)	National/ International, Impact Factor/ Citation Index
Dr. Ashis Kr. Paul			
Bishnupriya Basak, Ashis Kr. Paul & Sujit Dasgupta	Geomorphological investigations in the Ayodhya Hills	PratnaSamikha- A journal of Archaeology, ISSN 2229-7979, V.N.6 Year-2015 CAST, Kolkata	National
Dr. RamkrishnaMaiti			
Pravat Kumar Shit, Rumpa Paira, and Gouri Sankar Bhunia **& Ramkrishna Maiti**	Modeling of potential gully erosion hazard using geo-spatial technology at Garbheta block, West Bengal in India,	Modeling Earth Systems and Environment (2015), Vol1(2), pp.1-16, (ISSN 2363-6203) DOI 10.1007/s40808-015-0001-x **(Springer)**	*International Peer Reviewed Journal*
AbhijitManna & **Ramkrishna Maiti**	Alteration of Surface Water Hydrology by Opencast Mining in the Raniganj Coalfield Area, India,	Mine water and the Environment ISSN 1025-9112 (Springer), DOI 10.1007/s10230-015-0342-8	*International Peer Reviewed Journal*
Pravat Kumar Shit, RumpaPaira, and GouriSankarBhunia **&RamkrishnaMaiti**	Soil crack morphology analysis using image processing techniques, *Model. Earth Syst. Environ*	*Model. Earth Syst. Environ. (*2015) 1:1-7; ISSN 2363-6203; DOI 10.1007/s40808-015-0036-z **(Springer)**	*International Peer Reviewed Journal*
Pravat Kumar Shit, RumpaPaira, and GouriSankarBhunia **& Ramkrishna Maiti**	Farmers' Perceptions of Soil Erosion And Management Strategies in South Bengal in India ,	European Journal of Geography , Volume 6, Number 2:85 -100, June 2015, Association of European Geographers, ISSN 1792-1341	*International Peer Reviewed Journal*
Pravat Kumar Shit, RumpaPaira, GouriSankarBhunia **&Ramkrishna Maiti**	Potential Landslide Susceptibility Mapping Using Weighted Overlay Model (WOM)	Modeling Earth Systems and Environment (2016), Vol2(1), 1-10, (ISSN 2363-6203) DOI 10.1007/s40808-016-0078-x **(Springer)**	*International Peer Reviewed Journal*
Pravat Kumar Shit and Gouri Sankar Bhunia **& Ramkrishna Maiti**	Spatial Variability of Soil Organic Carbon Under different Landuse using Radial Basis Function (RBF)	Modeling Earth Systems and Environment (2016), Vol 2(1), 1-08, (ISSN 2363-6203) DOI	*International Peer Reviewed Journal*

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		10.1007/s40808-015-0070-x **(Springer)**	
Pravat Kumar Shit and Gouri Sankar Bhunia **& Ramkrishna Maiti**	An Experimental Investigation of Rill Erosion Processes in Lateritic Upland Region : A Pilot Study	Eurasian Journal of Soil Science 2016, 5(2)(e-ISSSN 2147 – 4249) DOI: http: // dx.doi.org/10.18393/ejss.2016.2.121-131.	*International Peer Reviewed Journal*
Pravat Kumar Shit, RumpaPaira, Gouri Sankar Bhunia **& Ramkrishna Maiti**	Comparison of GIS-BASED Interpretation Methods for Spatial Distribution of Soil Organic Carbon (SOC)	Journal of the Saudi Society of Agricultural Science (ISSN 1658-077X), **ELSEVIER** , doi: http: // dx.doi.org/10.1016/j.jssas.2016.02.001	*(International Peer Reviewed Journal)(In Press).*
Sujit Mondal **& Ramkrishna Maiti**	Application of Frequency Ratio (FR) Model in Landslide Susceptibility Zoning of the Shivkhola Watershed, Darjiling Himalaya.	Indian Journal of Geography and Environment, (ISSN 0972-7388), 14(2015), 16-25	*International Peer Reviewed Journal*
Suman Bera **& Ramkrishna Maiti**	Spatial and Temporal Variability of Pre-Monsoon Rainfall during 1950-2000 in Ganga Basin, India and Bangladesh.	Indian Journal of Geography and Environment, (ISSN 0972-7388), 14(2015), 53-62.	*National*
Prasenjit Bhunia **& Ramkrishna Maiti**	Identifying Threshold Rainfall Limit by Using Three Drought Indices of Bankura District	Indian Journal of Research in Multidisciplinary Studies (ISSN 2348-2524), Vol 3 No. 1 Feb, 2016 pp.52-65	*National*
Dr. Nilanjana Das Chatterjee			
Rajkumar Bhattacharya, **Nilanjana Das Chatterjee** and Gour Dolui	Sand Mining and its Hydro-ecological consequences: A case study on Kangsabati River.	Application of Geospatial Technology for Sustainable Development ISBN:978-81-921692-7-9	National
Nilanjana Das Chatterjee, Soumendu Chatterjee and Ansar Khan	Spatial modeling of urban sprawl aroundGreater Bhubaneswar city, India	Modeling Earth Systems andEnvironment Volume 2Number 1 Model. Earth Syst. Environ. (2016) 2:1-21 DOI 10.1007/s40808-015-0065-7 ISSN 2363-	Peer reviewed International

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		6203**Springer**	
Koushik Mondal, Soumendu Chatterjee and **Nilanjana Das Chatterjee**	Delineating Sphere of Urban Influence: The Case of Three Early Urban Centres of Eastern India	IOSR Journal Of Humanities And Social Science (**IOSR-JHSS)** Volume 20, Issue 11, Ver. IV (Nov. 2015) PP 91-100 e-ISSN: 2279-0837, p-ISSN: 2279-0845	Peer reviewed **1.607** Impact International
Swatilekha Parihari and **Nilanjana Das Chatterjee**	Tribal Livelihood Pattern .. PaschimMedinipur District, West Bengal	Practising Geographers, Journal of Indian Geographical Foundation, Kolkata ISSN0972-7388	Peer reviewed
Biswajit Mondal, Gour Dolui,**Nilanjana Das Chatterjee**	Inter-State Disparity and Causality Test for India through Human Development Indicators	Indian Journal of Geography and Environment Vol 14 ISSN 0972-7388	peer reviewed
Mrinmoy Mondal, **Nilanjana Das Chatterjee** and Jayanta Hazra	Elephant Migration and Colonization in Bankura District,WestBengal, India	Indian Journal of Geography and Environment Vol 14 ISSN 0972-7388	peer reviewed
Gour Dolui, Soumendu Chatterjee and **Nilanjana Das Chatterjee**	Geophysical and geochemical alteration of rocks in granitic profiles during intense weathering in southern Purulia district, West Bengal, India	Modeling Earth Systems and Environment September 2016, 2:132 ISSN: 2363-6203 (print version) ISSN: 2363-6211 (electronic version) **Springer**	Peer reviewed International
Rajkumar Bhattacharya, **Nilanjana Das Chatterjee** and GourDolui	Grain size characterization of instream sand deposition in controlled environment in river Kangsabati, West Bengal	Modeling Earth Systems and Environment September 2016, 2:118 ISSN: 2363-6203 (print version) ISSN: 2363-6211 (electronic version) **Springer**	Peer reviewed International
Nilanjana Das Chatterjee	জীববৈচিত্র্যসংরক্ষণএউপজাতিসংস্কৃতির ভূমিকা:একটিক্ষেত্রপর্যবেক্ষণ	Prokriti, published by Kobitikapp- 44-50-2015 ISBN978-93-85248-03-0	Edited Book National
Mr. Kausik Ghosh			
KausikGhosh	Sandy macroforms dynamics and one dimensional facies characterization of the	Indian Journal of Geography and Environment, Vol: 14 (2015) 1-15, ISSN:	National

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	River Teesta	0972-7388	

ii) Books Published:

Name of the faculty with co-authors (sequentially)	Book	Name of the Publisher	Year	National/ International
Dr. Ashis Kr. Paul				
N.K. Barman, S.C. Chatterjee & Ashis Kr. Paul	Coastal Morphodynamics	Springer, ISSN- 2211-4165	2016	International
Dr. Ramkrishna Maiti				
Dr. Ramkrishna Maiti	Modern Approach to Fluvial Geomorphology	Primus Book (An Imprint of RatnaSagar Pvt. Ltd),ViratBhaban, Mukherjee Nagar Commercial Complex, New Delhi,110009 (ISBN-978-93-84082-47-5).	2015	National
Dr. Nilanjana Das Chatterjee				
Dr. Nilanjana Das Chatterjee	Man Elephant Conflict: A case study from forests in West Bengal, India	**Springer Briefs** in Environmental Science ISSN 2191-5547 ISSN 2191-5555 (electronic) ISBN 978-3-319-31161-6 ISBN 978-3-319-31162-3 (eBook) DOI 10.1007/978-3-319-31162-3	2016	International

c) Research Projects

(i) Research Projects Initiated during the year

SL. No.	Name of the Faculty	Name of the Project	Inception	Funding Agency	Amount Sanctioned.
1.	Dr. Ramkrishna Maiti	Rainwater Harvesting in Vidyasagar University campus- an assessment of the necessity and visibility	2015-2017	Funded by Vidyasagar University under Innovative Research scheme	75000/-
2.	Mr. K Ghosh	Dynamics of sandy	2015 –	Vidyasagar	75,000/-

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		braided landform of the lower Teesta River, West Bengal	2017	University, Innovative Research Grant.	

(ii) Research Projects completed during the year

SL. No.	Name of the Faculty	Name of the Project	Funding Agency	Amount Sanctioned
1.	Dr. Nilanjana Das Chatterjee	Nature of Man –Elephant Conflict in Panchet Forest Division,Bankura,W.B: An Interdisciplinary Approach	ICSSR	6.47

d) Consultancy Extended

SL. No.	Name of the Faculty	Consultancy Extended to	Area of Consultancy	Duration	Amount
1.					

e) MOU/Collaboration

SL. No.	Name of the Faculty/Department	Name of the Organization/ Institute with which MOU/ Collaboration is signed	Duration	Subject
1.	**Dr. Ashis Kr. Paul**	Dept. of Archaeology, University of Calcutta	2 Year	Geo-Archaeology

f) Patents Generated

Name of the Faculty	Topic	Patent Registration No.

g) Faculty Members visited outside Organization like UGC, CSIR, DST, ICSSR, UPSC as experts/ Visiting Fellow

SL. No.	Name of the Faculty	Period of visit	Purpose	Name of the organization
1.	**Dr. Ashis Kr. Paul**	March, 2016 April, 2016	Resource Person in R.C. (UGC sponsored) Resource Person in R.C. (UGC sponsored)	Burdwan University University of Calcutta

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h) Faculty Members attended Refresher/Orientation courses

SL. No.	Name of the Faculty	Topic of the Refresher/ orientation course	Duration	Organized by	Sponsored by
1.	Dr. Nilanjana Das Chatterjee	Winter School on "Gender, Women and Society: Debates and Developments"	5th january2016 to 25th January 2016	Womens Studies Center ,Vidyasagar University	UGC

06. Foreign students in the Department (if any)

Name of the student	Home Country	Year / Semester	YearAdmitted

07. Research Scholars in the Dept.
a) Research Scholars awarded Ph.D. during the year 2015-16

SL. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1	Animesh Majee	Dr. Ramkrishna Maiti	Embankment Breaching and Living Conditions of Sandeshkhali – II and Hingalganj Block of Sundarban – A Geoinformatic Appraisal
2	Swati Ghosh	Dr. Ashis Kr. Paul	Env. Geomorphology of Andaman Coastal Resource Management of S. Andaman Coastal Sand dunes of Odisha state.
3	Swagata Bera	Dr. Ashis Kr. Paul	Coastal resource management and carrying capacity analysis of south Andaman. .. ……..
4	Dipanjan Das Majumder	Dr. Ashis Kr. Paul	Geomorphology, vulnerability's and ecology of coastal sand dunes of Odisha State.

b) Research Scholars Registered During the Year (2015-16)

SL. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1	Anwesha Banerjee	Dr. Ramkrishna Maiti	Agricultural Problem in West Bengal - A Regional Scale Study to Formulate Future Strategy
2	Rakesh Bera	Dr. Ramkrishna	Land Claim and Impact on Estuarine

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		Maiti	Process – A Case Study on Indian Sundarbans
3	Priyanka Biswas	Dr. Nilanjana Das Chatterjee	A Geographical Analysis of Crime Against women in the Selected Districts of West Bengal
4	Jasmin Parvin	Dr. Ashis Kr. Paul	Climate Change and Livelihood Vulnerability.

08. a) Seminars/ Symposia/ Workshop/Special Lectures organized in the Department during the year.

SL. No.	Name of the Seminar/ Symposium/ Workshop/Special Lectures	Duration	Funding Agency
1.	National Seminar on "Contextualising Issues on Applied Geography "	4-5th March, 2016	ICSSR & UGC

b) Visiting Fellow: Name, Designation and Tenure of the Work

09. New Academic Programs Initiated (if any)

10. Whether there is any change in the Curriculum during the year.

- Syllabus for Post-Graduate course was Revised to introduce Choice-Based Credit System

11. Whether any Examination Reform has been implemented during the year; if any Please give the details.

12. Honours and Awards to the Faculty Members during the year.

* Learner of the Microsoft Innovation Education Learner Award (MIELA), 2015, Microsoft India

13. Whether the Dept. has received SAP, COSIST, ASSIST, DST-FIST etc. during the period. If yes please give the details.

14. Highlights of the Department.

1. Organised National Seminar on "Contextualising Issues on Applied Geography" during 4-5th March 2016.
2. Organised Blood Donation Camp where almost 50 Students of the Department donated Blood for social cause under NSS on 31.03.2016.
3. Organised Health-Checkup and Free Medication Programme in Khairullachawk Village under NSS- Outreach Activities on 20.03.2016

15. Others (if any).

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DEPARTMENT OF HUMAN PHYSIOLOGY WITH COMMUNITY HEALTH

01. Name of the Department: Human Physiology with Community Health

02. Name of the Teachers with Designation:

Sl. No.	Name of the Teachers	Designation	Area of Specializations
1.	Prof. Somenath Roy	Professor	Immunology, Nanotoxicology, Parasitology, Drug Delivery, Molecular Biology
2.	Prof. Prakash Chandra Dhara	Professor	Ergonomics Sports Physiology Computer Application In Biology Community Health
3.	Dr. Chandradipa Ghosh	Professor	Microbiology, Molecular Biology & Genetic Engineering, Biochemistry, Community Health
4.	Dr. Sujata Maiti (Choudhury)	Associate Professor	Biochemistry, Cancer Biology, Environmental Toxicology, Pharmacology, Molecular Endocrinology And Community Health.
5.	Dr. Sandip Kumar Sinha	Assistant Professor	Biophyscis And Experimental Physiology , Community Health And Nutrition
6.	Dr. Sumana Sarkhel	Assistant Professor	Biophyscis And Experimental Physiology, Community Health And Nutrition

03. Examination Results (Final Examination), 2015

Name of the Exam.	No. candidates appeared	No. of candidates obtained First class	No. of candidates obtained Second class
Semester IV	38	30	08

04. Number of successful candidates appearing in NET, GATE, SET and remarkable examinations (2015 -16)

05. Teacher-wise record for the period (April 2015 to March 2016)

a) Participation/Paper Presentation in the Seminars / Symposia/ Workshops
(Name of co – authors not required)

	Name of the Seminar/ Symposia/ Workshop	Duration	Held at	Title of the paper presented	National / International
Prof. Somenath Roy					
1.	103rd Indian	3rd – 7th Jan	University	Banik, A., **Roy, S.** A	**National**

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	Science Congress; Section of Medical Sciences (Including Physiology)	2016.	of Mysore, Mysuru	molecular approach for the detection of SP resistant *P. vivax* in Kolkata, West Bengal.	
2.	103rd Indian Science Congress; Section of Medical Sciences (Including Physiology)	3rd – 7th Jan 2016.	University of Mysore, Mysuru	Das, B., Adhikary, J., Mandal, D., Dash, S.K., Tripathy, S., Chattopadhyay, S., Das D.,**Roy, S.** Nanoconjugated erythromycin enhances the bacterial cell DNA damage via reactive oxygen species generation. In: 103rd Indian Science Congress; Section of Medical Sciences (Including Physiology); Organized by University of Mysore, Mysuru 3rd – 7th Jan 2016.	**National**
3.	103rd Indian Science Congress; Section of Medical Sciences (Including Physiology);	3rd – 7th Jan 2016.	University of Mysore, Mysuru	Mandal, D., Das, B., Dash, S.K., Ghosh, T., Chattopadhyay, S., Das, S., Das D., **Roy, S.** Synthesis of Silver nanoparticles using *Cantharanthusroseus* leaves extract and their anti-malarial activities.	**National**
4.	103rd Indian Science Congress; Section of Medical Sciences (Including Physiology);	3rd – 7th Jan 2016.	University of Mysore, Mysuru	Chattopadhyay, S., Dash, S.K., Mandal, D., Das, B.,Tripathy, S., Pramanik, P., **Roy, S.**Nanoparticles conjugated Cancer antigen initiates macrophage based antitumor immunotherapy.	**National**
5.	103rd Indian Science Congress; Section of Medical Sciences	3rd – 7th Jan 2016.	University of Mysore, Mysuru	**Roy, S.** Polymorphismof *Kelch13* 625R and *pfmdr1* 86Y associates	**National**

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	(Including Physiology);			artemisinin resistance in Eastern India.	
6.	UGC sponsored two day National seminar organized by Dept. of Human Physiology with Community Health.	30th and 31st March 2016.	Vidyasagar University, Midnapore, West Bengal, India	**Roy, S.** Anti leukemic efficacy of Doxorubicin loaded self assembled Betulinic acid: A versatile weapon for Cancer Therapy**.**	**National**
7.	UGC sponsored two day National seminar organized by Dept. of Human Physiology with Community Health.	30th and 31st March 2016.	Vidyasagar University, Midnapore, West Bengal, India	Dey, S. K., Dolai, D., **Roy, S.** Sodium Selenite attenuates chromium-induced membrane damage.In UGC sponsored two day national seminar organized by Dept. of Human Physiology with Community Health,Vidyasagar University, Midnapore, west Bengal, India on 30th and 31st March 2016.	**National**
8.	UGC sponsored two day National seminar organized by Dept. of Human Physiology with Community Health.	30th and 31st March 2016.	Vidyasagar University, Midnapore, West Bengal, India	Das, S., **Roy, S**. Past and present scenario of chloroquine resistant plasmodium falciparum malaria in eastern India. UGC sponsored two day national seminar organized by Dept. of Human Physiology with Community Health, Vidyasagar University, Midnapore, West Bengal, India on 30th and 31st March 2016.	**National**
9.	UGC sponsored two day National seminar organized by Dept. of Human Physiology with Community Health.	30th and 31st March 2016.	Vidyasagar University, Midnapore, West Bengal, India	Chattopadhyay, S., Manna, S., Majumdar, R., Dash, S. K., Dey, A., Das, B., Das, S., Mandal, D., Bag, B. G., **Roy, S**. Self-assembled nano-size arjunolic acid specifically inhibit	**National**

