



UNIVERSITY OF GOUR BANGA
MALDA, WEST BENGAL

ANNUAL REPORT
(2020-2021)





Shri Jagdeep Dhankhar, Hon'ble Chancellor of the University of Gour Banga



Dr. Shanti Chhetri, The Hon'ble Vice-Chancellor of the University of Gour Banga

Section/ subsection no.	Name	Page number
1.0	Infrastructure and Administrative Services	6
1.1	University layout	7
1.2	Space Allocation	9
1.3	Contact details of the University offices	13
1.4	University at a glance	14
1.4.1	Mission of the university	14
1.4.2	A brief about our university	15
1.4.3	Vice-Chancellor since inception	16
1.4.4	Dean since inception	17
1.4.5	Academic, Administrative and Infrastructural Status of the University of Gour Banga	17
1.4.6	Courses offered in UG and PG level	18
1.4.7	Administrative officers	19
1.4.8	Non-teaching staffs	20
1.4.9	Ad-hoc employees	20
1.4.10	Extension centre	22
1.5	Achievements of the university in last one year	22
1.6	University Executive Bodies	23
1.7	Members of the University Court	24
1.8	Office of the Registrar	25
1.9	Office of the Finance Officer	32
1.10	Office of the Controller of Examinations	33
1.11	Office of the Inspector of Colleges	36
1.12	Office of the Librarian	41
1.13	Office of the Development Officer	41
1.14	Office of the University Engineer	44
2.0	Extension Centres and Services	50
2.1	Office of the Programme Co-ordinator National Service Scheme	51
2.2	Internal Quality Assurance Cell (IQAC)	51
2.3	University Medical Unit	53
2.4	University SC, ST, OBC Cell	53
2.5	University Sports Board	53
3.0	Academic Departments and Services	55
3.1	Department of Arabic	56
3.2	Department of Bengali	58
3.3	Department of Botany	61
3.4	Department of Chemistry	65

3.5	Department of Commerce	68
3.6	Department of Computer Science	73
3.7	Department of Economics	77
3.8	Department of Education	79
3.9	Department of English	83
3.10	Department of Food and Nutrition	91
3.11	Department of Geography	91
3.12	Department of History	103
3.13	Department of Law	105
3.14	Department of Library and Information Science	107
3.15	Department of Mass Communication	109
3.16	Department of Mathematics	110
3.17	Department of Philosophy	115
3.18	Department of Physics	123
3.19	Department of Physiology	126
3.20	Department of Political Science	128
3.21	Department of Sanskrit	135
3.22	Department of Sociology	139
3.23	Department of Zoology	141