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				cancer cell growth by inducing matrix metalloproteinase 2 and 9. UGC sponsored two day national seminar organized by Dept. of Human Physiology with Community Health,Vidyasagar University, Midnapore, West Bengal, India on 30th and 31st March 2016.	
10.	UGC sponsored two day National seminar organized by Dept. of Human Physiology with Community Health.	30th and 31st March 2016.	Vidyasagar University, Midnapore, West Bengal, India	Chattopadhyay, S., Dash, S. K., Mandal, D., Das, B., Tripathy, S., Dey, A., Pramanik, P., **Roy, S**. Metal based nanoparticles as cancer antigen delivery vehicles for macrophage based antitumor vaccine. UGC sponsored two day national seminar organized by Dept. of Human Physiology with Community Health, Vidyasagar University, Midnapore, West Bengal, India on 30th and 31st March 2016.	**National**
11.	UGC sponsored two day National seminar organized by Dept. of Human Physiology with Community Health.	30th and 31st March 2016.	Vidyasagar University, Midnapore, West Bengal, India	Tripathy, S., Chattopadhyay, S., Dash, S. K., Das, B., Das, S., Mandal, D., **Roy,** S. Impact of CS-TPP conjugated chloroquine against plasmodium berghei NK65 induced apoptosis. UGC sponsored two day national seminar organized by Dept. of Human Physiology with Community	**National**

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				Health, Vidyasagar University, Midnapore, West Bengal, India on 30th and 31st March 2016.	
12.	UGC sponsored two day National seminar organized by Dept. of Human Physiology with Community Health.	30th and 31st March 2016.	Vidyasagar University, Midnapore, West Bengal, India	Dash, S. K., Chattopadhyay, S., Tripathy, S., Das, B., Bag, B. G., **Roy, S**. Amelorative effect of arjunolic acid against doxorubicin induced platelets toxicity. UGC sponsored two day national seminar organized by Dept. of Human Physiology with Community Health,Vidyasagar University, Midnapore, West Bengal, India on 30th and 31st March 2016.	**National**
13.	UGC sponsored two day National seminar organized by Dept. of Human Physiology with Community Health.	30th and 31st March 2016.	Vidyasagar University, Midnapore, West Bengal, India	Dey, A., Dash, S. K., Chattopadhyay, S., Das, B., Mandal, D., Manna, S., **Roy, S**. Eugenic synergizes doxorubicin induced apoptosis through ROS and TNF-alpha generation in breast cancer cell line and protects normal cells. UGC sponsored two day national seminar organized by Dept. of Human Physiology with Community Health,Vidyasagar University, Midnapore, West Bengal, India on 30th and 31st March 2016.	**National**
14.	UGC sponsored two day National seminar organized by Dept. of Human Physiology with	30th and 31st March 2016.	Vidyasagar University, Midnapore, West Bengal,	Das, B., Mandal, D., Dash, S. K., Chattopadhyay, S., Tripathy, S., Dey, A., Manna, S., Dolai, D.,	**National**

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	Community Health.		India	Dey, S. K., **Roy, S**. Green synthesized silver nanoparticles successfully kill multi drug resistance and virulent Pseudomonas aeruginosa strains through reactive oxygen species induced membrane damage. UGC sponsored two day national seminar organized by Dept. of Human Physiology with Community Health,Vidyasagar University, Midnapore, West Bengal, India on 30th and 31st March 2016.	
15.	UGC sponsored two day National seminar organized by Dept. of Human Physiology with Community Health.	30th and 31st March 2016.	Vidyasagar University, Midnapore, West Bengal, India	Mandal, D., Das, B., Dash, S. K., Chattopadhyay, S., Das, S., **Roy, S**. Combined efficacy of green synthesized silver nanoparticles and different antibiotics against multidrug-resistant *Proteus vulgaris* and *Enterococcus faecalis*. UGC sponsored two day national seminar organized by Dept. of Human Physiology with Community Health,Vidyasagar University, Midnapore, west Bengal, India on 30th and 31st March 2016.	**National**
16.	UGC sponsored two day National seminar	28-29th November 2015.	GLA University, Mathura	**Roy, S.** Detection and Treatment of Cancer Using Nano and Conventional Technologies.	**National**

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Prof. Prakash Chandra Dhara					
1.	UGC sponsored two day National seminar organized by Dept. of Human Physiology with Community Health.		Vidyasagar University.	Banerjee M. and **Dhara P.C**.: Direction of Motion Stereotypes of the illiterate and graduate females of Eastern India for the operation of some simple control-display units: a comparative study.	National
2.	UGC sponsored two day National seminar organized by Dept. of Human Physiology with Community Health.	30 – 31March, 2016.	Dept. of Human Physiology with Community Health, Vidyasagar University, Midnapore	Mahata H and **Dhara P.C**.: Evaluation of work related musculoskeletal disorder and risk of postural stress among women cultivators engaged in threshing task.	National
3.	UGC sponsored two day National seminar organized by Dept. of Human Physiology with Community Health.	30 – 31March, 2016.	Dept. of Human Physiology with Community Health, Vidyasagar University, Midnapore	Pal A, Das A M, Dey S, Maity P**,**Dolai S, and **Dhara P.C:** The Risk Factors of Low Birth Weight and Preterm Birth in Rural Areas of West Bengal: A Cross-Sectional Study.	National
4.	UGC sponsored two day National seminar organized by Dept. of Human Physiology with Community Health.	30 – 31March, 2016.	Dept. of Human Physiology with Community Health, Vidyasagar University, Midnapore	Pervin B and **Dhara P.C**.: Age Related Changes in Nutritional Status and Body Compositional Parameters among Adolescent Girls.	National
5.	UGC sponsored two day National seminar organized by Dept. of Human Physiology with Community Health.	30 – 31March, 2016.	Dept. of Human Physiology with Community Health, Vidyasagar University,	Banerjee M. and **Dhara P.C**.: Direction of motion stereotypes of the female students of West Bengal and Orissa for the operation of some	National

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			Midnapore	simple control-display units: a comparative study.	
6.	UGC sponsored two day National seminar organized by Dept. of Human Physiology with Community Health.	30 – 31March, 2016.	Dept. of Human Physiology with Community Health, Vidyasagar University, Midnapore	Das NK, Pal A, and **Dhara P.C:** A case-control study on pulmonary parameters and the occurrence chronic obstructive pulmonary diseases among the bell metal workers.	National
7.	UGC sponsored two day National seminar organized by Dept. of Human Physiology with Community Health.	30 – 31March, 2016.	Dept. of Human Physiology with Community Health, Vidyasagar University, Midnapore	Maity P**,** and **Dhara P.C**: Musculoskeletal disorders and postural stress of female mat weaver during adopting squatting posture and sitting on the floor with folded knees.	National
8.	UGC sponsored two day National seminar organized by Dept. of Human Physiology with Community Health.	30 – 31March, 2016.	Dept. of Human Physiology with Community Health, Vidyasagar University, Midnapore	Chatterjee M, Parai A and **Dhara P.C:** Effect of regular cycling on physical fitness, cardiovascular parameters and body composition of adult woman.	National
9.	103rd Indian Science Congress; Section of Medical Sciences (Including Physiology)	3- 7 Jan., 2016.	Mysore University, Mysuru,	**Dhara P.C** and Sengupta P**:** Ergonomic evaluation of motion related problems among elderly population.	National
10.	103rd Indian Science Congress; Section of Medical Sciences (Including Physiology)	3- 7 Jan., 2016.	Mysore University, Mysuru,	Chatterjee M, Maity P and **Dhara P.C:** Evaluation of musculoskeletal disorders of carpenters in relation to their nutritional status and age.	National
11.	103rd Indian	3- 7 Jan.,	Mysore	Maity P**,** Chatterjee	National

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	Science Congress; Section of Medical Sciences (Including Physiology)	2016.	University, Mysuru,	M and **Dhara P.C**: Evaluation of respiratory efficiency of brick kiln worker in relation to nutritional status.	
12.	103rd Indian Science Congress; Section of Medical Sciences (Including Physiology)	3- 7 Jan., 2016.	Mysore University, Mysuru,	Mahata H, Sengupta P, Banerjee M, De S. and **Dhara P.C**.: Gender variation of handgrip strength, pinch strength and push-pull strength in the population of West Bengal and Bihar.	National
13.	103rd Indian Science Congress; Section of Medical Sciences (Including Physiology)	3- 7 Jan., 2016.	Mysore University, Mysuru,	Banerjee M, Pal A, Mahata H and **Dhara P.C**.: Direction of motion stereotype of house wives of West Bengal and Bihar during operation of some domestically used control- display units.	National
14.	103rd Indian Science Congress; Section of Medical Sciences (Including Physiology)	3- 7 Jan., 2016.	Mysore University, Mysuru,	Pal A, Pervin B and **Dhara P.C**.: Relationship between Body Mass Index and Musculoskeletal disorders among women cultivators.	National
15.	XXVIIth Annual Conference of The Physiological Society of India (PSI) and the VIth Congress of the Federation of Indian Physiological Societies (FIPS) : FIPSPHYSICON-2015 on Translational	18-20 December, 2015		**Dhara P.C.:** Work related problems in agricultural sector: A comparative study on occupational stress between the workers engaged in rice cultivation and vegetable cultivation.	International

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	Physiology for Health Promotion, Organized by the Physiological Society of India,				
16.	International Ergonomics Conference, HWWE-2015, organized by Indian Institute of Technology	7-9 December, 2015.	Bombay	**Dhara P. C.,** Pal A, Maity P.,: Evaluation of job related stress of golden thread ("jori") workers and ergonomics intervention for reducing problem of the workstation	International
17.	International Ergonomics Conference, HWWE-2015, organized by Indian Institute of Technology	7-9 December, 2015.	Bombay	Chatterjee M, Jana T, Pal A, **Dhara P.C**: Evaluation of work related musculoskeletal disorder and risk of postural stress among female cultivators engaged in transplantation task.	International
18.	3rd International Conference on Ergonomics (ICE 2015) & 1st International conference on Industrial Engineering.	19 -20 August2015.	Kuala Lumpur, Malaysia,	**Dhara P. C.,** Pradhan P. and Chatterjee M: An ergonomic approach for designing a seat for fish processing workers.	International
Prof. Chandradipa Ghosh					
1.	FIPSPHYSICON	18-20 December, 2015,	University of Calcutta, Kolkata.	Kunal Dutta, Shubhadip Das, Tania Saha, Swarnali Bhatttacharjee and Chandradipa Ghosh*. Identification of Certain Indigenous Bacteria Involved in Biodegradation of Polycyclic Aromatic Hydrocarbon (PAH).	National
2.	103rd Indian Science Congress;	3-7th Jan, 2016	Mysore.	Amit Karmakar, Parimal Dua and	National

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	Section of Medical Sciences (Including Physiology)			Chandradipa Ghosh. Virulence Potential of Clinical Strains of Methicillin Resistant *Staphylococcus aureus* (MRSA) –A Study on Murine Intravenous Sepsis Model.	
3.	103rd Indian Science Congress; Section of Medical Sciences (Including Physiology)	3-7th Jan, 2016	Mysore.	ParimalDua, AmitKarmakar and ChandradipaGhosh. Pathogenicity of *Vibrio cholerae* non-O1/non -O139 isolated from diarrheal patients admitted in Midnapore Medical College and Hospital, West Benagal.	National
4.	103rd Indian Science Congress; Section of Medical Sciences (Including Physiology)	3-7th Jan, 2016	Mysore.	Kunal Dutta, Amit Karmakar, Abhishek Chakraborty, Pradip Jana, Prangya Paramita Das, Parimal Dua, and Chandradipa Ghosh. Study on In vitro Antibiofilm Effects of Natural Plant Resources on Clinical Isolates of *Staphylococcus aureus*..	National
5.	103rd Indian Science Congress; Section of Medical Sciences (Including Physiology)	3-7th Jan, 2016	Mysore.	Supriya Kumar Misra, Kunal Dutta, and Chandradipa Ghosh. Obesity: Effect on motor quality and physiological development of pre and post pubertal girls.	National
6.	Conferred by Physiological Society of India.	18-20 December, 2015,	University of Calcutta, Kolkata.	Chandradipa Ghosh. Quorum Sensing in Bacteria: A Report	National

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	FIPSPHYSICON, Shri Ramendra Sundar Sinha Memorial Award and Oration, 2015			on *Vibrio cholerae*.	
7.	UGC sponsored two day National seminar organized by Dept. of Human Physiology with Community Health.	30-31 March, 2016,	Vidyasagar University, Midnapore.	Amit Karmakar, Parimal Dua and Chandradipa Ghosh*. Biochemical and Molecular Characteristics of *Staphylococcus aureus* Clinical isolates from Hospitalized Patients.	National
8.	UGC sponsored two day National seminar organized by Dept. of Human Physiology with Community Health.	30-31 March, 2016,	Vidyasagar University, Midnapore.	Parimal Dua, Amit Karmakar and Chandradipa Ghosh. "Pathogenicity of *Vibrio cholerae* non-O1/non -O139 isolated from diarrheal patients admitted in Midnapore Medical College and Hospital, West Benagal.	National
9.	UGC sponsored two day National seminar organized by Dept. of Human Physiology with Community Health.	30-31 March, 2016,	Vidyasagar University, Midnapore.	Kunal Dutta, Amit Karmakar, Prangya Paramita Das, Parimal Dua, and Chandradipa Ghosh*. Effects of Natural Plant Resources on Methicillin-resistant *Staphylococcus aureus* (MRSA) Clinical isolates.	National
10.	UGC sponsored two day National seminar organized by Dept. of Human Physiology with Community Health.	30-31 March, 2016,	Vidyasagar University, Midnapore.	Supriya Kumar Misra, Kunal Dutta, Prithwiraj Mukherjee, Chandradipa Ghosh*. Estimation of Lipid profile and	National

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				other Biochemical parameter in 5-12 years old Bengali Boys.	
Dr. Sujata Maiti (Choudhury)					
1.	2nd Convention: SFE India, 2015, National Seminar on 'Integrated approaches for promotion and development of herbal medicine'	December 5-6, 2015	Jadavpur University, Kolkata., India	**Dr. Sujata Maiti Choudhury.** Inhibition of Dalton's ascites lymphoma cell proliferation by silver nanoparticles synthesized from Calotropisgigantea latex through the induction of apoptosis.	National
2.	2nd Convention: SFE India, 2015, National Seminar on 'Integrated approaches for promotion and development of herbal medicine'	December 5-6, 2015	Jadavpur University, Kolkata., India	AnanyaPradhan, MadhubantiBepari and **Sujata Maiti Choudhury.*** Green Indole-3-carbinol Gold nanoparticles enhances apoptosis and oxidative stress in Ehrlich Ascites Carcinoma.	National
3.	2nd Convention: SFE India, 2015, National Seminar on 'Integrated approaches for promotion and development of herbal medicine'.	December 5-6, 2015	Jadavpur University, Kolkata., India	Saswata Sanyal, Pralay Maity and **Sujata Maiti Choudhury*** Study of *in vitro* antioxidant activities of *Calotropis gigantean* latex and evaluation of its toxicity on brine shrimp and zebra fish model.	National
4.	XXVIIth Annual Conference of The Physiological Society of India (PSI) and the VIth Congress of the Federation of Indian Physiological	18^{th}-20^{th} December, 2015	University of Sc. &Technology, University of Calcutta 92, A.P.C. Road, Kolkata- 09.	**Dr. Sujata Maiti Choudhury** Green synthesized *Anacardiumoccidentale* leaf silver nanoparticle: A new antineoplastic agent against Dalton's ascites lymphoma.	National

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	Societies (FIPS): FIPSPHYSICON-2015.				
5.	XXVIIth Annual Conference of The Physiological Society of India (PSI) and the VIth Congress of the Federation of Indian Physiological Societies (FIPS) : FIPSPHYSICON-2015.	18th-20th December, 2015	University of Sc. &Technology,University of Calcutta 92, A.P.C. Road, Kolkata- 09.	Surya Kanta Dey, Pralay Maity, Madhubanti Bepari, Ananya Pradhan and **Sujata Maiti Choudhury** Silver nanoparticles synthesized from Calotropisgigantea latex enhance apoptosis and oxidative stress in Ehrlich ascites carcinoma cell.	National
6.	103rd Indian Science Congress; Section of Medical Sciences (Including Physiology)	3-7th January, 2016	Mysore University, Mysore, Karnataka, India	**Sujata Maiti Choudhury**. Green gold nanoparticles of Indole-3-carbinol exhibits antineoplastic and apoptotic potential in Ehrlich Ascites Carcinoma.	National
7.	103rd Indian Science Congress; Section of Medical Sciences (Including Physiology)	3-7th January, 2016	Mysore University, Mysore, Karnataka, India	Pralay Maity, Madhubanti Bepari, Ananya Pradhan and **Sujata Maiti Choudhury** Green synthesis of silver nanoparticles using *Calotropisgigantea* latex and study of their anticancer efficacy against Dalton's ascites lymphoma cell.	National
8.	103rd Indian Science Congress; Section of Medical Sciences (Including Physiology)	3-7th January, 2016	Mysore University, Mysore, Karnataka, India	Madhubanti Bepari, Pralay Maity, Ananya Pradhan and **Sujata Maiti Choudhury** The green synthesis, characterization and evaluation of the toxicological effects of silver	National

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				nanoparticles synthesized from *Anacardiumoccidentale* leaf aqueous extracts	
9.	103rd Indian Science Congress; Section of Medical Sciences (Including Physiology)	3-7th January, 2016	Mysore University, Mysore, Karnataka, India	Ananya Pradhan, Pralay Maity, Madhubanti Bepari and **Sujata Maiti Choudhury** Indole-3-carbinol, a phytomedicine destroy human pathogenic bacteria via loss of membrane integrity.	National
10.	103rd Indian Science Congress; Section of Medical Sciences (Including Physiology)	3-7th January, 2016	Mysore University, Mysore, Karnataka, India	Tuhina Das, Anurag Paramanik and **Sujata Maiti Choudhury** Zinc ameliorates cypermethrin induced oxidative stress in Wistar rat ovary.	National
11.	103rd Indian Science Congress; Section of Medical Sciences (Including Physiology)	3-7th January, 2016	Mysore University, Mysore, Karnataka, India	Rini Ghosh and **Sujata Maiti Choudhury**. Taurine protects lambda cyhalothrin mediated haematological alterations in male Wistar rat.	National
12.	UGC sponsored two day National seminar organized by Dept. of Human Physiology with Community Health.	30th - 31st March, 2016.	Vidyasagar University, Midnapore	**Dr. Sujata Maiti Choudhury.** Usage of Green synthesized *Anacardiumoccidentale* leaf silver nanoparticle as a novel therapeutic strategy in cancer.	National
13.	UGC sponsored two day National seminar organized by Dept. of Human Physiology with	30th - 31st March, 2016.	Vidyasagar University, Midnapore	Saswata Sanyal, Pralay Maity and **Sujata Maiti Choudhury***Phytochemical screening of	National

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	Community Health.			*Calotropisgigantea* latex and exhibition of its prominent in-vitro antioxidant and anti-inflammatory activities.	
14.	UGC sponsored two day National seminar organized by Dept. of Human Physiology with Community Health.	30th - 31st March, 2016.	VidyasagarUniversity, Midnapore	Rini Ghosh, **Sujata Maiti Choudhury** Evaluation of the protective role of taurine in lambda cyhalothrin-induced hepatotoxicity in male Albino rats.	National
15.	UGC sponsored two day National seminar organized by Dept. of Human Physiology with Community Health.	30th - 31st March, 2016.	Vidyasagar University, Midnapore	Ananya Pradhan, Madhubanti Bepari and **Sujata Maiti Choudhury*** Gold nanoparticles using indole-3-carbinol produces genotoxicity and antiproliferative effect on cancer cell.	National
16.	UGC sponsored two day National seminar organized by Dept. of Human Physiology with Community Health.	30th - 31st March, 2016.	Vidyasagar University, Midnapore	Anurag Paramanik, **Sujata Maiti Choudhury** Ameliorative role of zinc and lipoic acid on Cypermethrin induced ovarian oxidative stress.	National
17.	UGC sponsored Two-Days National Workshop on 'Application and Deployment Platform in University: Moodle'	9th-10th March, 2016	organized by Computer Centre, Vidyasagar University, Midnapore,		National
Dr. Sandip Kr. Sinha					
	UGC sponsored two day National seminar organized by Dept. of Human Physiology with Community Health.	30th -31st March, 2016.	Department of Human Physiology with Community Health, Vidyasagar University.	Trends of Physiological Research from Laboratory to Community	National

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Dr. Sumana Sarkhel					
	UGC sponsored two day National seminar organized by Dept. of Human Physiology with Community Health.	30th -31st March, 2016.	Department of Human Physiology with Community Health, Vidyasagar University.	Trends of Physiological Research from Laboratory to Community	National

b) Research Papers/ Books/ Articles/ Others published (2015-16)

i) Research Papers / Articles / Chapters in Published Books:

Sl. No.	Name of the Faculty with co – authors (sequentially)	Title of the Research paper	Name of Journal, Vol. No., Year & pp. (ISSN / ISBN)	National / International, Impact Factor / Citation Index
Prof. Somenath Roy				
1.	Chattopadhyay, S., Dash S.K., Mandal, D., Das, B., Tripathy, S., Dey, A., P., **Roy, S**.	Metal based nanoparticles as cancer antigen delivery vehicles for macrophage based antitumor vaccine.;	Vaccine. 201634:957–967	International (**IF: 3.413**)
2.	Das, S., Banik, A., Hati, A.K., **Roy, S.**	Low prevalence of dihydrofolatereductase (dhfr) and dihydropteroate synthase (dhps) quadruple and quintuple mutant alleles associated with SP resistance in Plasmodiumvivax isolates of West Bengal.	Malaria Journal. 2016	International (**IF: 3.079**).
3.	Mandal, D., Dash, S.K., Das, B., Chattopadhyay, S., Ghosh, T., Das, D., **Roy, S**.	Bio-fabricated silver nanoparticles preferentially targets Gram positive depending on cell surface charge.	Biomed Pharmacother. 2016; 83:548–558	International (**IF: 2.323**).
4.	Dash, S.K., Chattopadhyay, S., Karmakar, P., **Roy, S**.	Anti-leukemic activity of betulinic acid from bulk to self-assembled structure.	*BLDE University Journal of Health Sciences*. 2016 Jan 1;1(1):14.	International
5.	Das, B., Mandal, D., Dash, S.K., Chattopadhyay, S.,	Eugenol Provokes ROS-Mediated Membrane Damage-Associated	*Infectious diseases*. 2016;9:11.	International

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	Tripathy, S., Dolai, D.P., Dey, S.K., **Roy, S**.	Antibacterial Activity Against Clinically Isolated Multidrug-Resistant Staphylococcus aureus Strains.		
6.	Pramanik, A., Laha, D., Dash, S.K., Chattopadhyay, S., **Roy, S.**, Das, D.K., Pramanik, P., Karmakar ,P.	An in-vivo study for targeted delivery of copper-organic complex to breast cancer using chitosan polymer nanoparticles.	Materials Science and Engineering: C. 2016; 68:327-337	International (**IF: 3.420**).
7.	Roy, I., Das, B., Mollick, M.M., Basu, A., Dey, A., Dash, S.K., **Roy, S.**, Chattopadhyay, D.	Nanotherapy on human acute myeloid leukemia cells using RGO/Ag nanocomposites.	RSC Advances. 2016;6(57):52403-10	International (**IF: 3.289**).
8.	Dash, S.K., Chattopadhyay. S., Ghosh, T., Dash, S.S., Tripathy, S., Das, B., Bag, B.G., Das, D., **Roy, S.**	Self-assembled betulinic acid protects doxorubicin induced apoptosis followed by reduction of ROS–TNF-α–caspase-3 activity.	Biomedicine & Pharmacotherapy. 2015; 144-157.	International (**IF: 2.323**).
9.	Mandal, A.K., Sen, I.K., Maity, P., Chattopadhyay, S., Chakraborty, R., **Roy, S.,** Islam, S.S.	Structural elucidation and biological studies of a novel exopolysaccaride from Klebsiellapneumoniae PB12.	International journal of biological macromolecules. 2015; 79, 413–422	International (**IF: 3.138**).
10.	Mandal, D. Dash ,S .K., Das, B., Sengupta, M., Kundu, P.K., **Roy,S**.	Isolation and characterization of multi-drug resistance Proteus vulgaris from clinical samples of uti infected patients from Midnapore, West Bengal.	International Journal of LifeScience and Pharma Research. 2015; 5; L32-L45.	International
11.	Yarlagadda, V., Konai, M.M., Manjunath, G.B., Prakash, R.G., Mani, B., Paramanandham, K., Ranjan, S.B., Ravikumar, R., Chakraborty, S.P., **Roy, S.**, Haldar, J.	In vivo antibacterial activity and pharmacological properties of the membrane-active glycopeptide antibiotic YV11455.	International journal of antimicrobial agents, 2015, 45(6), 627-634.	International (**IF: 4.296**).
12.	Adhikary, J.,	Preparation and	RSC Adv., 2015,5,	International

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	Chakraborty, P., Das, B., Datta, A., Dash, S.K., Roy, S., Chen, J.W., Chattopadhyay, T.	characterization of ferromagnetic nickel oxide nanoparticles from three different precursors: application in drug delivery.	35917-35928.	(IF: 3.289)
13.	Chowdhuri, A. R, Tripathy, S., Chandra, S., Roy, S., Sahu, S.K.	A ZnO Decorated Chitosan-Graphene Oxide Nanocomposite Shows Significantly Enhanced Antimicrobial Activity with ROS Generation.	RSC Advances.2015; 5, 49420-49428.	International (IF: 3.289)
14.	Mollick, R., Rana, D., Dash, S .K., Chattopadhyay, S., Bhowmick, B., Maity, D., Mondal, D., Pattanayak, S., **Roy, S.**, Chakraborty, M., Chattopadhyay, D.	Studies on green synthesized silver nanoparticles using Abelmoschusesculentus (L.) pulp extract having anticancer (in vitro) and antimicrobial applications.	Arabian Journal of Chemistry. 2015; In press	International (**IF: 3.613**)
15.	Dash, S.K., Dash, S.S., Chattopadhyay, S., Ghosh, T., Tripathy, S., KarMahapatra, S., Bag, B.G., Das, D., **Roy, S**. 2015.	Folate decorated delivery of self assembledbetulinic acid nano fibers: A biocompatible anti-leukemic therapy.	RSC Advances. 2015 (5): 24144-24157.	International (**IF: 3.289**)
16.	Chowdhuri, A.R., Tripathy, S., Haldar, C., Chandra, S., Das, B., **Roy, S.**, Sahu, S.K. 2015.	Theoretical and experimental study of folic acid conjugated silver nanoparticles through electrostatic interaction for enhances antibacterial activity.	RSC Advances. 2015 (5): 21515-21524.	International (**IF: 3.289**)
17.	Tripathy, S., **Roy, S**. (2015).	"Redox sensing and signaling by malaria parasite in vertebrate host"	Journal of Basic Microbiology. DOI:	International (**IF: 1.823**)
18.	Adhikary, J, Das, B., Chatterjee, S., Dash S.K., Chattopadhyay, S., Roy, S., Chen, J.W., Chattopadhyay, T.	Ag/CuO nanoparticles prepared from a novel trinuclear compound [Cu(Imdz)4(Ag(CN)2)2] (Imdz = imidazole) by a pyrolysis display excellent antimicrobial activity.	Journal of Molecular Structure. 2016; 1113: 9–17.	(IF: 1.780).
19.	Chakraborty, S.P.,	In vitro dose and	Microbial	(IF: 1.888).

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	Pramanik, P., Roy, S.	duration dependent approaches for the assessment of ameliorative effects of nanoconjugatedvancomycin against Staphylococcus aureus infection induced oxidative stress in murine peritoneal macrophages.	Pathogenesis. 91: 74–84.	
20.	Sanyal, R., Dash S.K., Kundu, P., Mandal, D., Roy, S., Das, D..	Novel bioinspiredacetato-bridged dinuclear nickel(II)-Schiff-base complex: Catechol oxidase and in vitro biological activity studies	InorganicaChimica Acta. 2016. 453: 394–401.	(IF: 1.918).
21.	Das, B., Dash, S.K., Mandal, D., Gosh, T., Chattopadhyay, S., Tripathy, S., Das, S., Dey, S.K., Das, D., Roy, S.	Green synthesized silver nanoparticles destroy multidrug resistant bacteria Oxygen Species mediated membrane damage.	Arabian Journal of Chemistry http://dx.doi.org/10.1016/j.arabjc.2015.08.008	(IF: 3.613)
22.	. Dash, S.K., Chattopadhyay, S., Tripathy, S., Dash, S.S., Das, B., Mandal, D., KarMahapatra, S., Bag, B.G., Roy, S.	Self-assembled betulinic acid augments immunomodulatory activity associates with IgG response.	Biomedicine & Pharmacotherapy. 75: 205–217. 2016.	(IF: 2.323).
23.	Ray Chowdhuri, A., Tripathy, S., Haldar, C., Roy, S., Sahu, S.K.	Single step synthesis of carbon dot embedded chitosan nanoparticles for cell imaging and hydrophobic drug delivery.	***Journal of MaterialsChemistryB.*** 2015, 3: 9122.	(IF: 4.872).
Prof. Prakash Chandra Dhara				
1.	Banerjee M., De A. and **Dhara P. C**:	Impact of work related stress on motion stereotypic responses.	International Journal of Indian Psychology. Volume 3, Issue 3, No. 2: 9-23, 2016	International
2.	**Dhara P.C**, Pradhan P, Chatterjee M:	An ergonomic approach for designing a seat for fish processing workers.	Malaysian journal of public health medicine, Special Vol 1: 14-21, 2016	International
3.	Manna I, Khanna GL and **Dhara PC**:	Effect of Training on Body Composition, Physiological and	Advances in Applied Physiology, 1(2):	International

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		Biochemical Variables of Field Hockey Players.	31-37, 2016	
4.	Manna S, Pal A, **Dhara PC**:	Effect of Socio-Economic Status on Learning Ability of Bengali (Indian) Primary School Children.	Advances in Applied Physiology, 1(1): 12-17, 2016	International
5.	Manna I, Khanna GL and **Dhara PC**:	Effect of Training on Anthropometric, Physiological and Biochemical Variables of Indian under 19 years Field Hockey Players.	Journal of Biology of Exercise. 2015; 11.2: 15-31. (Greece). [ISSN: 1791325X]. (Impact Factor: 0.72).	International
6.	Pal A, De S, Sengupta P, Maity P, Mahata H , Shaikh S and **Dhara P C**:	The Physiological Strain Among the Women Potato Cultivation In West Bengal, India.	*Accepted for publication* in Journal of Human Ergology, 44 (2), 2015.	International
7.	Pal A, De S , Sengupta P, Maity P and Dhara P C :	Evaluation of Work Related Musculoskeletal Disorder and Postural Stress among Female Potato Cultivators in West Bengal, India,	Ergonomics SA, 27(1): 46-64, 2015	International
8.	Maity P., De S., Pal A., and **Dhara P. C.**:	An Experimental Study to Evaluate Musculoskeletal Disorder and Postural Stress of Female Craft Worker during adopting different Sitting Postures.	**Accepted for publication** in International Journal of occupational safety and ergonomics	International
9.	**Dhara P. C.,** De S., Sengupta P., Maity P., Pal A.:	An Ergonomic Approach for Designing Indian Traditional Vegetable Cutter.	**Work, 50: 177-186, 2015**	International
Prof. Chandradipa Ghosh				
1.	Mukherjee P., Misra S. K., Choudhury M. and Ghosh C*. 2015.	Obesity, Motor Quality and Physiological Developement Among Urban Preadolescent Children From Midnapore, India..	*IOSR Journal of Pharmacy and Biological Sciences. 10 (3): 17-22*	International
2.	Dua P, Misra S. K., Choudhury M. and	Coronary artery disease (cad) risk factors and	*Journal of Biological*	International

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	Ghosh C*. 2016.	cardio-respiratory fitness in pre and post-menopausal women.	*Innovation 5(2): 245-261.*	
3.	Karmakar A, Dua P. and Ghosh C*. 2016.	Biochemical and Molecular Analysis of *Staphylococcus aureus*Clinical Isolates from Hospitalized Patients.	*Canadian Journal of Infectious Diseases and Medical Microbiology, 2016 (2):1.*	International
Dr. Sujata Maiti (Choudhury)				
1.	**MaitiChoudhury S,** Gupta M, Majumder UK. 2016.	Mycotoxin MT81 and Its Benzoylated Derivative Exhibit Potential Antisteroidogenic Activities In Prepubertal Female Wistar Rat.	*Toxicology and Forensic. Medicine,http://dx. doi.org/10.17140/TFMOJ-1-101*	*International*
2.	**MaitiChoudhuryS,** Maity P, Bepari M. 2015.	Combined mixtures of *Calotropisgigantea* latex and *Barlerialupulina* leaf extracts ameliorate Dalton's Ascitic Lymphoma induced cell proliferation.	*International Journal of Engineering Technology Science and Research.ISSN 2394 – 3386; Volume 2, Special Issue, September 2015.*	International
3.	Maity P, Bepari M &**MaitiChoudhury S.** 2015**.**	Antimitotic, apoptotic and antineoplastic potential of leaf extract of *Eupatorium ayapana*.	*Journal of Phytomedicine,* 7: 69-77.	*International*
4.	Maity P, Bepari M &**MaitiChoudhury S.** 2015**.**	Evaluation of Antimitogenic and Cytotoxic Potential of *Anacardiumoccidentale*L eaf Extracts in *Allumcepa*Root Tip Cells and Against Sarcoma-180 Cells.	*Journal of Science and Research***,** 4(4):290-293.	*International*
5.	Bepari M, Maity P and **MaitiChoudhury S**. 2015.	Inhibition of Ehrlich's Ascites Carcinoma by the leaf Extracts of *Eupatorium ayapana* in Swiss Albino Mice.	*Research Journal of Pharmaceutical, Biological and Chemical Sciences,* 6(1):1274-1281.	*International*
6.	Ghosh R, MaitiChoudhury S.	Alteration in estrous cycle, lipid peroxidation and antioxidant status in female rat after exposure	*Journal of Bioassays* 4.11 (2015): 4526-4532	*International*

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		to lambda cyhalothrin and its attenuation by taurine.		
7.	BepariM,Pal A, Maity P, **MaitiChoudhury S**. 2015.	Nutritional and health status of adult women of the Lodha tribal population of PaschimMidnapore, West Bengal, India: A comparison with nontribal women. *East*	*African Journal of Public Health,* Volume 12 Number 1: 988-996.	*International*
8.	**MaitiChoudhury S**, Sabud P, Maity P, Bepari M, Pradhan, Pal A.	A cross-sectional study on the nutritional status and morbidity profile of tribal and non-tribal female brick-field workers of PaschimMedi nipur district.	*Journal of Occupational Safety and Health*().	*International*
Dr. Sandip Kr. Sinha				
1.	Sinha SK (2015).	Asphyxia and Nicotine Induced Alterations in Blood Pressure and Urine Flow: Role of Spinal Center.	*International Physiology*, **3 (1):** 61-68.	*International*
2.	Sinha SK and Paul M (2016).	Review in basic and clinical importance of Dietary fiber.	*International Physiology (article in press).*	*International*
Dr. Sumana Sarkhel				
1.	Sarkhel, S.	.Ethnomedicinal Uses of Some Plants in Treatment of Jaundice by Tribal Communities of PaschimMedinipur District, West Bengal, India.	**Medicinal and Aromatic Plants.2015;** 4(4): 205	*International*
2.	Sarkhel, S.	Evaluation of anti-inflammatory activities of Quillajasaponaria Mol in experimental animal models.	**Toxicology Reports(Elsevier), 2016; (3);1-3.** http://dx.doi.org/10.1016/j.toxrep.2015.11.006(**Citation:1)**	*International*

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ii) Books Published :

SL. No.	Name of the Faculty with co – authors (sequentially)	Book	Name of Publisher	Year	National / International
1.	**Dhara P. C. (ed):**	Ergonomics in rural development. Vidyasagar University, Midnapore,	ISBN: 978-93-5174-905-9	2015	National

c) Research Projects

(i) Research Projects during the year:

SL. No.	Name of the Faculty	Name of the Project	Inception	Funding Agency	Amount Sanctioned.
01.	Prof. Chandradipa Ghosh	Task Force Project, "National Hospital Based Rota Virus Surveillance Network – Peripheral Site at Medinipur",	Duration: 01.02.2013 - 31.12.2016	ICMR	Funding: ~ 50.00 L
	Prof. Chandradipa Ghosh	Innovative Research Scheme (Commenced), "Identification of Biodegradation and Bioremediation Properties of Certain Soil Bacteria: A Metagenomic Approach".	Duration: 18.06.2015 – 17.06.2017	UGC	Funding : ~ 0.90 L
	Dr. Sujata Maiti (Choudhury)	**"**Evaluation of efficacy of medicinal plants used by the tribals of Jangalmahal area with special reference to *Calotropisgigantea* as an anticancer and antioxidant agent' under the umbrella project'*Natural and Bio-resource management in Jangalmahal areas of West Bengal'*	**innovative research project** under Vidyasagar University 2015-2017	UGC	Total cost **Rs. 4,50,000.00**

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(ii) Research Projects completed during the year

SL. No.	Name of the Faculty	Name of the Project	Funding Agency	Amount sanctioned
01	Prof. P. C. Dhara	Evaluation of Occupational Stress of Brick Kiln Workers and Ergonomic Design of Brick Dice	CSIR	18.2 Lakhs **Duration:** July 2012-31st July 2015

d) Consultancy Extended : **Nil**

e) MOU /Collaboration : **Nil**

f) Patents Generated:

Name of the Faculty	Topic	Patent Registration No.
Dhara P. , Sau S.K., Maity P.	: Brick dice. Design	Registration, No. 272038, *Patent office , Govt. of India*, May,2015.

g) Faculty Members visited outside organization like UGC, CSIR, DST, ICSSR, UPSC as experts / Visiting Fellow:

SL. No.	Name of the Faculty	Period of visit	Purpose	Name of the organisation .
1	Prof. P. C. Dhara	2015	As an expert member	Bureau of Indian standard (BIS), PGD 15

h) Faculty Members attended Refresher /Orientation courses.