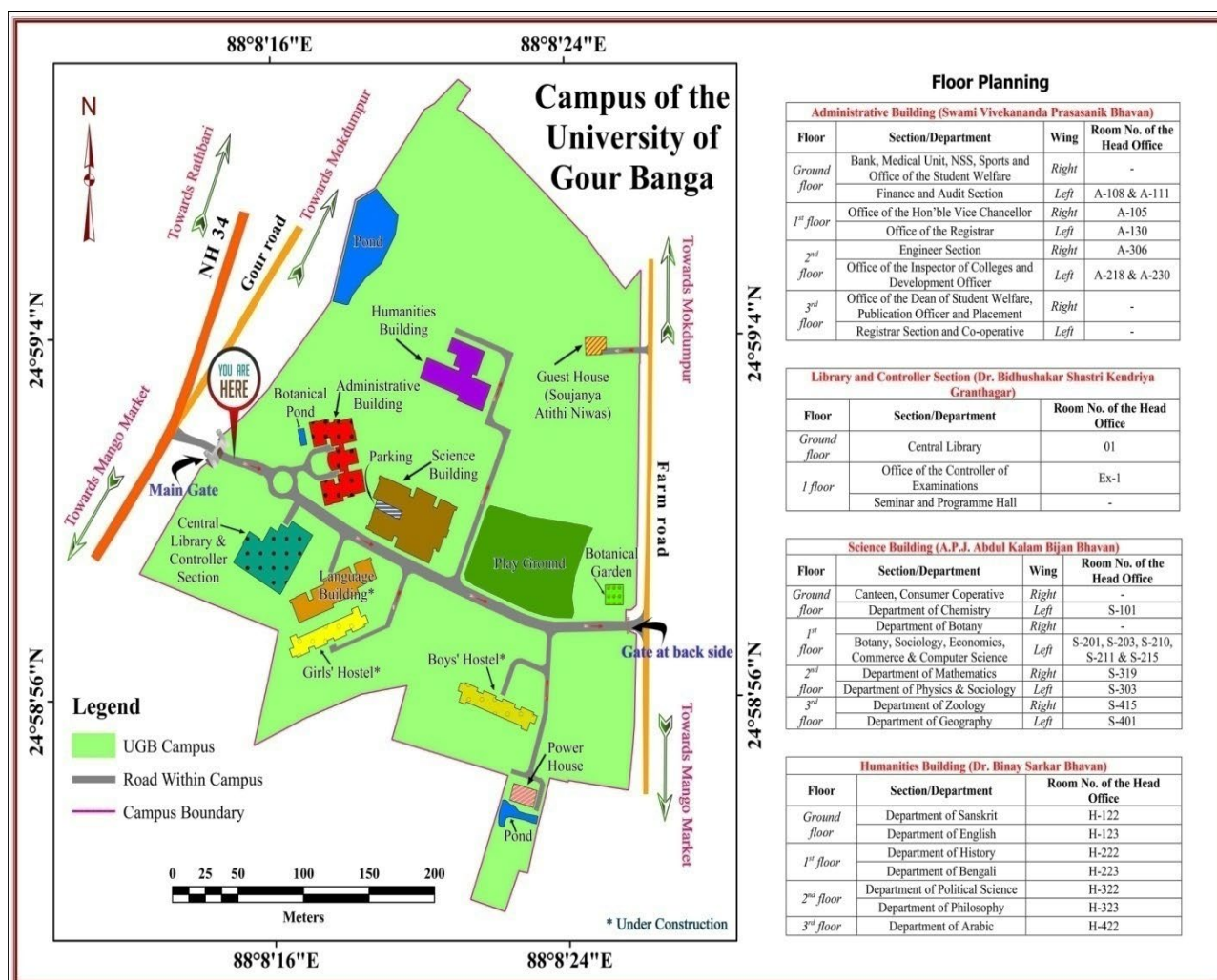
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Infrastructure and Administrative Services

1.1 UNIVERSITY LAYOUT:



UNIVERSITY OF GOUR BANGA CAMPUS (Under Master Plan)



UGB Campus built areas (Academic. Administrative departments
Hostels, Guest house, play grounds, roads)

1.2 SPACE ALLOCATION

Space Under Different Departments and Sections in Administrative Building (Swami Vivekananda Prasasanik Bhavan)

Floor	Deptt./Section	Room No.	Room No. of the Head Office
Ground floor	Bank, Medical Unit, NSS, Sports and Student Welfare	A-101 to A-107	A-101: Bank A-102: NSS A-103: Medical Unit A-105: Student's welfare A-106: Sports room A-107: Centre for Disabled
Ground floor	Finance Section	A-108 to A-114	A-111: Office of F.O. A-108: Audit Officer A-113: Cashier
1 st floor	Office of the Hon'ble Vice Chancellor	A-105 & A-204 to A-208	A-105: Hon'ble Vice Chancellor A-205: Director IQAC A-207: Dean of Arts A-208: Dean of Science
1 st floor	Office of the Registrar	A-127, 128, 129, 130, 133 & A-211, 217, 220 & 221	A-130: Registrar A-211: Assistant Registrar(PG) A-129: Deputy Registrar; A-221 Asst. Registrar (UG and Admin)
2 nd floor	Engineer Section	A-301 to A-305	A-306: Engineer A-305: Assistant Engineer A-303: Estate Officer
2 nd floor	Office of the Inspector of Colleges and Development Officer	A-317, 318, 321, 322, 330	A-318: Inspector of Colleges A-330: Development Officer

3 rd floor	Office of the Dean of Student Welfare, Publication Officer, Placement and Department of Law	A-401 to A-406	A-406: Dean of Student Welfare A-403: Publication Officer A-405: Placement and Student Welfare Office
3 rd floor	Registrar Section, Co-operative, Department of Food and Nutrition	A-317, 318, 321, 322, 322	Not defined yet