SL. No.	Name of the Faculty	Topic of the Refresher/ orientation course	Duration	Organized by
1.	Dr. Sumana Sarkhel	56th Orientation Programme,	2nd February-28th February 2015	ASC-Jadavpur University
2.		2nd Refresher Course on Biological Science-.	23rd September-13th October,2015	Burdwan University

06. Foreign students in the Department (if any): **nil**

07. Research Scholars in the Dept.

a) Research Scholars awarded Ph.D. during the year 2015 – 16 :

Name of the Scholar	Name of the Supervisor	Topic of the Thesis	Year
Sabyasachi Das	Prof. Somenath	*A Molecular study for monitoring multi drug resistant malaria in*	**2015**

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	Roy	*malaria endemic zones of West Bengal*	
Sourav Chottopadhyay	Prof. Somenath Roy	*Study of anticancer activity of cobalt oxide nano particles on cancer cell line.*	**2015**
Sandeep Kumar Dash	Prof. Somenath Roy	*Anticancer Activity of Betulinic Acid and Folic Acid Conjugated Betulinic Acid on Leukemic Cell Lines: A Mechanistic and Immunomodulatory Approach*	**2016**
Satyajit Tripathy	Prof. Somenath Roy	*Anti-inflammatory and Anti-apoptotic Role of NanoconjugatedChloroquineagainst Plasmodium berghei Infection in Swiss Mice*	**2016**
Roan Mukherjee	Prof. P. C. Dhara	*Evaluation of physical and physiological fitness, and academic performance in relation to physical activity level among rural and urban adolescents.*	*2015*

b) Research Scholars Registered during the year (2015 – 16)

Name of the Scholar	**Name of the Supervisor**	**Name of the Thesis**
Mousumi Chatterjee	Prof. P. C. Dhara	*Evaluation of work related health problems of carpenters and an ergonomic intervention in the carpenter's hand tool and workstation.*
Nabakumar Das	Prof. P. C. Dhara	*An Ergonomic intervention for reducing work related health hazards of Bell Metal workers*
Hiranmoy Mahata	Prof. P. C. Dhara	*Assessment of occupational health problems of the workers during paddy threshing and ergonomic intervention on the operation of manual threshing machine.*
Aditi Dey	Prof. Somenath Roy	*Anticancer efficacy of surface modified copper oxide nanoparticles: A mechanistic study through drug delivery and immunomodulation*
Kunal Dutta	Prof. Chandradipa Ghosh.	*"Study on Biodegradation and Bioremediation Properties of Certain Soil Bacteria."*
Suryakanta Dey	Dr. Sujata Maiti (Choudhury)	*"Diosgeninanoformulation mediated cancer chemoprevention: A Molecular*

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		study/Approach"
Chaitali Mahpatra	Dr. Sujata Maiti (Choudhury) & Dr. S. S. Roy	*"Study of different dimensions of nutrition, food sustainability and occupational health in female agricultural labourers in Purba and PaschimMedinipur"*

08. a). Seminars/ Symposia/ Workshop /Special Lectures organized in the Dept. during the year.

Name of the Seminars/ Symposia/ Workshop /Special Lectures	**Duration**	**Funding Agency**
Ronald Ross Memorial Oration Dr. Udyay Bandopadhyay, Principal Scientist, Division of Infectious Diseases and Immunology, CSIR Institute of Chemical Biology.	23. 09.15	UGC
Extension Lectures: Prof. Tanya Das, Professor, Dept. of Molecular Medicine, Bose Institute, Kolkata	13.09.15	UGC extension Lecture scheme.
Extension Lectures: Prof. TusharKantiGhosh, Professor, Calcutta University	19.11.15	UGC extension Lecture scheme.
Extension Lectures: Prof. MohitoshMandal, Dept. of SMST, IIT, Kharagpur	22.11.15	UGC extension Lecture scheme.
Extension Lectures: Prof. Prasanta Kumar Maiti, Principle Scientist & HOD, ImGenex E-5, Infocity, KIIT Post Office, Bhubaneswar Orissa	23.11.15	UGC extension Lecture scheme.
Extension Lectures: Prof. Ananta Kumar Ghosh, Dept. of Biotechnology, IIT, Kharagpur	09.03.16	UGC extension Lecture scheme.
National Seminar on *Trends of Physiological Research from Laboratory to Community* organized by the Dept. of Human Physiology with Community Health, Vidyasagar University.	30th -31st March, 2016.	UGC

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08. b) Visiting Fellow: Name, Designation and Tenure of the Work**.**

SL.No.	Name	Designation	
01	Prof. Sekhar Chakraborty	Ex- Director, NICED, KOLKATA	21 days in Feb. 2016

09. New Academic Programmes Initiated (if any) **:**Nil

10. Whether there is any change in the Curriculum during the year;
If any please give the details**:**

11. Whether any Examination Reform has been implemented during the year; if any please give the details. : No

12. Honours and Awards to the Faculty Members during the year**:**

SL. No.	Name of the Faculty Members	Organization
1.	Prof. Somenath Roy	**Awarded "Dr PK Debnath Memorial Award"** for Best Oral Presentation on Integrated Approach for promotion and development of Herbal Medicine: by Society of Ethno Pharmacology from 5-6 December 2015.
2.	Prof. Chandradipa Ghosh.	Quorum Sensing in Bacteria: A Report on *Vibrio cholerae*. ShriRamendraSundarSinha Memorial Award (Silver Medal) 2015, conferred by Physiological Society of India. FIPSPHYSICON, 18-20 December, 2015, University of Calcutta, Kolkata.

13. Whether the Dept. has received SAP, COSIST, ASSIST, DST-FIST etc. during the period. If yes please give the details : **Nil**

14. Highlights:

Our department organized successfully the National **Conference on*Trends of Physiological Research from Laboratory to Community on* 30th -31st March, 2016.**

15. Others (if any):

Prof. Prakash Chandra Dhara elected as honorary General Secretaryof Indian Society of Ergonomics (ISE) an affiliated body of International Ergonomics Association (IEA).

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DEPARTMENT OF MICROBIOLOGY

01. Name of the Department: Microbiology

02. Name of the Teachers with Designation

Sl No	Name of the Teacher holding the Post	Present Designation	Area of Specialization
1	Dr. Bikas Ranjan Pati	Professor (On re-employment)	Agricultural Microbiology
2	Dr. Keshab Chandra Mondal	Associate Professor	Microbial enzyme, food and intestinal microbiology
3	Dr. Pradeep Kr. Das Mohapatra	Assistant Professor (On Contract)	Industrial Microbiology
4	Dr. Suman Kumar Halder	Assistant Professor (On Contract)	Microbial enzyme
5	Mr. Debesh Chandra Bhattacharya	Assistant Professor (On Contract)	Micro-algal Biotechnology, Industrial Microbiology & Bioprocess design
6	Mr. Amit Kumar Mandal	Assistant Professor (On temporary)	Chemical Biology & Nanobiology
7	Dr. Santi Mohan Mandal	Assistant Professor (On temporary)	Microbiology

03. Examination Results (Final Examination) 2015

Name of the Exam.	No. candidates appeared	No. of candidates obtained First class	No. of candidates obtained Second class
Semester IV	31	29	2

04. Number of successful candidates appearing in NET, GATE, SET and other remarkable examinations.(2015-16)

NET	GATE	SET	Others
0	2	0	0

05. Teacher-wise record for the period (April 2015 to March 2016)
a) Participation in the Seminars / Symposia/ Workshops (Name of Co-Authors not required)

Name of the Seminar/Symposia/ Workshop	Duration	Held at	Title of the Paper Presented	National/ International
Prof. Bikas Ranjan Pati				
Microbiology in 21st	29th	Department of	Attended	National

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Century	February – 1st March, 2016	Microbiology, Vidyasagar University, Midnapore, West Bengal		
Dr. K. C. Mondal				
	18th September, 2015	Debra Thana SKS Mahavidyalaya	Bacterial Endotoxin : An indicator molecule of Industrial food hygiene	National
	19th September, 2015	Raja N L Khan Women's College, Midnapur	Khambir: unique home-made fermented bread in Ladakh, India	National
	20th to 21st November, 2015	Sikkim University	Synergistic action of amylolytic and other enzymes in the bio-enrichment of rice based fermented beverages : a case study on Haria in India	International
	18th to 20th December, 2015	Calcutta University	Hypoxia induced gastric injury : An insight observation at cellular level	International
Dr. P. K. Das Mohapatra				
Ethnic Fermented Foods and Beverages: Microbiology and Health Benefits	20-21st November, 2015	Sikkim University, Gangtok	Fortification of fruit juice based ethnic beverage using microbial enzyme	International
Dr. Suman Kumar Halder				
Research Methodology	16th -31st July, 2015	Department of Commerce with Farm Management, Vidyasagar University, Midnapore, West Bengal	-	National
56th Annual Conference of Association of Microbiologists of India & International Symposium on	7th-10th December, 2015	Convention Center, JNU, New Delhi organized by School of Life Sciences,	Comparative Account of Adsorptive Removal of Arsenic and Lead by Alkali and	International

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"Emerging Discoveries in Microbiology"		Jawaharlal Nehru University, New Delhi	Enzyme Pre-treated Crustacean Shells: Optimization and Isotherm Study	
Microbiology in 21st Century	29th February – 1st March, 2016	Department of Microbiology, Vidyasagar University, Midnapore, West Bengal	N-acetyl glucosamine: Production, Prospects and Perspectives (invited talk)	National
Application and development of e-learning platform in University:MOODLE	9th -10th March, 2016	Computer Centre, Vidyasagar University, Midnapore, West Bengal	-	National
Research Trends in Medicine and Biology: The issue of Heath, Ecology and Management	20th March, 2016	Kankabati Rishi Arabinda Rural Development and Social Welfare Institute, PaschimMedinipur, West Bengal	Recent Trends of Optimization of Microbial Processes: A Proficient Shift from Traditional to Statistical Approach (invited talk)	National
Mr. Debesh Chandra Bhattacharya				
National Seminar on Microbiology in 21st Century	29th Feb-1st Mar, 2016	Vidyasagar University	"Anti-microbial Research in the 21st Century: The Saga from Penicillin to Teixobactin" (Invited lecture)	National
Mr. Amit Kumar Mandal				
National Seminar on Microbiology in 21st Century	29th Feb-1st Mar, 2016	Vidyasagar University	"Photoluminescent heparin capped carbon dots: synthesis, physiochemical properties and its anticancer potential" (Invited talk)	National
Research Trends in Medicine and Biology: The issues of Health, Ecology and Management	20th March	Kankabati Rishi Arabinda Rural Development And Social Welfare	"Green synthesized silver nanoparticles as a promising antimicrobial to	National

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		Institute, Midnapore	combat multiple antibiotic resistant (MAR) bacteria" (invited talk)	

b) Research Papers/ Books/ Articles/ Others published (2015-16)

i) Research Papers/ Articles/ Chapters in published Books:

Name of the faculty with co-authors (sequentially)	Title of the Research Paper	Name of the Journal, Vol. No., Year & pp. (ISSN/ISBN)	National/ International, Impact Factor/ Citation Index
Prof. B. R. Pati			
Mandal SM, Ghosh AK, **Pati BR**	Dissemination of antibiotic resistance in methicillin-resistant *Staphylococcus aureus* and vancomycin-resistant S aureus strains isolated from hospital effluents	Am J Infect Control. 2015 Dec 1;43 (12):e87-8. doi: 10.1016/j.ajic.2015.08 .015. Epub 2015 Oct 1	International 2.046
Halder S. k., Jana A., Paul T., Das A., Ghosh K., **Pati B. R.,** Mondal K. C.	Purification and biochemical characterization of chitinase of *Aeromonas hydrophila* SBK1 biosynthesized using crustacean shell	Biocatalysis and Agricultural Biotechnology, Volume 5, January 2016, Pages 211-218, ISSN 1878-8181	International 1.595
Dey, B. K., Banerjee, D.,Halder, S. K. and **Pati, B. R**.	Optimization of red pigment production by Endophytic *Pezicula* sp. BDF9/1 through OVAT and RSM Methodology	International Journal of Current Research,Vol. 8, Issue, 03, pp. 28194-28201, March, 2016	
Dey, B. K., Banerjee, D. and **Pati, B. R**.	Characterization of a Biopigment from Newly Isolated Endophytic Fungus *Pezicula* sp. BDF9/1 and its Antimicrobial Activity	JAM 2(2) 2015 pp 76-84.	
Pal S., Bhattacharya S., Sen A., **Pati B. R**., Mondal K. C. and Das Mohapatra P.K	Functional Elucidation and Structure Prediction of Certain Hypothetical Proteins in *Candida glabrata* CBS 138: an *In silico* Approach	Journal of Advanced Microbiology, 2 (1), 32-53. 3.	
Mandal A.,Kar S., Dutta T., **Pati B. R.** , Mondal K. C., Das Mohapatra P. K.	Parametric optimization of submerged fermentation conditions for xylanase production by *Bacillus cereus* BSA1 through Taguchi Methodology	Acta Biol Szeged 59(2):189-195 (2015).	0.304

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Paul T., Halder S. K., Das A., Ghosh K., Mandal A. , Payra P., Barman P., Das Mohapatra P. K., **Pati B. R.,** Mondal K.C.	Production of chitin and bioactive materials from Black tiger shrimp (*Penaeus monodon*) shell waste by the treatment of bacterial protease cocktail	3 Biotech (2015) 5: 483. doi:10.1007/s13205-014-0245-6	
Jana, H., Ghorai, M., Mondal, K. C., **Pati, B. R**., & Mitra	A. Study on the effect of low temperature pasteurization and storage temperature on the microbial dynamics in fresh water prawn	Sch. Acad. J. Biosci., 2015; 3(6):576-582	
Dr. Keshab Chandra Mondal			
	Microbial, saccharifying and antioxidant properties of an Indian rice based fermented beverage.	*Food Chemistry*. 168, 2015, 196–202	International IF: 4.18
	Production of chitin and bioactive materials from Black tiger shrimp (*Penaeus monodon*) shell waste by the treatment of bacterial protease cocktail.	3 Biotech. 5, 2015, 483–493	International IF:
	Therapeutic potential of different commercially available synbiotic on acetaminophen-induced uremic rats.	*Clinical and Experimental Nephrology*, 19(2), 2015, 168-177	International IF: 1.587
	Kinetic Study of a Glucose Tolerant □-Glucosidase from *Aspergillus fumigatus* ABK9 Entrapped into Alginate Beads.	*Waste Biomass Valorization*, 6, 2015, 53–61	International IF: 1.037
	Enzymatic Hydrolyzed Feather Peptide, a Welcoming Drug for Multiple-Antibiotic-Resistant *Staphylococcus aureus*: Structural Analysis and Characterization.	*Applied Biochemistry and Biotechnology*, 175, 2015, 3371-3386	International IF: 1.52
	Role of probiotic *Lactobacillus fermentum* KKL1 in the preparation of a rice based fermented beverage.	*Bioresource Technology,* 188, 2015, 161–168	International IF: 5.03
	Keratinase production by *Bacillus weihenstephanensis* PKD5 in solid-state fermentation and its milk	*Indian Journal of Biotechnology*, 14, 2015, 200-207	International IF: 0.447

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	clotting potential.		
	Tannase immobilization by chitin-alginate based adsorption-entrapment technique and its exploitation in fruit juice clarification.	*Food and Bioprocess Technology*, 8, 2015, 2319–2329	International IF: 2.6
	Enhanced production of industrial enzymes in *Mucoromycotina* fungi during solid-state fermentation of agricultural wastes/by-products.	*Acta Biologica Hungarica,* 66(3), 2015, 348–360	International IF: 0.304
	A new strategy for improvement of tamarind seed based chicken diet after microbial detannification and assessment of its safety aspects.	*Acta Biologica Szegediensis*, 59(1), 2015, 1-9	International IF: 0.304
	Parametric optimization of submerged fermentation conditions for xylanase production by *Bacillus cereus* BSA1 through Taguchi Methodology.	*Acta Biologica Szegediensis*, 59(2), 2015, 189-195	International IF: 0.304
	Statistical optimization of α-amylase production from Penicillium notatum NCIM 923 and kinetics study of the purified enzyme.	*Acta Biologica Szegediensis*, 59(2), 2015, 179-188	International IF: 0.304
	Parametric optimization of submerged fermentation conditions for xylanase production by *Bacillus cereus* BSA1 through Taguchi Methodology.	*Acta Biologica Szegediensis*, 59(2), 2015, 169-177	International IF: 0.304
Dr. P. K. Das Mohapatra			
Hossein S.M., **Das Mohapatra P.K**., De D.	A compression algorithm for DNA sequences based on R^2G techniques with security.	Trends in Bioinformatics, 8(3),(2015):93-98. ISSN:1994-7941	International IF: 1.14
Barman P., BandyopadhyayP., Mondal K.C. **Das Mohapatra P.K.**	Improved cultivation of black tiger shrimp by the application of microorganisms and novel biomolicules.	Asian J of Science and Technology, 6(7), (2015): 1624-1630. ISSN:0976-3376.	International IF: 4.93
Sahoo D.K. Halder S.K. Das A., Jana A., Paul T., Thatoi H.N.,	Keratinase production by *Bacillus weihenstephanensis* PKD5 in solid-state	Ind. J. of Biotechnology, 14 (2015): 200-207.	International IF: 0.56

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Mondal K.C. **Das Mohapatra P.K.**	fermentation and its milk clotting potential.	ISSN:09725849.	
Paul T., Mandal A., Mandal S.M., Ghosh K., Mandal A.K., Halder S.K., Das A., Maji S.K., Kati A., **Das Mohapatra P.K**., Pati B.R., Mondal K.C.	Enzymatic hydrolyzed feather peptide, a welcoming drug for multiple-antibiotic-resistant *Staphyloccusaureus*: Structural analysis and characterization.	Appl. Biochem. Biotechnol., 175(2015): 3371-3385. ISSN: 0273-2289.	International IF: 1.735
Mandal A., Dutta T., Pati B.R., Mondal K.C., **Das Mohapatra P.K.**	Parametric optimization of submerged fermentation conditions for xylanase production by *Bacillus cereus* BSA1 through Taguchi Methodology.	Acta Biologica Szegediensis, 59(2), (2015): 189-195. ISSN: 1588-4082.	International IF: 0.58
Pal S., Bhattacharya S., Sen A.,Pati B.R., Mondal K.C. **Das Mohapatra P.K.**	Functional elucidation and structure prediction of certain hypothetical proteins in *Candida glabrata*CBS 138: an In silico Approach.	J. of Advanced Microbiology, 2(1), (2015): 32-53. ISSN: 1588-4082.	National
Jana A., Halder S.K., Ghosh K., Paul T., Vagvolgyi C., Mondal K.C., **Das Mohapatra P.K.**	Tannase immobilization by chitin-alginate based adsorption-entrapment technique and its exploitation in fruit juice clarification.	Food and Bioprocess Technology, 8 (2015): 2319-2329. ISSN: 1935-5130.	International IF: 2.691
Ghosh K., Ray M., Adak A., Halder S.K., Das A., Jana A., Parua S., Vagvolgyi C., **Das Mohapatra P.K.,** Pati B.R., Mondal K.C.	Role of probiotic *Lactobacillus fermentum* KKL1 in the preparation of a rice based fermented beverage.	Bioresource Technology, 188(2015): 161-168. ISSN: 0960-8524.	International IF: 4.917
Sethi B.K., Jana A., Nanda P.K., **Das Mohapatra P.K.,** Sahoo S.L.	Thermostable acidic protease production by *Aspergillusterreus*NCFT 4269.10 using chuckling vetch peels.	J. of Taibah Uni. of Sci., 10 (2016): 571-583. ISSN: 1658-3655.	International
Sen S.K., Jana A., **Das Mohapatra P.K.,** Bandyopadhyay P., Raut S.	Thermostable amylase production from Hot Spring isolate*Exiguobacterium sp.*: A promising agent for natural detergents.	Sustainable Chemistry and Pharmacy, 3(2016): 59-68. ISSN: 2352-5541	International
Sethi B.K., Jana A., Nanda P.K., **Das Mohapatra P.K.,** Sahoo S.L., Patra J.K.	Production of α-amylase by *Aspergillusterrus*NCFT4269 .10 using pearl millet and its structural characterization.	Frontiers in Plant Science, Section Plant Biotechnology, 7 (2016): Article 639. ISSN: 1664462x.	International IF: 4.495

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Paul T., Jana A., Mandal A.K., Mandal A., **Das Mohapatra P.K.,** Mondal K.C.	Bacterial keratinolytic protease, imminent starter for NextGen leather and detergent industries.	Sustainable Chemistry and Pharmacy, 3(2016): 8-22. ISSN: 2352-5541	International
Dr. Suman Kumar Halder			
Sahoo DK, **Halder SK**, Das A, Jana A, Paul T, Thatoi H, Mondal KC, Das Mohapatra PK	Keratinase production by *Bacillus weihenstephanensis* PKD5 in solid-state fermentation and its milk clotting potential	Indian Journal of Biotechnology. 14:200-207. 2015 [ISSN: 0975-0967 (Online) ISSN: 0972-5849 (Print)]	International IF: 0.287
Jana A, **Halder SK**, Ghosh K, Paul T, Vágvölgyi C, Mondal KC, Das Mohapatra PK	Tannase immobilization by chitin-alginate based adsorption-entrapment technique and its exploitation in fruit juice clarification	Food and Bioprocess Technology. 8:2319–2329. 2015 [ISSN:1935-5130 (print) ISSN:1935-5149 (electronic)]	International IF: 2.574
Halder SK, Jana A, Paul T, Das A, Ghosh K, Pati BR, Mondal KC	Purification and biochemical characterization of chitinase of *Aeromonas hydrophila* SBK1 biosynthesized using crustacean shell	Biocatalysis and Agricultural Biotechnology, 5: 211–218. 2016 (ISSN: 1878-8181)	International IF: 0.761
Dey B, Banerjee D, **Halder SK**, Pati BR	Optimization of red pigment production by Endophytic *Pezicula* sp. BDF9/1 through OVAT and RSM Methodology	International Journal of Current Research. 8: 28194-28201. 2016 (ISSN: 0975-833X)	International
Mr. Debesh Chandra Bhattacharya			
Debesh Chandra Bhattacharya	Biofilmed Biofertilizer: Promising Technology for Tomorrow	Journal of Advanced Microbiology, 2015, Vol 2(1): 19-22	National
Mr. Amit Kumar Mandal			
Paul, T., Jana, A., **Mandal, A. K.**, Mandal, A., Das Mohpatra, P. K., Mondal, K. C.	Bacterial Keratinolytic protease, imminent starter for NextGen leather and detergent industries.	*Sustain. Chem. Pharm.* 3 (2016) 8-22.	International
Koirala, S., Roy, B., Guha, P., Bhattarai, R., Sapkota, M., Nahak, P., Karmakar, G., **Mandal, A. K.**, Kumar, A., Panda, A. K.	Effect of Double Tailed Cationic Surfactant on the Physicochemical Behavior of Hybrid Vesicles.	*RSC Adv.* 6 (2016)13786- 13796	International (I.F. 3.289).

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Jana, S.K., **Mandal, A.K.**, Seth, S.K., Puschmann, H., Hossain, M., Dalai, S.	Synthesis, characterization and crystal structure of a new 3D cadmium (II) coordination polymer: binding interaction with DNA and double stranded RNA.	J. Inorg. OrganometPolym. 26 (2016) 806–818	International (I.F. 1.308).
Chakraborty, R., **Mandal, A.K.**	*Book chapter:* Hunting Food together is a Social Behaviour. Do Bacteria become Social in Scarcity and Selfish in Abundance?	Book: Biodiversity And Sustainability: Opportunities And Challenges ISBN: 999-9-9999-9999-9 Eds.: Rakhee Das Biswasand AbhijitSarkar © RaiganjSurendranath Mahavidyalaya	National

ii) Books Published:

Name of the faculty with co-authors (sequentially)	Book	Name of the Publisher	Year	National/ International
(Name of the faculty)				

c) Research Projects

(i) Research Projects Initiated during the year

SL. No.	Name of the Faculty	Name of the Project	Inception	Funding Agency	Amount Sanctioned.
1.	Dr. Keshab Chandra Mondal	Traditional fermented foods of Ladakh region: Standardization of process parameters for hygienic and quality food preparation related to the economic development of the high altitude societies	Ongoing	DST, SEED Division	42.93 lakh
		Natural and Bio-resource management in Jangalmahal areas of West Bengal	Ongoing	UGC Innovative project	4.0 lakh

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(ii) Research Projects completed during the year

SL. No.	Name of the Faculty	Name of the Project	Funding Agency	Amount Sanctioned.
1.				

d) Consultancy Extended

SL. No.	Name of the Faculty	Consultancy Extended to	Area of Consultancy	Duration	Amount

e) MOU/Collaboration

SL. No.	Name of the Faculty/Department	Name of the Organization/ Institute with which MOU/ Collaboration is signed	Duration	Subject

f) Patents Generated

Name of the Faculty	**Topic**	**Patent Registration No.**
Debesh Chandra Bhattacharya	Carbon nanoparticle composite and the process of manufacture thereof (Applied for the grant of patent)	Patent Application No. 201631020500
Amit Kumar Mandal	Carbon nanoparticle composite and the process of manufacture thereof (Applied for the grant of patent)	Patent Application No. 201631020500

g) Faculty Members visited outside Organization like UGC, CSIR, DST, ICSSR, UPSC as experts/ Visiting Fellow

SL. No.	Name of the Faculty	Period of visit	Purpose	Name of the organization

h) Faculty Members attended Refresher/Orientation courses

SL. No.	Name of the Faculty	Topic of the Refresher/ orientation course	Duration	Organized by	Sponsored by

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06. Foreign students in the Department (if any)

Name of the student	Home Country	Year / Semester	YearAdmitted

07. Research Scholars in the Dept.
a) Research Scholars awarded Ph.D. during the year 2015-16

SL. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1.	Suman Kumar Halder	Dr. Bikas Ranjan Pati & Dr. Keshab Chandra Mondal	Production, Purification and Characterization of Chitinase from a New Bacterial Isolate of *Aeromonashydrophila*
2	Atanu Adak	Dr. Keshab Chandra Mondal	Modulation of Indigenous Gastrointestinal Microflora and its Microenvironment during Acclimatization at Hypobaric Hypoxia

b) Research Scholars Registered During the Year (2015-16)

SL. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1			

08. a) Seminars/ Symposia/ Workshop/Special Lectures organized in the Department during the year.

SL. No.	Name of the Seminar/ Symposium/ Workshop/Special Lectures	Duration	Funding Agency
1.	Microbiology in 21st Century	29th February – 1st March, 2016	UGC

08. b) Visiting Fellow: Name, Designation and Tenure of the Work

09. New Academic Programs Initiated (if any):
Post graduate diploma in Quality control and assurance in microbial technology is running in the department,

10. Whether there is any change in the Curriculum during the year.
Modification of Curriculum was done and CBCS mode is introduced from the year 2016.

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11. **Whether any Examination Reform has been implemented during the year; if any please give the details.**
    Credit system is introduced from year 2016.

12. **Honours and Awards to the Faculty Members during the year.**

13. **Whether the Dept. has received SAP, COSIST, ASSIST, DST-FIST etc. during the period. If yes please give the details.**

14. **Highlights of the Department.**
    Department organized a national seminar on "Microbiology in 21st Century", total 175 candidates participated in the same.

15. **Others (if any).**

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DEPARTMENT OF PHYSICS AND TECHNOPHYSICS

01. Name of the Department: Physics &Technophysics

02. Name of the Teachers with Designation

Sl. No.	Name of the Teacher holding the Post	Present Designation	Area of Specialization
1.	Prof. P. C. Jana	Professor and Head	Solid State Physics
2.	Prof. R. R. Pal	Professor	Electronics
3.	Prof. S. Saha	Professor	Solid State Physics
4.	Dr. S. Ghosh	Assistant Professor	Solid State Physics
5.	Dr. K. Chatterjee	Assistant Professor	Electronicso
6.	Mr. B. Das	Assistant Professor	Nuclear Physics

03. Examination Results (Final Examination), 2015

Name of the Exam.	No. candidates appeared	No. of candidates obtained First class	No. of candidates obtained Second class
Semester IV	57	42	08

04. Number of successful candidates appearing in NET, GATE, SET and other remarkable examinations. (2015-16)

NET	GATE	SET	Others
06	11	03	JEST - 02

05. Teacher-wise record for the period (April 2015 to March 2016)

a. Participation in the Seminars / Symposia/ Workshops(Names of co-authors not required)

Name of the Seminar/Symposia/ Workshop	Duration	Held at	Title of the Paper Presented	National/ International
Prof. P. C. Jana				
National Seminor on Nanoscience and Nanotechnology: NSNN-2015	October 09-10, 2015	Haldia Institute of Technology, Haldia, India	Synthesis and Characterization of ZnCdS Nanoparticles	National

Prof. S. Saha				
National Seminor on Nanoscience and Nanotechnology: NSNN-2015	October 09-10 , 2015	Haldia Institute of Technology, Holdia, India	Synthesis and Characterization of ZnCdSNnoparticles	National
7th Vidyasagar-Satyendranath Bose	March 15 – 17,	Vidyasagar University,	Surface Plasmon and Scattering Based	**National**

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National Workshop 2016 on Theory and Application of Advanced Materials (TAAM2016)	2016	WB, India	Spectroscopy for the Detection of Silver Nanoparticle-tryptophan Interactions	
5 thReUnion of Physics Alumni Associaton, Kharagpur college	November 29-2016	Kharagpur college ,WB, India	Growth of CdS Nanoparticles for Optoelectronics and Biomedical Applications	**National**
Dr. S. Ghosh				
60th Department of Atomic Energy Solid State Physics Symposium 2015	December 21 – 24, 2015	Amity University, UP, India	Photo Current Generation in RGO - CdSNanorod Thin Film Device	International
7th Vidyasagar-Satyendranath Bose National Workshop 2016 on Theory and Application of Advanced Materials (TAAM2016)	March 15 – 17, 2016	Vidyasagar University, WB, India	Photo Current Generation in RGO - CdS composite	National
Dr. K. Chatterjee				
228th ECS Meeting, Organized by Elecro Chemical Society	October 11-15,2015	Phoenix, Arizona, US	Novel Electro-catalysts For Generating Oxygen From Acid Water Electrolysis	International
7th Vidyasagar-Satyendranath Bose National Workshop 2016 on Theory and Application of Advanced Materials (TAAM2016)	March 15 – 17, 2016	Vidyasagar University, WB, India	Semiconductor nanocomposite for efficient visible light photocatalytic degradation of organic dyes	National

b) Research Papers/ Books/ Articles/ Others published (2015-16)

i) Research Papers/ Articles/ Chapters in Published Books:

Name of the faculty with co-authors (sequentially)	**Title of the Research Paper**	**Name of the Journal, Vol. NO., Year & pp. (ISSN/ISBN)**	**National/ International, Impact Factor/ Citation Index**
Prof. P. C. Jana			
Tapas Ghosh, BidyutSamanta , Paresh Chandra Jana, and	Comparison of calculated and measured refractive index profiles of	*Journal of Applied Physics* 117, 053106 (2015)	International

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PranabenduGanguly;	continuous wave ultraviolet written waveguides in LiNbO3 and its analysis by effective index based matrix method".		
Sandip Kumar Giri, BiswajitSen and Paresh Chandra Jana.	"General Higher Order Intermodal Antibunching in two-mode Bose Einstein Condensates".	*Research Journal of Recent Sciences.* Vol. 5 (ISC-2015) , 13-16(2016). E-ISSN 2272-2502.	International
Kousik Mukherjee and Paresh Chandra Jana.	EPR-Steering and Bell states for the Quadratically-coupled optomechanical system".	*Journal of Physical Sciences*. Vol. 20, 2015, 213-220.(ISSN: 2350-0352)	National
Sandip Kumar Giri, BiswajitSen, AnirbanPathak and Paresh Chandra Jana,	Higher order two-mode and multimode-mode entanglement in Ramman Process	arXiv: 1508.06949v1 (quant-ph), 2015.	International
Tapas Ghosh, BidyutSamanta , Paresh Chandra Jana, and Pranabendu Ganguly,	Design of a directional coupler based on UV induced LiNbO3 waveguides.	*Journal of Optical Communication*, 2016.,in print.	International
Kousik Mukherjee and Paresh Chandra Jana.	Nonclassical properties (squeezing, antibunching, entanglement) for couple-cavity optomechanical system.	Accepted by *Journal of Optics*, 2016.	International
Kamal Bera, Satyajit Saha, ChandanRana and Paresh Chandra Jana.	Composition Dependent Structural and Optical Properties of Nanocrystallites $Zn_xCd_{1-x}S$,	Physical Science International Journal 10(4): 1-6, 2016, Article no.PSIJ.25796ISSN: 2348-0130.	International
Prof. R. R. Pal			
Co-author : SaikatMaiti	Voltage Mode Quadrature Oscillator Employing Single Differential Voltage Current Controlled Conveyor Transconductance Amplifier	International Journal of Electronics and Electrical Engineering, Vol. 3, No. 5, October 2015	International
Prof. S. Saha			
Amit Kumar Bhunia, Pijus Kanti Samanta, DebasishAich, Satyajit	Biocompatibility study of protein capped and uncapped silver	J. Phys. D: Appl. Phys.48,235305 10pp),2015.	International