**Central Library and Office of the Controller of Examinations
(Dr. Bidhushakar Shastri Kendriya Granthagar)**

Floor	Section/Deptt.	Room No.	Office of the Head
Ground Floor	Central Library, Department of Mass Communication and Department of Library & Information Science	01-11	01: Librarian
1 st Floor	Office of the Controller of Examinations	Ex-01 to Ex-17	Ex-1: Controller of Examination
1 st Floor	Seminar and Programme Hall	18	NA

**Space Under Different Departments in
Humanities Building I (Dr. Binay Sarkar Bhavan)**

Floor	Department	Room No.	Office of the Head
Ground Floor	English	H-101 to H-105, H-106, H-108, H-109, H-116 to H-121, H-123	H-123
Ground Floor	Sanskrit	H-107, H-110 to H-115, H-116 to H-121, H-122	H-122
1 st Floor	Bengali	H-201 to H-206, H-208, H-209, H-216 to H-221, H-223	H-223

1 st Floor	History	H-207, H-210 to H-215, H-216 to H-221, H-222	H-222
2 nd Floor	Political Science	H-301 to H-306, H-308, H-309, H-316 to H-321, H-322	H-322
2 nd Floor	Philosophy	H-307, H-310 to H-315, H-316 to H-321, H-323	H-323
3 rd Floor	Arabic	H-401 to H-406, H-408, H-409, H-416 to H-421, H-422	H-422
3 rd Floor	Education	H-407, H-410 to H-415, H-416 to H-421, H-423	H-423

**Space Under Different Departments in
Science Building (A.P.J. Abdul Kalam Bijan Bhavan)**

Floor	Wings	Department	Room No.	Office of the Head
Ground Floor	Left	Chemistry	S-101 to S-108, S-118, S-120 to S-124 & S-128	S-101
Ground Floor	Right	Canteen, Consumer & Cooperative	S-109 to S-117 & S-124 to S-127	NA
1st Floor	Left	Sociology	S-202 to S-204, S-219 & S-306	S-203
	Left	Economics	S-205 to S-206 & S-211 to S-212	S-211
	Left	Commerce	S-207 to S-210	S-210
	Left	Computer Science	S-213 to S-217	S-215
	Left	Physiology		

1st Floor	Right	Botany	S-220 to S-229 & S-201(Left Wings)	S-201
2nd Floor	Left	Physics	S-301 to S-305, S-307 to S-312 & S-317	S-303
2nd Floor	Right	Mathematics	S-313 to S-319	S-319
3rd Floor	Left	Geography	S-401 to S-414	S-401
3rd Floor	Right	Zoology	S-415 to S-423	S-415

1.3 CONTACT DETAILS OF THE UNIVERSITY OFFICES

COMMUNICATIONS

Postal Address	:	University of Gour Banga, N.H. 34 Mokdumpur, Malda 732103 West Bengal, India
Website	:	www.ugb.ac.in
E-mail	:	registrar@ugb.ac.in
Phone	:	03512-223664
Fax	:	03512-223568
Vice-Chancellor	:	Office: 03512-223666 e-mail: vc@ugb.ac.in
Registrar	:	03512-223664 e-mail: registrar@ugb.ac.in
Director, IQAC	:	9433126244/7003398773 ugb.bikash@gmail.com
Finance Officer	:	03512-223665 e-mail: financeofficer@ugb.ac.in
Controller of Examinations	:	03512-223668 e-mail: controller@ugb.ac.in
Inspector of Colleges	:	0943343945 e-mail: to_ic@ugb.ac.in
University Library	:	9433339016 e-mail: biswajit@myself.com
University Engineer	:	03513-221086 e-mail: ue@ugb.ac.in
Development Officer	:	03512-221210 e-mail: do@ugb.ac.in
Coordinator, NSS	:	09434636183 sadhanugb@gmail.com

1.4 UNIVERSITY AT A GLANCE

1.4.1 MISSION OF THE UNIVERSITY

Gour Banga University has been established by the state Government of West Bengal in 2008 vide West Bengal Act XXVI of 2007 in the ancient land of “Gour Banga” as a multi-disciplinary, research led institute of global stature in order to provide the world-class education to students from all strands of society of three underdeveloped district of West Bengal i.e. Malda, South Dinajpur & North Dinajpur. The University aims to disseminate and advance knowledge and skill by providing instructional, research and extension of facilities for learning and promotion of:

- Innovations in education leading to restructuring of courses, new methods of teaching, training and learning, blended learning, continuing education and such other nodes and integrated and wholesome development of personality.
- Studies in various disciplines.
- Inter disciplinary studies\national intimation, secularism, social equity and engineering of international understanding and ethics.

Knowledge is the path to freedom. Political freedom; freedom from repression and coercion; freedom from want and hunger; freedom to seize opportunities and realize dreams; freedom of expression and personal development; indeed the full range of freedoms that characterize the human ideal, all are made possible, strengthened and deepened by the acquisition and application of knowledge. The University of Gour Banga is contributing and will continue to contribute to the process of creating and disseminating knowledge, cementing the path through which individuals and communities both within and outside India can realize and exercise these universal freedoms. The University is dedicated to the discovery, development; organization, preservation, dissemination, and application of knowledge in a wide range of fields with the purpose of expanding the scale and scope of human understanding and contributing to the betterment of the world. Committed to excellence in teaching, research and service, the University will serve the higher education needs of this Gour Banga and the world beyond.

The motto of the University as engraved on its emblem is “Charaiveti”. It is an aphorism from the Aitareya Brahmana, which means “Go on”. A powerful and potent word, in true Upanishadic style it exhorts us to move on and keep going. From its very inception, it dedicated itself for the betterment of its student.

The University has a strong emphasis on leadership, responsibility and service to society, including a focus on the skills required to manage and lead public institutions, commercial enterprises and organizations in civil society. Its interdisciplinary focus is preparing its students not only to specialize in specific disciplinary areas but also to develop a broad-based learning foundation that incorporates a range of academic disciplines including the sciences and social sciences, humanities, and the education. Supporting, fostering and encouraging a range of research, scholarship and creative expression and the integration of teaching and research are vital aspects of the University’s mission.

1.4.2 A BRIEF ABOUT OUR UNIVERSITY

1. Name of the University : University of Gour Banga
2. Date of Establishment : 2008
3. Type of the University : State Aided University
4. Date of UGC recognition : 1 September, 2008
5. Chancellor : His Excellency Hon'ble
Governor of West Bengal,
Shri Jagdeep Dhankhar
6. First Vice-Chancellor : Professor Surabhi Banerjee
7. Present Vice-Chancellor : Dr. Shanti Chhetri
8. Jurisdiction of the University : Malda, Dakshin Dinajpur
and parts of Uttar Dinajpur
9. Affiliated Colleges / Institutions
 - a) Total no. of Affiliated Colleges /
Institutes / Centre : 25
 - b) Number of General Degree Colleges : 25
 - c) Number of Government Colleges : 02
 - d) Number of Girls Colleges : 02
 - e) Number of Law Colleges : 01
 - f) Number of college with post graduate : 02
10. Area of the Campus (Acres)
 - a) Main Campus : 30.51 Acres
 - b) Others : N.A.
11. Staff Strength

	Sanctioned	In Position	
Officers	10	06	
Teachers	156	88	
Non-teaching Staff	42	16	

12. Students Enrolment

Total

- a) Undergraduate : 35929
- b) Postgraduate : 1225
- c) Postgraduate (in affiliated Colleges) :
- d) Directorate of Distance Education : N.A.
- e) Ph. D : 69

14. Number of Faculties (P.G.)	:	Two
a) Faculty Council for Postgraduate Studies	:	Yes
b) Council for Undergraduate Studies	:	N.A.
15. Board of Studies		
a) Postgraduate	:	23
b) Undergraduate	:	26
16. Numbers of Book and Journals in University Library		
a) Books	:	12007
b) Journals	:	11
17. Number of NSS Units at UGB	:	10
18. Students Hostels		
a) Boys	:	01
b) Girls	:	01
19. Guest House	:	01
20. Amenity Center	:	Nil
Computer Centre	:	01