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Saha and Tapanendu Kamilya,	nanoparticles on human haemoglobin,		
A.K. Bhunia, T. Kamilya and S.Saha	Synthesis, Characterization of ZnONanorods and its interaction with Albumin Protein	Materials Today: Proceedings 3 (2016) 592 – 597	International
A. K. Bhunia, P. K. Samanta and T. Kamilya, , S. Saha,	Chemical Growth of Spherical Zinc Oxide Nanoparticles and Their Structural, Optical Properties,	Journal of Physical Sciences, Vol. 20, 2015, 205-212.	National
A. K. Bhunia, T. Kamilya and S. Saha,	Optical Properties of PbS Nanoparticles Grown by Chemical Reduction Route,	Journal of Physical Sciences, Vol. 20, 2015, 221-224.	National
Satyajit Saha, Rahul Bhattacharya & Amit Kumar Bhunia,	Fabrication Of CdS/Si Heterojunction Solar Cell,	International Journal of Semiconductor Science & Technology (IJSST) , Vol. 5,2015, 1-6.	International
Debasish Aich, Amit Kumar Bhunia, Satyajit Saha & Tapanendu Kamily,	Phase Controlling In The Synthesis Of Tio2 Nanostructures By Little Variation Of Reaction Conditions	International Journal of Applied and Natural Sciences (IJANS) Vol. 5, 2016, 1-8	International
Swades Ranjan Bera, Satyajit Saha	Fabrication of CdTe/Si heterojunction solar cell,	Applied Nanoscience, DOI 10.1007/s13204-015-0516-5,Published 07/01/2016	International
Dr. S. Ghosh			
K. Chakraborty, S. Chakrabarty, P. Das, S. Ghosh, T. Pal	UV-assisted Synthesis of Reduced Graphene Oxide Zinc Sulfide Composite with Enhanced Photocatalytic Activity	Mater. *Sci. Eng. B*, 204, 8-14 (2016). ISSN: 0921-5107	International Impact Factor: 2.331
K. Chakraborty, P. Das, S. Chakrabarty, T. Pal, S. Ghosh	AC Conduction and Time–Temperature Superposition Scaling in a Reduced Graphene Oxide–Zinc Sulfide Nanocomposite	*Chem. Phys. Chem*, 17, 1518–1523 (2016). ISSN: 1439-7641	International Impact Factor: 3.138
K. Chakraborty, S. Chakrabarty, S. Ibrahim, T. Pal, S. Ghosh	Photo current generation in RGO - CdSnanorod thin film device	*AIP Conf. Proc.* 1731, 080052 (2016).	International

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		ISSN: 0094-243X	
Dr. K. Chatterjee			
T.K. Jana a, S.K. Maji , A. Pal , R.P. Maiti , T.K. Dolai , K. Chatterjee	Photocatalytic and antibacterial activity of cadmium sulphide/zinc oxide nanocomposite with varied morphology,	Journal of Colloid and Interface Science 480 (2016) 9–16 ISSN: 0021-9797	International Impact Factor: 3.782
Jingjie Wu, Mingjie Liu, KuntalChatterjee*,Ken Hanckenberg, Jianfeng Shen,XiaolongZou, Yong Yan, Jing Gu, Yingchao Yang, Boris I. Yakobson, Jun Lou*, Pulickel M. Ajayan	Exfoliated Two Dimensional Transition Metal Disulfides for Enhanced Electrocatalysis of Oxygen Evolution Reaction in Acidic Medium,	**Adv. Mater. Interfaces** 2016, 1500669; DOI: 10.1002/admi.201500669 Online ISSN: 2196-7350	Wiley International Impact Factor: will be announced in 2017
A. Pal, T.K. Jana, K. Chatterjee,	Silica supported TiO_2 nanostructures for highly efficient photocatalytic application under visible light irradiation,	Materials Research Bulletin 76 (2016) 353–357. ISSN: 0025-5408	International Impact Factor: 2.435
T.K. Jana, A. Pal, K. Chatterjee	Magnetic and photocatalytic study of Co_3O_4-ZnOnanocomposite, ,	Journal of Alloys and Compounds, 653, 338-344, 2015, doi:10.1016/j.jallcom.2015.09.040 ISSN: 0925-8388	International Impact Factor: 3.014

ii) Books Published:

Sl.	Name of the faculty with co-authors (sequentially)	Book	Name of the Publisher	Year	National/ International

c) Research Projects

(i) Research Projects Initiated during the year

SL. No.	Name of the Faculty	Name of the Project	Inception	Funding Agency	Amount Sanctioned.
1.	**Prof. Radha Raman Pal**	Design, Synthesis and Characterisation of Light diffusers for LED lights and LED tube lights	June 2015	(UGC Innovative Research Grant)	Rs. 80,000/-
2	**Prof. Satyajit Saha**	'Synthesis,Functionalization of Metal Nanoparticles and	June 2015	(UGC Innovative	Rs. 100000/-

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		their interaction with Proteins'		Research Grant)	
3.	**Dr. Surajit Ghosh**	Synthesis and Characterization of Different Reduced Graphene Oxide Based Composite as Light HarvestingMaterials	June 2015	Vidyasagar University Innovative Research Grant	Rs. 100000/-

(ii) Research Projects completed during the year

SL. No.	Name of the Faculty	Name of the Project	Funding Agency	Amount Sanctioned.
1.	Prof. S. Saha	'Synthesis and Characterization of CdS Nanoparticles with different time using EDA'	DST/INSPIRE	**20000/-**
2.	Dr. Surajit Ghosh	Development of Graphene-Quantum Dot Nano Composites for Optoelectronic Applications.	DST - SERB	19,44,000/-

d) Consultancy Extended

SL. No.	Name of the Faculty	Consultancy Extended to	Area of Consultancy	Duration	Amount Sanctioned

e) MOU /Collaboration

SL. No.	Name of the Faculty/Department	Name of the Organisation/ Institute with which MOU / Collaboration is signed	Duration	Subject

f) Patents Generated

Name of the Faculty	Topic	Patent Registration No.

g) Faculty Members visited outside Organisation like UGC, CSIR, DST, ICSSR, UPSC as experts/ Visiting Fellow

SL. No.	Name of the Faculty	Period of visit	Purpose	Name of the organisation
1.	Dr. K. Chatterjee	24th Nov,2014 – 23rd Nov, 2015	Post Doctoral research work as UGC RAMAN fellow	MSNE, RICE University, Houston, TX, US

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h) Faculty Members attended Refresher /Orientation courses.

SL. No.	Name of the Faculty	Topic of the Refresher/ orientation course	Duration	Organised by	Sponsored by
1.					

06. Foreign students in the Department (if any)

Name of the student	Home country	Year / Semester	Year Admitted

07. Research Scholars in the Department
a) Research Scholars awarded Ph.D. during the year 2015-16

SL. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1	SaikatMaiti	Prof. Radha Raman Pal	Design of some low voltage active building blocks and their applications in oscillators and filters
2	RahulBhattacharya	Prof. SatyajitSaha	Fabrication and Characterization of CdS nanostructures

b) Research Scholars Registered During the Year (2015-16)

SL. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1.	Tuhina Sinha	Prof. P. C. Jana	Quantum optics
2.	Bappasona Kar	Prof. P. C. Jana	Ferro electrics

08. a) Seminars/ Symposia/ Workshop /Special Lectures organized in the Dept. during the year.

SL. No.	Name of the Seminar/ Symposium / Workshop /Special Lectures	Duration	Funding Agency
1.	UGC SAP Seminar on **"Recent Development on Materials Science"**	18 – 19 February, 2016	**UGC, SAP**
2.	7th Vidyasagar-Satyendranath Bose National Workshop 2016 on **Theory and Application of Advanced Materials (TAAM 2016)**	22 – 24 March, 2016	**SNBNCBS, Kolkata and DST, New Delhi**

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08. b) Visiting Fellow: Name, Designation and Tenure of the Work:

Prof. Anup Ghosh, Dept of Physics, BHU, Benaras, UP, Prof. M. M. Verma, Dept of Physics, Lucknow University, Lucknow, UP

09. New Academic Programmes Initiated (if any)

10. Whether there is any change in the Curriculum during the year;

The syllabus for the new session 2016-2017 of M.Sc. Physics has been changed according to the CBCS guideline of UGC.

11. Whether any Examination Reform has been implemented during the year; if any please give the details.

12. Honours and Awards to the Faculty Members during the year.

Dr. K. Chatterjee has been awarded UGC-RAMAN Fellow for the Post Doctoral work at RICE University, TX, US.

13. Whether the Dept. has received SAP, COSIST, ASSIST, DST-FIST etc. during the period. If yes please give the details.

Applied for DST FIST, Phase II and further processing is due.

14. Highlights of the Department:

15. Others (if any)

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DEPARTMENT OF REMOTE SENSING AND GEOGRAPHICAL INFORMATION SYSTEM

1. Name of the Department: Remote Sensing & GIS

2. Name of the Teachers with Designation.

Sl No	Name of the Teacher holding the Post	Present Designation	Area of Specialization
1	Dr. Jatisankar Bandyopadhyay	Assistant Professor	Water Resource Management, River Dynamics, Costal, Mining & Env mgmt. Hyperspectral RS application
2.	Dr. Abhisek Chakrabarty	Assistant Professor (on contract)	Digital Photogrammetry, Geodesy, Microwave Remote Sensing and Environmental Modeling
3.	Ms. Dipanwita Dutta	Assistant Professor	Hyperspectral and LIDAR Remote Sensing, Digital Cartography and GIS

03. Examination Results (Final Examination) 2015

Name of the Exam.	No. candidates appeared	No. of candidates obtained First class	No. of candidates obtained Second class
Semester IV	44	44	Nil

04. Number of successful candidates appearing in NET, GATE, SET and other remarkable examinations.(2015-16)

NET	GATE	SET	Others
1	1	Nil	Nil

05. Teacher-wise record for the period (April 2015 to March 2016)
a) Participation in the Seminars / Symposia/ Workshops (Name of Co-Authors not required)

Name of the Seminar/Symposia/ Workshop	Duration	Held at	Title of the Paper Presented	National/ International
Dr. Jatisankar Bandyopadhyay				
Participated in UGC Sponsored Two day National Workshop	09 to 10th March, 2016..	Vidyasagar University	Application and Development of e-Learning Platform in University: MOODLE'	National

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UGC sponsored International Seminar on "Dynamic Evaluation of Management Paradigm"	26 to 27th February 2016	Vidyasagar University	'Tea bush health analysis and management in the Dooars region through advanced Geospatial Technology, West Bengal, India'	International Seminar
XXXIV INCA International Congress	15 to 17th December 2015	JNU, New Delhi	Chairperson for' Geospatial Technology for Planning Smart Cities,	International Congress
XXXIV INCA International Congress	15 to 17th December 2015	JNU, New Delhi	Water Resource Monitoring and Management using Advanced Geospetial Technology of Arakhasa Watershed in Bankura & Purulia Districts, West Bengal, India	International Congress
5.International Seminar on Center for Ground Water Studies	Jadavpur, Kolkata	13 to 14th November 2015.	Geoinformatics in Surface Water Management for Groundwater Development in Semiarid Terrain ofArakhasa Sub Watershed in the part of Bankura & Purulia Districts, West Bengal, India'	International
Dr. Abhisek Chakrabarty				
1. International Geographical Union Regional Conference "IGU-2015"	17-21st August, 2015	Lomonosov Moscow State University (LMSU), Moscow, Russia.	"GIS based flash flood runoff simulation model of upper Teests river basin – using ASTER DEM and meteorological data."	International
2. International Conference and Workshop - **Geo Python – 2016,**	22nd March – 24thMarch, 2016,	University of Applied Sciences and Arts Northwestern Switzerland. CH-4132 Muttenz, Switzerland.	"Hyperspectral Image processing for Forest types Mapping and forest health monitoring: A case study in the buffer zones of iron mining belts of Saranda forest, Jharkhand, India"	

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Ms. Dipanwita Dutta				
1. Advanced School & Workshop on Subseasonal to Seasonal (S2S) Prediction & Application to Drought Prediction	23rd Nov.-4th Dec., 2015	The Abdus Salam International Centre for Theoretical Physics (ICTP), Trieste, Italy	Workshop	International
2. 'Teaching with Technology' under Partners in Learning (Project Shiksha) program by Microsoft	10-16th October, 2015	Computer Centre, Vidyasagar University	Workshop	National
3. 9th International Geographical Union (IGU) Conference	23-25th March, 2016	Shaheed Bhagat Singh College, University of Delhi, New Delhi	Analyzing Green Space in and around Delhi using Remote Sensing based Vegetation Index	International
4. International Conference on Geo-Engineering and Climate Change Technologies for Sustainable Environmental Management (GCCT-2015)	9-11th October, 2015	Department of Civil Engineering, MNNIT, Allahabad	Spatial pattern of urban landscape in Delhi NCT and its peri-urban area using Support Vector Machine technique	International

b) Research Papers/ Books/ Articles/ Others published (2015-16)

i) Research Papers/ Articles/ Chapters in published Books:

Name of the faculty with co-authors (sequentially)	**Title of the Research Paper**	**Name of the Journal, Vol. No., Year & pp. (ISSN/ISBN)**	**National/ International, Impact Factor/ Citation Index**
Dr. Jatisankar Bandyopadhyay			
Ismail Mondal, **Dr. Jatisankar Bandyopadhyay and** Ashis Kr. Paul	Recent Trend For Water Resource Management of Sustainable Development Through River-Interlinking Using Remote Sensing and GIS Technology: A Case	Conference on "Sustainable Development and Management of Ground Water Resources, its RemedialMeasures for Emerging Crisis and Climate Change in West Bengal"	National

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	Study on Sundarban River System, West Bengal, India,	Central Ground Water Authority & Central Ground Water Board Eastern Region, Kolkata-700 091 28th March 2016, Page No-153-164.	
Kartic Bera,**Jatisankar Bandyopadhyay,** Srabani Samanta,	Watershed prioritization using Geomatics Technology for development and Management of Groundwater Resources, West Bengal, Conference on "Sustainable Development and Management**):**of Ground Water Resources, its RemedialMeasures for Emerging Crisis and Climate Change in West Bengal	Conference on "Sustainable Development and Management of Ground Water Resources, its RemedialMeasures for Emerging Crisis and Climate Change in West Bengal" Central Ground Water Authority & Central Ground Water Board Eastern Region, Kolkata-700 091 28th March 2016, Page No-145-152.	National
Kartic Bera,**Jatisankar Bandyopadhyay**	SCS-CN Method Based Four Year Run-Off Calculation for Micro-Watershed Prioritization of Kansachara Sub-Watershed, Dwarakeswar System through Geoinformatics,	Chrome Publishing Journal of Water Resources and Environment Engineering 2016, Volume 2, Issue 1, pp. 74-84. .	National
Amrit Kamila, **Dr. Jatisankar Bandyopadhyay and** Ashis Kr. Paul	Monitoring water quality of surface water bodies from CRZ-I: A case study at Dakshin Purusotyampur and Dadanpatrabar villages, Contai coastal plain, West Bengal, India,	IJISET - International Journal of Innovative Science, Engineering & Technology, Vol. 3 Issue 1, January 2016.	International
Kartic Bera,**Jatisankar Bandyopadhyay,** Kunal Kanti Maiti,	Geoinformatics in Surface Water Management for Groundwater development inSemi-arid Terrain of Arkasa Sub watershed in Part of Bankura and PuruliyaDistrict, West Bengal, India,	Proceedings ofInternational SeminarCHALLENGES TO GROUND WATER MANAGEMENTVISION 2050, 13 - 14 November, 2015, Organised by Centre for Ground Water Studies at ITC Sonar, Kolkata	International
Ismail Mondal,	Studies on the Nature of	XXXIV INCA International	National

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Jatisankar Bandyopadhyay	Change in AquacultureThrough Application of Remote Sensing & GISTechniques: A Case Study on Sandeshkhali- I & II Blocks, North 24 Parganas,West Bengal, India	Congress (Hyderabad, India) Indian Cartographer, Vol.XXXIV|2014	
Ismail Mondal, **Jatisankar Bandyopadhyay**	Recent Trend Of Aquaculture Land Of Bidyadhari River Catchment Area Using Geospatial Techniques: A Case Study Of Haroa And Minakhan Block, North - 24 Parganas, West Bengal, India	AMERICAN RESEARCH THOUGHTS, ISSN: 2392-876x, Volume1, Issue 9, July 2015, PP.2119-2139.	International
Somnath Maiti, Rajat Satpathy, **Jatisankar Bandyopadhyay**, Ayyeum Perumal Thillai Jeyaseelan	Vegetation Parameter Derivation for Forest Health Measurement and Stress Detection in a Time Series,	Research & Reviews: Journal of Ecology ISSN: 2278-2230(online) Volume 4, Issue 3 www.stmjournals.com, RRJoE (2015) 19-26 © STM Journals 2015. All Rights Reserved.	National
Kunal Kanti Maiti, Sonjay Mondal, Debashish Chakravarty, **Jatisankar Bandyopadhyay**	Assessment of Vegetation Canopy using Geo-spatial Techniques over Mining Areas of Pandabeswar in Barddhaman District, West Bengal, India	International Journal of Remote Sensing & Geoscience (IJRSG), ISSN 2319-3484(online), Volume 4, Issue 4, July 2015, Page-18-22.	International
Sonjay Mondal, **Jatisankar Bandyopadhyay,** Debashish Chakravarty,	Land Information System Using Cadastral Techniques, Mining Area of Raniganj, Barddhaman District, India	International Journal of Remote Sensing Applications (IJRSA) Volume 5, 2015 www.ijrsa.org doi: 10.14355/ijrsa.2015.05.005, pp: 45-53.	International
Kunal Kanti Maiti, Sonjay Mondal, Debashish Chakravarty, **Jatisankar Bandyopadhyay**	Assessment Of Vegetation Canopy Using Geo-Spatial Techniques Over Mining Areas Of Pandabeswar In Barddhaman District, West Bengal, India,	International Journal Of Remote Sensing & Geoscience (IJRSG) Www.Ijrsg.Com, Pp-18-22	International
Somnath Maiti, Rajat Satpathy,	ASTER Spectral Analysis Based	STM Journals, Journal of Remote Sensing & GIS,	National

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Jatisankar Bandyopadhyay, Ayyeum Perumal Thillai Jeyaseelan	Vegetation Species Identification of the Forest Areas Situated in Ghatsila, Musabani and Dhalbhumgarh".	ISSN 2230-7990(online), Volume 6, Issue 2, 2015, Page-41-50.	
Dr. Abhisek Chakrabarty			
Chakrabarty A and Mandal S.P (2015)	"GIS based flash flood runoff simulation model of upper Teests river basin – using ASTER DEM and meteorological data."	International Journal of Environmental and Ecological Engineering Vol:2, No:4, 2015, Pp. 911[*ISSN*: 2070-3724]	0.83
Chakrabarty A and Ojha A. (2016)	"Village level land use land cover change dynamics and brackish water aquaculture development: A case study in Desopran Block, West Bengal, India - using multi-temporal satellite data and GIS techniques".	International Journal of Remote Sensing & Geoscience (IJRSG)Volume 5, Issue 1, Jan. 2016, Pp. 13, [ISSN: 2319-3484]	0.83
Mandal S.P and **Chakrabarty A** (2016)	"Flash flood risk assessment for upper Teesta river basin: using the hydrological modeling system (HEC-HMS) software."	Springer Journal:Modeling Earth Systems and Environment(MESE),Volume-2 Number-1, March-2016. [http://link.springer.com/article/10.1007/s40808-016-0110-1/fulltext.html] . [ISSN: 2363-6203 (Print) 2363-6211 (Online)]	1.485
Kayet N, Sahoo S and **Chakrabarty A.** (2016)	"Spatial Dynamics of Land Surface Temperature in Relation to Multiple Vegetation Indices using Thermal Remote Sensing Data"	Springer Journal:Modeling Earth Systems and Environment (MESE). [In Press] . [ISSN: 2363-6203 (Print) 2363-6211 (Online)]	0.79
Pani S, **Chakrabarty A,** Bhadury S (2016)	"Groundwater potential zone identification by analytical hierarchy processes (AHP) weighted overlay in GIS environment – A case study of Jhargram Block, Paschim Medinipur".	International Journal of Remote Sensing & Geoscience (IJRSG), Volume 5, Issue 3, 2016 [ISSN No: 2319-3484]	0.83
Kayet N, Pathak K,	"Spatial impact of land	Springer Journal:Modeling	1.2