1.4.3 VICE-CHANCELLORS SINCE INCEPTION

S. No.	Name	Tenure
1.	Professor Surabhi Banerjee	15.05.2008 - 09.06.2009
2.	Professor Gopa Dutta	09.06.2009 - 14.05.2012
3.	Professor Achintya Biswas	14.05.2012 - 20.09.2013
4.	Dr. Shyamsundar Bairagya (Officiating)	20.09.2013 - 22.10.2013
5.	Professor Gopalchandra Misra	22.10.2013 - 27.11.2017
6.	Professor Swagata Sen	01.12.2017 - 03.03.2020
7.	Professor Chanchal Chaudhuri	03.03.2020 - 02.03.2021
8.	Dr. Santi Chetri	02.03.2021 - till date

1.4.4 DEAN SINCE INCEPTION

Faculty	Name	Contact details
The Dean, Faculty Council of Post-graduate Studies in Humanities, Social Sciences, and Commerce, University of Gour Banga	Professor Bikash Roy	
	Professor Souren Bondhopadhyay (Current)	Mob:9434347428 Email:saurenugb@gmail.com
The Dean, Faculty Council of Post-graduate Studies in Science, University of Gour Banga	Professor Chanchal Choudhury	
	Professor Shyamapada Mandal (Current)	Mob:9831279239 Email:samtropmed@gmail.com

1.4.5 ACADEMIC, ADMINISTRATIVE AND INFRASTRUCTURAL STATUS

- The University is situated at the outskirts of the English Bazar Municipality (Malda) on an area of land measuring 30.51 acres. All the colleges of the districts of North Dinajpur, South Dinajpur and Malda except Islampur College and Raiganj University College are under the perview of University of Gour Banga, Malda. Currently, there are 25 affiliated General Degree Colleges, providing B.A. /B.Sc. /B.Com. / B.C.A. courses and one college offering five years integrated L.L.B. course. The total intake capacity of the affiliated General Degree Colleges at present stands 1,20,000 approximately. The only one Law College is running with 250 nos. of students in five semesters.
- The University is running with 23 Post Graduate Departments at present. The subjects are *Arabic, Bengali, Botany, Chemistry, Commerce, Computer Science, Economics, Education, English, Food & Nutrition, Geography, History, LL.M, Library & Information Science, Mass Communication & Journalism, Mathematics, Philosophy, Physics, Physiology, Political Science, Sanskrit, Sociology and Zoology*. The Intake Capacity of the said departments stands more than 1535. All the PG Departments are running with Ph.D some of them M. Phil as well. Most of the teaching posts are already filled in and the process of recruitment of the remaining posts is going on.
- Presently there are two Affiliated General Degree Colleges offering PG Courses on self-financing basis. Malda College, Malda, offering PG courses on English, History and Bengali and Balurghat College, Dakshin Dinajpur, offering PG courses on Bengali, History and Sanskrit.
- Ten other job oriented Post Graduate Departments are going to be introduced very soon. The departments are: *Tourism Management/Hospitality Management, Foreign Trade Practice, Floriculture, Agri-Business and Agro Processing Bio-Fertiliser & Bio-Pesticides, Communicative English & Soft Skill Development, Forestry & Wild Life Management, Hospital Management Para-Medical Technology & Services, Fisheries and Aquaculture, Multimedia & Web Development Technology, Animation Science*.
- Ten posts of Officers of the University have so far been sanctioned. Recruitment of 06 of such posts has already been done.
- Forty nos. of posts of non-teaching staff have so far been sanctioned for the University. 16 of such posts have so far been filled. In addition to them, the university is also supported by 121 Ad hoc staff members.

- Ten Units of NSS, apart from doing various activities of the University, are engaged in performing various social works like arrangements for Blood Donation Camps and observations of the Independence Day, Republic Day, University Foundation Day, *Bhasha Diwas* etc.

1.4.6 COURSES OFFERED IN UG AND PG LEVEL

Courses offered at UG level

Sl. No.	Hons. Subject	Sl. No.	Hons. Subject	Sl. No.	General Subject	Sl. No.	General Subject
1	Accountancy	12	Hindi	1	Arabic	13	Hindi
2	Arabic	13	History	2	Bengali	14	Home Science
3	Bengali	14	Mass Communication & Journalism	3	Botany	15	Mass Communication & Journalism
4	Botany	15	Mathematics	4	Chemistry	16	Mathematics
5	Chemistry	16	Philosophy	5	Computer Science	17	Philosophy
6	Computer Science	17	Physics	6	Defense Studies	18	Physical Education
7	Economics	18	Political Science	7	Economics	19	Physics
8	Education	19	Sanskrit	8	Education	20	Political Science
9	English	20	Sociology	9	English	21	Sanskrit
10	Food & Nutrition	21	Urdu	10	Food & Nutrition	22	Sociology
11	Geography	22	Zoology	11	Geography	23	Urdu
-	-	-	-	12	History	24	Women's Studies

Courses offered at PG level

Sl. No.	Subjects	Sl. No.	Subjects
1	Arabic	13	Law
2	Bengali	14	Library and information science
3	Botany	15	Mass communication

4	Chemistry	16	Mathematics
5	Commerce	17	Philosophy
6	Computer Science	18	Physics
7	Economics	19	Physiology
8	Education	20	Political Science
9	English	21	Sanskrit
10	Food and Nutrition	22	Sociology
11	Geography	23	Zoology
12	History	—	—

1.4.7 ADMINISTRATIVE OFFICERS

- Vice-Chancellor : Dr. Shanti Chhetri
- Registrar (A/C) : Dr. Apurba Chakraborty
- Finance Officer : CMA Md. Jahir Hussain
- Controller of Examinations : Dr. Biswarup Sarkar
- Inspector of Colleges : Dr. Apurba Chakraborty
- Librarian : Dr. Biswajit Das
- Development Officer : Dr. Rajib Patitundi
- University Engineer (A/C) : Professor Shubhamoy Chowdhury
- Deputy Registrar (A/C) : Dr. Rajib Patitundi
- Account Officer : Sri Rabindranath Karmakar
- Director, IQAC : Professor Bikash Roy
- Security Officer : Rabindranath Karmakar
- Sports Officer (A/C) : Sri Anindya Choudhury

1.4.8 NON-TEACHING STAFF

S. No.	Name	Designation
1	Sri Krishanu Guha Majumder	P.A. to the VC
2	Sri Soumendu Roy	Technical Assistant (Computer Gr-II)
3	Akbar Shaikh	Junior Assistant
4	Sri Albinas Lakra	Junior Assistant
5	Ansarul Hoque	Junior Assistant
6	Sri Manas Ghosh	Junior Assistant
7	Sri Nirjoy Singha	Junior Assistant
8	Sri Partha Majumdar	Junior Assistant
9	Sri Samar Sikdar	Junior Assistant
10	Smt. Sudipta Mishra	Junior Assistant
11	Sri Ajoy Sarkar	Junior Peon
12	Sri Hari Mandal	Junior Peon
13	Marjina Khatun	Junior Peon
14	Sri Sibu Gupta	Junior Peon
15	Sri Sudhir Kisku	Junior Peon
16	Sri Sujit Sarkar	Junior Peon

1.4.9 AD-HOC EMPLOYEES

Sl. No.	Name of the Employee	Sl. No.	Name of the Employee	Sl. No.	Name of the Employee
1	Pronob Kr Ganguly	41	Sanjida Banu	81	Sumita Das (Sarkar)
2	Anima Mandal	42	Biplab Mandal	82	Kartik Roy
3	Anita Das	43	Bijoy Kr Gupta	83	Arundhuti Kundu
4	Raj Kumar Ghosh	44	Emdadul Islam	84	Manas Sarkar
5	Soma Mukherjee	45	Himadri Chakraborty	85	Subham Mishra
6	Chandan Mandal	46	Ranjit Mandal	86	Dhiraj Chowdhury
7	Gourab Das	47	Diptendra Narayan Chakraborty	87	Animesh Ghosh
8	Jasmin Parvin	48	Sourav Das	88	Debjit Mukherjee
9	Pijush Prasad	49	Pradip Pal	89	Radha Gupta (Saha)
10	Deboshree Roy	50	Md Abdul Haque	90	Alam Sk