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Chakrabarty A, Sahoo S (2016)	use/land cover change on surface temperature distribution in Saranda Forest, Jharkhand"	Earth Systems and Environment(MESE),Volume-2 Number-1, March-2016. [http://http://link.springer.com/article/10.1007/s40808-016-0159-x] . [ISSN: 2363-6203 (Print) 2363-6211 (Online)]	
Kayet N and **Chakrabarty A** (2016)	"Hyperspectral Image processing for Forest types Mapping and forest health monitoring: A case study in the buffer zones of iron mining belts of Saranda forest, Jharkhand, India"	Journal of GeoPython, Volume 1, 2016. Pp.11-20 [http://www.geopython.net/pub/Journal_of_GeoPython_1_2016.pdf] . [ISSN No: 2297-928X / 9936]	-
Kayet N, **Chakrabarty A,** Pathak K, Sahoo S (2016)	Urban heat island explored by corelationship between land surface temperature vs multiple vegetation indices.	Springer Journal:Spatial Information Research. Spat. Inf. Res. DOI 10.1007/s41324-016-0049-3 ISSN 2366-3286	0.79
Ms. Dipanwita Dutta			
Kundu, A., Patel, N. R., Saha, S. K. and **Dutta, D.**	Monitoring the extent of desertification processes in western Rajasthan (India) using geo-information science	*Arabian Journal of Geosciences*,Vol. 08, No. 08, 2015, pp. 5727-5737, **Springer**	International (1.224)
Sahoo, R. N., **Dutta, D.**, Khanna, M., Kumar, N. and Bandyopadhyay, S. K.	Drought assessment in the Dhar and Mewat districts of India using meteorological, hydrological and remote-sensing derived indices	*Natural Hazards,* Vol. 77, No. 02, 2015,pp. 733-751,**Springer**	International (1.746)
Dutta, D., Kundu, A., Patel, N. R., Saha, S. K. and Siddiqui, A. R.	Assessment of agricultural drought in Rajasthan (India) using remote sensing derived vegetation condition index (VCI) and standardized precipitation index (SPI)	*The Egyptian Journal of Remote Sensing and Space Sciences*, Vol. 18, No. 1, 2015, pp. 53-63, **Elsevier**	International
Kundu, A., Chatterjee, S., **Dutta, D.**and Siddiqui, A. R.	Meteorological trend analysis in western Rajasthan (India) using Geographical Information System and	*Journal of Environment and Earth Science*,Vol. 5 No. 5**,** 2015,pp.90-99	International

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	statistical techniques		
Dutta, D., Rahman, A and Kundu, A.	Growth of Dehradun city: an application of linear spectral unmixing (LSU) technique using multi-temporal Landsat satellite datasets	*Remote Sensing Applications: Society and Environment*, Vol. 1, No. 1, 2015, pp. 98-111, **Elsevier**	International
Dutta, D., Das, S., Kundu, A. and Taj, A.	Soil erosion risk assessment in Sanjal watershed, Jharkhand (India) using geoinformatics, RUSLE model and TRMM data	*Modeling Earth Systems and Environment*, Vol. 1, No. 37, 2015, pp. 1-9, **Springer**	International
Dutta, D., Das, C. S. and Kundu, A.	A geo-spatial study on spatio-temporal growth of brackish water aquaculture along the coastal areas of West Bengal (India)	*Modeling Earth Systems and Environment*, Vol. 2, No. 61, 2016, pp. 1-10, **Springer**	International
Kundu, A.,Dwivedi, S. and**Dutta, D.**	Monitoring the vegetation health over India during contrasting monsoon years using the satellite remote sensing indices	*Arabian Journal of Geosciences*, Vol. 9, No. 144, 2016, **Springer**	International (1.224)
Nandi, S, Ghosh, M., Kundu, A., **Dutta, D.** and Baksi, M.	Shoreline shifting and its future prediction of Sagar Island, West Bengal (India) using Geographical Information System and remote sensing techniques	*Journal of Coastal Conservation*, Vol. 20, No. 1, 2016, pp. 61-80, **Springer**	International (1.096)
Dutta, D., Kundu, A. and Ghosh, U.,	Remote sensing techniques for assessing spatio-temporal change in vegetation cover: a case study	"*Resource Management and Development Strategies: A Geographical Perspective"*, (Eds.) Siddiqui and Singh, Pravalika Publications, Allahabad, Uttar Pradesh, India. 2015, pp. 151-160	National
Kundu, A., **Dutta, D.**, Siddiqui, A. R., Patel, N. R. and Saha, S. K.	, Analysis of vegetation response to rainfall with satellite images in Bikaner district, Rajasthan (India): a geospatial approach in	"*Resource Management and Development Strategies: A Geographical Perspective*", (Eds.) Siddiqui and Singh, Pravalika Publications, Allahabad, Uttar Pradesh, India, 2015. pp. 81-88	National

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ii) Books Published:

Name of the faculty with co-authors (sequentially)	Book	Name of the Publisher	Year	National/ International

c) Research Projects

(i) Research Projects Initiated during the year

SL. No.	Name of the Faculty	Name of the Project	Inception	Funding Agency	Amount Sanctioned.
1.	Dr. Jatisankar Bandyopadhyay (Principal-Investigator)	Water Scarcity Management- A case study on Arkasa Sub Watershed West Bengal	16.10.2014	University Grant Commission	6,00000
2.	Dr. Jatisankar Bandyopadhyay (Co-Investigator)	Germplasm resource mapping and conservation of Endemic fresh water fishes of West Bengal and Sikkim through Geoinformation,	Duration in Year 2013-2016. Co-Investigator)	Funding Agency DST (SERB), Govt. of India	Amount: 3984000
3.	Dr. Jatisankar Bandyopadhyay (Co-Investigator)	"Resource Mapping, Conservation & Artificial Propagation Of Fish Germplasm In Arunachal Prasesh With Emphasis On Promotion Of Aquarium Fish Trade"	Duration in Year,2014-2017.	DBT NER TWINING PROGAMME	Budget: 5661000.

(ii) Research Projects completed during the year

SL. No.	Name of the Faculty	Name of the Project	Inception	Funding Agency	Amount Sanctioned
1.	Dr. Jatisankar Bandyopadhyay (Copi)	Germplasm resource mapping and conservation of indigenous ornamental fishes of north-east region through remote sensing & GIS and live	(Memo. No. BT/175/NE/ TBP/2011 DT-23/04/2012).	DBT under Twinning Program me	Budget: Rs7501000

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		gene bank for rural development"			

d) Consultancy Extended

SL. No.	Name of the Faculty	Consultancy Extended to	Area of Consultancy	Duration	Amount
1.					

e) MOU/Collaboration

SL. No.	Name of the Faculty/Department	Name of the Organization/ Institute with which MOU/ Collaboration is signed	Duration	Subject
1.				

f) Patents Generated

Name of the Faculty	Topic	Patent Registration No.

g) Faculty Members visited outside Organization like UGC, CSIR, DST, ICSSR, UPSC as experts/ Visiting Fellow

SL. No.	Name of the Faculty	Period of visit	Purpose	Name of the organization

h) Faculty Members attended Refresher/Orientation courses

SL. No.	**Name of the Faculty**	**Topic of the Refresher/ orientation course**	**Duration**	**Organized by**	**Sponsored by**
1	Dr. Abhisek Chakrabarty	Application and Deployment of E-Learning Platform in University: MOODLE	Date: 9 – 10, March 2016,	*Organized by* Computer Centre,Vidyasagar University - Midnapore, West Bengal- 721102.	MHRD, Govt. of India
		Partners in Learning "Teaching with Technology"	Oct-01 to Oct-09, 2015	Vidyasagar University, Midnapore-721102, W.B.	Training from Microsoft
2	Dipanwita Dutta	Refresher course on "Disaster Management"	9/01/2016-29/01/2016	UGC-HRD centre, Allahabad University	UGC

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06. Foreign students in the Department (if any)

Name of the student	Home Country	Year / Semester	YearAdmitted
Nil	-	-	-

07. Research Scholars in the Dept.
a) Research Scholars awarded Ph.D. during the year 2015-16

SL. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1	Kartic Bera	Dr. Jatisankar Bandyopadhyay	
2	Swati Ghosh	Dr. Ashis Kr. Paul	
3	Animesh Majee	Dr. Jatisankar Bandyopadhyay	

b) Research Scholars Registered During the Year (2015-16)

SL. No.	**Name of the Scholar**	**Name of the Supervisor**	**Title of the Thesis**
1	Samrin fatema	Dr. Abhisek Chakrabarty	Geo informatics in rain water inundation modeling : Rajpur, Sonarpur Municipality, South 24 Paragana District, West Bengal,India
2	Narayan kayet	Dr. Abhisek Chakrabarty	Forest type and health monitoring using hyperion data for geoenvironmental planning of iron ore mining field, Saranda Forest, Jharkhand ,India.
3	Sandip Tripathi	Dr. Abhisek Chakrabarty	Spatial pattern analysis of selected vector borne disease in relation to physical and socio cultural parameters using GIS in Kolkata, Kolkata Municipal Corporation, West Bengal,India
4	Anurupa Paul	Dr. Jatisankar Bandyopadhyay	Evolution of forms and processes of the Karstified Coasts of Havelock Island, Neil Island and Little Andaman, South Andaman District, India with application Spatial Information Technology
5	Kunal Kanti Maiti	Dr. Jatisankar	Geoinvironmental Studies in

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		Bandyopadhyay	relation to Mining activities: Noamundi, Jhinkpani and Jagannathpur Blocks, West Singhbhum, Jharkhand, India
6	Panchanan Das	Dr. Jatisankar Bandyopadhyay	Intregreted Fisheries resource Management of the Sundarban, West Bengal, India, using Remote Sensing and GIS

08. a) Seminars/ Symposia/ Workshop/Special Lectures organized in the Department during the year.

SL. No.	Name of the Seminar/ Symposium/ Workshop/Special Lectures	Duration	Funding Agency
1.	Nil	-	-

08. b) Visiting Fellow: Name, Designation and Tenure of the Work

09. New Academic Programs Initiated (if any): CBCS

10. Whether there is any change in the Curriculum during the year.

11. Whether any Examination Reform has been implemented during the year; if any please give the details. Yes

12. Honours and Awards to the Faculty Members during the year.

DR. ABHISEK CHAKRABARTY:
IGU (International Geographical Union **) Travel Grant** to attendInternational Geographical Union Regional Conference "IGU-2015" held on 17-21st August, 2015 at **Lomonosov Moscow State University (LMSU), Moscow, Russia.**
DST-SERB International Travel Support (Department of Science & Technology, Govt. of India) to attendInternational Geographical Union Regional Conference "IGU-2015" held on 17-21st August, 2015 at **Lomonosov Moscow State University (LMSU), Moscow, Russia.**
MS. DIPANWITA DUTTA :
WMO-ICTP grant for participating 'Advanced School & Workshop on Subseasonal to Seasonal (S2S) Prediction & Application to DroughtPrediction' at the Abdus Salam International Centre for Theoretical Physics **(ICTP), Trieste, Italy** held on 23rd November – 4th December, 2015

13. Whether the Dept. has received SAP, COSIST, ASSIST, DST-FIST etc. during the period. If yes please give the details.

14. Highlights of the Department:

15. Others (if any).

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DEPARTMENT OF ZOOLOGY

01. Name of the Department: Zoology

02. Name of the Teachers with Designation

Sl No	Name of the Teacher holding the Post	Present Designation	Area of Specialization
1	Prof. Susanta Kumar Chakraborty	Professor	Ecology
2	Prof. Bidhan Chandra Patra	Professor	Fishery Science
3	Prof. Jayanta Kumar Kundu	Professor	Genetics and Molecular Biology
4	Prof. Subrata Kumar De	Professor & Head	Fishery and Electron Microscopy
5	Mr. Biplab Mandal	Assistant Professor	Parasitology
6	Dr. Priyanka Halder Mallick	Assistant Professor	Aquatic Ecology
7	Dr. Sagar Acharya	Assistant Professor	Genetics and Molecular Biology

03. Examination Results (Final Examination) 2015

Name of the Exam.	No. candidates appeared	No. of candidates obtained First class	No. of candidates obtained Second class
Semester IV	42	42	Nil

04. Number of successful candidates appearing in NET, GATE, SET and other remarkable examinations.(2015-16)

NET	GATE	SET	Others
02	Nil	Nil	Nil

05. Teacher-wise record for the period (April 2015 to March 2016)

a) Participation in the Seminars / Symposia/ Workshops (Name of Co-Authors not required)

Name of the Seminar/Symposia/ Workshop	Duration	Held at	Title of the Paper Presented	National/ International
Prof. Susanta Kumar Chakraborty				
National seminar sponsored by UGC-SAP, New Delhi	20November to 21 November, 2015	Department of Zoology, Baripada University, Oddisha	Challenges and Practices of Biodiversity conservation with special reference to Herpatofauna	National (Invited Lecture)

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UGC sponsored National Seminer	23rd and 24th of November, 2015.	Department of Zoology, Midnapore College	Perspectives in Animal Sciences: Research and Application"	National (Invited Lecture)
International seminar	November 25th-27th, 2015	Department of Zoology, Sidho Kanho Birsha University, Purulia, WB - 723104, India	Exploring the Modern Approach in Biological Science: From Genome to Organism".	International (Invited Lecture)
Prof. Hiralal Chaudhuri Commemorative Conference	5th February,2016	Zoological Society, Kolkata in collaboration with Department of Zoology, University of Calcutta.	Research Innovations in Aquatic Genomics and Biotechnology---An Indian Perspective.	National (Chaired a Technical Session)
Prof. Hiralal Chaudhuri Commemorative Conference on Research Innovations in Aquatic Genomics and Biotechnology---An Indian Perspective.	5th February,2016	Zoological Society, Kolkata in collaboration with Department of Zoology, University of Calcutta.	5 papers have been presented as poster presentations 1)Aquaculture potential of Lingula anatine, a Precambrian brachiopod as newly recorded novel bioresource from West-Bengal-Odisha coast based on eco-biological study 2)Studies of meiobenthic faunal diversity of Midnapore(East) coast of West Bengal with respect to their fishery potential. 3)Vermicompost treated aquaculture---a new vista in green biotechnology. 4) Eco-Molecular excellence of an	National

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			intertidal benthic Nemertean from West-Bengal coast with an emphasis on its fishery and aquaculture potential. 5) Zooplankton populations as bioindicators of macrophyte-rich healthy freshwater wetlands.	
UGC sponsored National Seminar	26th February,2016	Department of Zoology, Tamralipta Mahavidyalaya,Tamluk—721636,Purba Medinipur,West Bengal,India	Wetland Bio-Resource Management: Problems and Prospects"	National (Invited Lecture)
Prof. Jayanta Kr. Kundu				
International Collaborative Conference on "Global Cancer Summit, 2015."	November 18 – 20, 2015	IISC, Bangalore	Oral Presentation on "Effect of Indian Gooseberry on Cadmium Induced Nephrotoxicity In Mus musculus"	International
International Seminar on "Exploring the Modern Approach in Biological Science: From Genome to Organism."	November 25 – 27, 2015	Department of Zoology, Sidho-Kanho-Birsha University, Purulia, W.B.	Oral Presentation on "Distribution of Puffer Fishes (Family: Tetraodontidae) along the Digha Coast, West Bengal, East Coast of India." Poster presentation entitled "Effect of Cadmium on Drosophila ananassae"	International
International Symposium on "Role of Herbals in Cancer Prevention and Treatment."	February 9 – 10, 2016	School of Life Sciences, JNU, New Delhi	Poster presentation entitled "Indian Gooseberry Serves as Cadmium Induced Damage Recovery Element	International

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			in Plasmid and Mammalian DNA"	
Prof: Subrata Kr. De				
National Workshop	October 13 – 16, 2015.	USIC, Burdwan University, West Bengal	ScanningElectron Microscopy'	National **(**Resource Person)
Mr. Biplab Mandal				
International seminar	Nov.25-27,2015	Organized by Department of Zoology,Sidho-Kanho-Birsha University,Purulia& SEBA, Kolkata,	Exploring the modern approach in Biological Science: From Genome to organism ,	International
.UGC sponsored Two Day National Seminar	March 30-31, 2016.	, Org. by Dept. of Human Physiology & Community Health, VU,	Trends of Physiological Research from Laboratory to Community,	National (Invited Lecture)
UGC sponsored two days National seminar	Nov.23-24,2015.	Department of Zoology, Midnapore College (Autonomous)	Perspectives in Animal Sciences: Research and Application	National
Participated in One week Training Programme – Teaching with Techonology	Oct.10-16, 2015.	conducted by MICROSOFT		National
Participated in UGC sponsored Two day National workshop	March 9-10, 2016.	Org. by Computer Center, VU,	Application and Deployment of e-learning platform in University: MOODLE,	National
Dr. Priyanka Halder Mallick				
Research Innovations in Aquatic Genomics & Biotechnology- an Indian Perspective (National level Young Scientists meet)	5-6th February, 2016	University of Calcutta.	'Microcrustacean Populations as Bioindicators of Healthy Macrophyte-Rich Freshwater Wetlands'	National
23rd West Bengal State Science & Technology Congress	28-29th February 2016	Presidency University, Kolkata	'A threatened insectivorous plant: in need of immediate conservation as Flagship species'	National

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Participated in One week Training Programme – Teaching with Techonology	Oct.10-16, 2015.	conducted by MICROSOFT		National
Participated in UGC sponsored Two day National workshop	March 9-10, 2016.	Org. by Computer Center, VU,	Application and Deployment of e-learning platform in University: MOODLE,	National

b) Research Papers/ Books/ Articles/ Others published (2015-16)

i) Research Papers/ Articles/ Chapters in published Books:

Name of the faculty with co-authors (sequentially)	**Title of the Research Paper**	**Name of the Journal, Vol. No., Year & pp. (ISSN/ISBN)**	**National/ International, Impact Factor/ Citation Index**
Prof. S. K. Chakraborty			
	Effect of Bio-organic amendments on the infestation of Major pests & Foliar disease, Leaf productivity in mulberry (*Morus alba* L).	*American Journal of Experimental Agricultur*.**7** (1): 10-16	International
	Fatty acid fractions of phospholipids in an inarticulate brachiopod fauna inhabiting in West Bengal- Odisha coast, India.	*European Journal of Pharmaceutical and Medical Research*. **2**(3): xxx-xxx. (**Accepted**)	International
	East Kolkata Wetland:Present Environment Status in respect of Biodiversity.	*International Journal of Enviornmental Sciences*.(**Accepted**).	International
	Fatty acid fractions of phospholipids in an inarticulate brachiopod fauna inhabiting in West Bengal- Odisha coast, India.	*European Journal of Pharmaceutical and Medical Research*. **2**(3): 620-633	International
	A First report of *Megodontolaimus coxbazari* Timm, 1969 (Nematoda: Chromadorida) from Indian coast: *Marine Biodiversity*.	Marine Biodiversity,18:1-7	International

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	Morphometric variation of different parameters of snail Segmentina trocoidea,vector of Fasciolopsis buski,in different seasons in a perennial aquatic body at Mourigram,Howrah,West Bengal, India.	International Journal of advanced Research 3(12):1584-1592.	International
	Insecticidal/Acaricidal efficacy of different formulation of plant oil against coconut eriophyid mite *Aceria guerreronis*.	International Journal of Zoology and Research 5(5):27-32.	International
	Lead accumulation profiles in the soft tissues of the Macrognathus pancalus during sub lethal chronic exposure in laboratory.	International Journal of Environment, Ecology, Family and Urban Studies. 5(6):35-50.	International
	Seasonal zonation pattern of meiobenthic fauna of an intertidal belt in the coastal area of Midnapore (East),West Bengal,India.	International Research Journal of Environmental Sciences,4(9):45-52	International
	Cyathoshiva amaleshi gen. n. sp. n. (Nematoda: Cyatholaimidae) from the coast of India.	Zootaxa 4126 (4): 577–586	International
	Does intra-site connectivity influence the dynamics of zooplankton metacommunity in fhresswater habitats?	(CFRI)Trabzon,Turkey,	International
	Cyclomorphosis of fresh water rotifers from wetlands of contrasting ecological feature – seasonal analysis.	Journal of Biodiversity and Environmental Sciences (JBES). 8(5): 155-163	National
	Morphometric variation of different parameters of snail Segmentina trocoidea,vector of Fasciolopsis buski,in different seasons in a perennial aquatic body at Mourigram,Howrah,West Bengal, India.	International Journal of advanced Research 3(12):1584-1592.	International
	Insecticidal/Acaricidal	International Journal of	International

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	efficacy of different formulation of plant oil against coconut eriophyid mite *Aceria guerreronis*.	Zoology and Research 5(5):27-32.	
	Lead accumulation profiles in the soft tissues of the Macrognathus pancalus during sub lethal chronic exposure in laboratory.	International Journal of Environment, Ecology, Family and Urban Studies. 5(6):35-50.	International
Prof. B. C. Patra			
	DNA barcoding to fishes: current status and future directions	Mitochondrial DNA Part A Taylor & Francis27 42744-2752 2016	International 1.70
	The crucial role and regulations of miRNAs in zebrafish development.	Protoplasma. Springer ISSN: 0033-183X doi:10.1007/s00709-015-0931-1	International 2.65
	MicroRNAs mediated regulation of MAPK signaling pathways in chronic myeloid leukemia."	Oncotarget ISSN: 1949-2553 Impact Journals,	International 6.36
	Comparative Study of Water Volume for Zooplankton Analysis in the Kangsabati Reservoir, West Bengal, India	Int. J. Pure App. Biosci 4 (3), 119-129	International
	Ichthyofaunal Diversity of Kangsabati River at Paschim Medinipur District, West Bengal, India	Proceedings of the Zoological Society, Springer	International
	Dietary Administered Bacillus sp. PP9 Enhances Growth, Nutrition and Immunity in *Cirrhinus mrigala* (Hamilton)	Proceedings of the National Academy of Sciences, India Section B: Biological Sciences Springer	International 0.396
Prof. J. K. Kundu			
	Biocontrol efficiency of two indigenous fishes Pethia conchonius and Trichogaster chuna against larvae of the mosquito, Culex quinquesasciatussay, 1823.	Asian Academic Research Journal of Multidisciplinary. 2(5): 38-52 ISSN: 2319-2801	International
	Diversity assessment of mosquito across habitats in the slum areas of Bankura,	International Journal of Multidisciplinary Research and Development.	International

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	West Beagal, India.	2 (11):595-601 PRINT ISSN: 2349-5979 ONLINE ISSN: 2349-4182	
	Nutritional aspect of crustaceans especially freshwater crabs of India	*Int. J. Adv. Res.Biol Sci.* 2 (12): 7-19 ISSN: 2348-8069	International
	Variation in lipid and fatty acid uptake among nematode and cestode parasites and their host, domestic fowl: host–parasite interaction.	*J Parasit Dis:* 1 – 25 PRINT ISSN: 0971-7196 ONLINE ISSN: 0975-0703	International
	Bancroftian Filariasis in four Slums of Bankura, West Bengal, India.	Asian Pacific Journal of Tropical Diseases (Elsevier) 6 (9): 699- - 708. ISSN: 2222-1808	International 0.79
	Ameliorative Effects of the Homeopathic Medicine Lycopodium 200c and Extract of *Phyllanthus emblica* in Cadmium Induced Neurotoxicity in Mice	*Curr. Sci.* ISSN: 0011-3891 **(accepted)**	International
Prof. Subrata Kr. De			
	Ultrastructural studies on the nuclear elements in differentiating and degenerative ciliated olfactory neuron of *Pseudapocryptes lanceolatus* (Gobiidae: Oxudercinae*).*	Egyptian Journal of Basic and Applied Sciences (Elsevier), 2 (2015): 295 – 302.	International
	Acetylcholine Esterase (AChE) Activity in Ciliated Olfactory Neuron of a Teleostean: Gobiid [*Pseudapocryptes lanceolatus* (Bloch and Schneider, 1801)].	International Journal of Science and Nature, 6 (3): 444 – 446. [ISSN: 0973-3140]	International
	Ecomorphological Adaptation of Olfactory Apparatus in *Amphipnuous cuchia* (Hamilton, 1822.	Indian Journal of Biological Sciences, 21: 1-5. [ISSN: 0972-8503]	National
	Innovation in Breeding Unveil a New Avenues for Quality Seed Production in Captivity.	International Journal of Agricultural Extension and Rural Development Studies. 3 (1): 37 – 45. [ISSN: 2058-9093]	International
	Electron Microscope Based	Journal Microscopy and	International

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	X-ray Microanalysis on Bioaccumulation of Heavy Metals and Neural degeneration in Mudskipper [*Pseudapocryptes lanceolatus*].	Ultrastructure (Elsevier), *In Press*.	
	Histoanatomical Study on the Olfactory Neuroepithelium of a Mud-dwelling Spiny Eel [*Mastacembelus armatus* (Lacepede, 1800)].	Romanian Journal of Biology – Zoology. *Under Communication*	International
Mr. Biplab Mandal			
	Diversity assessment of mosquito across habitats in the slum areas of Bankura, W.B., India	". *International Journal of Multidisciplinary Research and Development***2** (II) 595-601.	International
	"Biocontrol efficiency of two indigenous fishes *Pethia conchonious* and *Trichogaster chuna*against larvae of mosquito, *Culex quinquefasciatus,* say, 1823.	*Asian Academic Research Journal of Multidisciplinary.***2**(5)38-52.	International 0.675
	"Isolation of Antibiotic Heavy Metal Resistance Bacteria from organs of Sewage Fed Farm Fish."	*Indian Journal of Biology.***2** (2), 105-109	
	"Bancroftian filariasis in four slum of Bankura, W.B., India. *Asian Pacific*	*Journal of Tropical Disease* (Elsevier) **6** (9): 699-708	International 0.79
	Fish Diversity and Water Quality Assessment of the River Damodar in and around Burdwan, West Bengal, India.	*Indian Journal of Biology* **3** (1), 9-18	
	A New Novel Bacterium *Paenibacillus koreensis* in Ulcerative Condition of Three Air Breathing Fishes feeding in its Natural Habitat,	*Asian Academic Research Journal of Multidisciplinary* **3**(5) 1-25.	International
Dr. Priyanka Halder Mallick			
	Does Intra-site Connectivity influence the Dynamics of Zooplankton Metacommunity in Freshwater Habitats?	Turkish Journal of Fisheries and Aquatic Sciences 15: 661-675(2015)	International 0.543

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	Temporal variation in the density and diversity of plankton in two contrasting freshwater wetlands of Paschim Medinipur, Paschim Banga, India	In: Sustainable Biodiversity in the 21st Century' (Ed. B. K. Dutta & P. Choudhury). pp. 16-29. (2015)	International

ii) Books Published:

Name of the faculty with co-authors (sequentially)	Book	Name of the Publisher	Year	National/ International
(Name of the faculty)				

c) Research Projects

(i) Research Projects Initiated during the year

SL. No.	Name of the Faculty	Name of the Project	Inception	Funding Agency	Amount Sanctioned.
1.	Prof. B. C. Patra	WBAQUAGIS		NRDMS, DST, Govt. of India	28,20,000/-
2.	Prof. J. K. Kundu	Innovative Research Project on "Cadmium Toxicity and its Remedies by Herbal and Homeopathic Extracts."		U G C	50000=00
		Out-reach Project on "Ethnographic Awareness on the Life and Culture of Ethnic Community at Jungle Mahal"		U G C	50000=00
3.	Dr. S. Acharya	Assessment of Anaemia in the tribal population of West Bengal		UGC Innovative Program	6,00,000/-

(ii) Research Projects completed during the year

SL. No.	Name of the Faculty	Name of the Project	Funding Agency	Amount Sanctioned.

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1.	Prof. B. C. Patra	Germplasm resource mapping and conservation of Endemic fresh water fishes of West Bengal and Sikkim through Geoinformation	SERB, DST Govt. of India	39,84,000/-
2.	Prof. S. K. De	'Fine structural demonstration on olfactory neuroepithelium of *pseudapocryptes lanceolatus* (Bloch and Schneider) with special reference to electron enzymology and x-ray microanalysis'	U G C	**Rs.** 11,41,800.00/-
3.	Dr. Sagar Acharya	Delineating signal cascades induced by colonization factor CFA/I of enterotoxigenic *E coli*.	UGC, Govt. of India.F.20-33/2013(BSR) dated 09/12/2013	6,00,000/-

d) Consultancy Extended

SL. No.	Name of the Faculty	Consultancy Extended to	Area of Consultancy	Duration	Amount
1.					

e) MOU/Collaboration

SL. No.	**Name of the Faculty/Department**	**Name of the Organization/ Institute with which MOU/ Collaboration is signed**	**Duration**	**Subject**
1.	Prof. B. C. Patra	Hallym University, South Korea	03 yrs	Computational Biology
		Department of Fishery, Nagaland Govt.	03 yrs.	Fishery / Aquatic Biology
		Central Aquaculture Genetics Laboratory, Rajiv Gandhi Centre for Aquaculture (RGCA) (MPEDA, Ministry of Commerce & Industry,	03 yrs.	Fish Genomics

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		Govt. of India)		

f) Patents Generated

Name of the Faculty	Topic	Patent Registration No.

g) Faculty Members visited outside Organization like UGC, CSIR, DST, ICSSR, UPSC as experts/ Visiting Fellow

SL. No.	Name of the Faculty	Period of visit	Purpose	Name of the organization

h) Faculty Members attended Refresher/Orientation courses

SL. No.	**Name of the Faculty**	**Topic of the Refresher/ orientation course**	**Duration**	**Organized by**	**Sponsored by**
1.	Dr. Sagar Acharya	Research Methodology	1st Feb 2016- 23rd Feb 2016	HRDC, Lucknow University	UGC

06. Foreign students in the Department (if any): No

Name of the student	Home Country	Year / Semester	YearAdmitted

07. Research Scholars in the Dept.

a) Research Scholars awarded Ph.D. during the year 2015-16: 10

SL. No.	**Name of the Scholar**	**Name of the Supervisor**	**Title of the Thesis**
1	Dr. Debdas Jana	Prof. S. K. Chakraborty	*Diversity and distribution of insects in the coastal environment of Midnapore (East), West Bengal, India*
2	Dr. Tapas Kumar Das.	Prof. S. K. Chakraborty	*Mangrove plant biochemicals, their transmission and transformation by detritivore and ecological study at the molecular level.*
3	*Dr. Priyanka Halder Mallick*	Prof. S. K. Chakraborty	*Diversity and Community Interactions of Zooplankton in Freshwater Wetlands of West*

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			Midnapore District India.
4	Dr.Sayantani Pattanayak	Prof. S. K. Chakraborty	*Studies on the role of selected soil fauna in the nutrient cycling in forest ecosystem*
5	Dr. Poulomi Sanyal	Prof. S. K. Chakraborty	*Hydrobiological and Geomorphological Study of Wetlands of Kolkata, West Bengal, India*
6	Dr. Sudipto Kumar Ghorai	Prof. S. K. Chakraborty	*Ecology and biology of Nemertines in intertidal mudflats of Talsari (Orissa), India*
7	Dr. Amalesh Bera	Prof. B. C. Patra	*Study on Fish Faunal diversityand their Relationship with Planktonic Communityof The Kangsabati Reservoir, West Bengal, India.*
8	Dr. Debasish Dey	Prof. B. C. Patra	*Incidence and correlation between Tuberculosis, HIV and Diabetes in the East Midnapore district of West Bengal, India.*
9	Dr. Mohua Das	Prof. J. K. Kundu	*Major Lipid classes & their Fatty acid in the flesh of an edible Marine and an edible Fresh Water Crab*
10	Dr. Suvendu Samanta	Prof. Subrata Kr. De	Studies on the Anatomy and Ultrastructure of the Thymus of Aplocheilus panchax (Hamilton, 1822)

b) Research Scholars Registered During the Year (2015-16): 06

SL. No.	Name of the Scholar	Name of the Supervisor	Title of the Thesis
1	Smt. Swasti Barman	Prof. S. K. De	Cytological studies on….. guntea (Hamilton, 1822)
2	Mr. Biplab Mahata	Prof. S. K. De	Microscopical Studies ……(Class: Phascolosomatidea)
3	Mr. Sanjit Basak	Prof. S. K. De & Prof. S. K. Chakraborty	Functional Morphology….. of Sundarban , India
4	Smt. Arundhuti Ganguly	Prof. S. K. Chakraborty (Joint)	
5	Smt. Munmun Mallick (Ghosh)	Prof. S. K. Chakraborty (Joint)	
6	Mr. Abhisek Das	Dr. Sagar Acharya	Molecular Identification…

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			in the fishes of West Bengal.

08. a) Seminars/ Symposia/ Workshop/Special Lectures organized in the Department during the year.

SL. No.	Name of the Seminar/ Symposium/ Workshop/Special Lectures	Duration	Funding Agency
1.			
2.			

b) Visiting Fellow: Name, Designation and Tenure of the Work

09. New Academic Programs Initiated (if any): No

10. Whether there is any change in the Curriculum during the year: No

11. Whether any Examination Reform has been implemented during the year; if any please give the details. : No

12. Honours and Awards to the Faculty Members during the year.

13. Whether the Dept. has received SAP, COSIST, ASSIST, DST-FIST etc. during the period. If yes please give the details. No

14. Highlights of the Department.

a) Professor Bidhan Chandra Patra: Received D.Sc Degree from Utkal University (47 th Convocation, 16 th Feb, 2016)
b) Mr. B. Mandal: 1) Nominated as National Editorial Advisory Board Member of Indian Journal of Biology. ISSN 2394-1391 (p), 2455-8249 (e)
2) Nominated member of Institutional Animal Ethical Committee (IAEC) at I I T, Kharagpur.
c) Dr.P.Halder Mallick: Awarded the best oral presentation prize in the Animal Science category at the 23rd West Bengal State Science & Technology Congress during February 2016.

15. Others (if any).

Faculty members were nominated in different academic selection committee in different capacities.

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Iswar Chandra Vidyasagar

(1820 - 1891)

Iswar Chandra Bandopadhyay was born on September 26, 1820 at Birsingha village in the undivided Midnapore district of West Bengal. His father was Thakurdas Bandopadhyay and mother Bhagawati Devei. He received his education in the Sanskrit Collegiate School and Sanskrit College, Calcutta. In recognition of his extraordinary performacne in studies, the title "Vidyasagar" (Ocean of Learning) was conferred on him. Since then he became famous all over the country as Pandit Iswar Chandra Vidyasagar. In addition to this efudition he was also famous as "Dayar Sagar" (Ocean of kindness) as recognition of his exemplary kindheartedness. He passed away on July 29, 1891 at the age of seventy.

Iswar Chandra Vidyasagar was a Bengalee Polymath and a pillar of the Bengal Renaissance. He was a philosopher, academic, educator, writer, translator, printer, publisher, entrepreneur, reformer and philanthropist - all rolled into one. He was one of the first person in India to realize that modern sciecne was the key to India's future. He sought to inculcate a spirit of scientific inquiry among young Bengalees by emphasizing the importance of studying European Empiricist Philosophy of Francis Bacon and Inductive logic of John Stuart Mill. He was also great champion of the uplift of the status of women in India, particularly in Bengal. Unlike some other reformers, who sought to set up alternative societies or systems, he endeavored to transform orthodox Hindu Society from within. In the face of opposition from the orthodox Hindu establishment, he vigorously promoted the idea of widow re-marriage. It was through his pioneering efforts that the Widow Remarriage Act XV of 1856 was passed. As a first rate linguist, he re-constructed the Bengali alphabet and reformed Bengali typography into an alphabet of twelve vowels and forty consonants. His contributioin to both Bengali and Sanskrit literature is immeasurable. Rectitude and Courage were the hallmark of Vidyasagar's character and he was decidedly much ahead of his time. Shortly after Vidyasagar's death, Rabindranath TAgore reverently wrote about him: "One wonders how God, in the process of producing forty million Bengalees, produced a man!"

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