Annual Report (2020-2021), University of Gour Banga, Malda, West Bengal

11	Ujjwal Basak	51	Rahamat Saikh	91	Chiranjit Ghosh
12	Dalia Jha	52	Tarun Kumar Roy	92	Asraf Ali
13	Suhagi Sarkar	53	Arindam Jana	93	Dilip Dom
14	Pintu Kumar Saha	54	Madan Mandal	94	Gita Domin
15	Indrajit Halder	55	Jiten Mandal	95	Laxman Dom
16	Shyamal Banerjee	56	Md. Anowar Rahaman	96	Asha Domin
17	Debashish Choudhury	57	Sandip Dasgupta	97	Bachhan Dom
18	Dilip Mandal (Driver)	58	Md. Sarif Ali	98	Jata Dom
19	Sharmila Singh	59	Sampa Mitra (Ghosh)	99	Biswajit Dutta
20	Dilip Kr. Mandal	60	Md. Nur Alam	100	Bapi Momin
21	Durga Das	61	Paritosh Roy	101	Bablu Bانشfor
22	Shubhankar Pal	62	Amlan Bhattacharjee	102	Tapeshe Dome
23	Md. Roel Saik	63	Sk Monirul Islam	103	Jugal Kumar Ghosh
24	Tanmoy Sarkar	64	Smt Palashi Saha	104	Amal Roy
25	Bapi Mandal	65	Sankha Jana	105	Ananda Dom
26	Atanu Roy	66	Hriday Misra	106	Arjun Ghosh
27	Brojendra Nath Roy	67	Amal Kumar Podder	107	Gopal Halder
28	Premanda Sarkar	68	Subhae Das	108	Kartik Basfor
29	Debjit Sarkar	69	Srimanta Kundu	109	Md. Rahamatullah
30	Suman Gupta	70	Pintu Roy	110	Sib Kumar Dome
31	Susuma Mandal Sarkar	71	Santi Gopal Mani	111	Munna Saha
32	Sujit Sengupta	72	Arinjit Das	112	Pinki Mallick (Dom)
33	Sumanta Kr. Das	73	Avirup Bhattacharjee	113	Ramkrishna Mallick
34	Md Mainul Islam	74	Prasanta Kumar Mandal	114	Ujjal Harijon
35	Pradip Mandal	75	Smt. Ratna Dubey	115	Madhu Bashfor
36	Manjur Rahaman	76	Kalpana Basak	116	Raja Dom
37	Santosh Das	77	Dali Das Chowdhury	117	Anita Das
38	Abdul Lahil Baki	78	Dipankar Das	118	Sankar Dome
39	Rabiul Alam	79	Shibu Saha		
40	Usha Mondal	80	Tapasi Chakraborty		

1.4.10 EXTENSION CENTRE

IQAC

Director : Professor Bikash Roy

National Service Scheme

Co-ordinator : Professor Sadhan kumar Saha

Centre for the differently Abled

Co-ordinator : Professor Amit Bhattacharya

1.5 ACHIEVEMENTS OF THE UNIVERSITY IN LAST ONE YEAR

Academic Aspects:

- Online teaching learning is initiated during the COVID-19 pandemic.

Infrastructural Aspects:

- Work of the Boys hostel, Girls hostel, language building and new guest house is in progress
- Renovation of guest house (Soujanya) has also done within this time span.
- One medical unit is operational within the University premise.
- Installation of LAN at the University of Gour Banga has been started with the financial help from the Government of West Bengal.

Future Proposals:

The University is now primarily focusing on strengthening postgraduate education and research as well as evolving as a center of excellence in a rural backdrop. The University wishes to grow further as a diverse and socially responsible learning community, providing a high quality of scholarship and equal opportunity for all. Following are the thrust areas that are to be explored.

- The University also aims at the improvement of Teaching & Research through exchange of knowledge with Universities of India and abroad. Endeavour to be taken to prepare new Syllabus of Study aiming at the contemporary social relevance. Efforts are to be made to organize more seminars, workshops, symposia etc. at State, National and International level for exchange and amalgamation of academic interests.

Special feature of innovation:

Adoption of a Backward Village

The NSS Unit of the University of Gour Banga has taken an innovative endeavour of adoption of some isolated underdeveloped villages situated 6 K.M. away from the main campus of the University. This is quite innovative from the view point that the students of the NSS Unit have unearthed a lot of surprising facts lying with residence of the village. In spite of being situated 6 K.M. away from the district town most of the villagers do not have any electric connection so far. Even 99% of the households do not have any individual sanitary latrines as such. Most of villagers have to take pond water as there is no scope for getting drinking water supplied from the P.H.E. The students are trying their best to redress the deplorable state of the villagers.

1.6 UNIVERSITY EXECUTIVE BODIES

The University has certain regulating bodies responsible for its functioning which include the University Council and the Statutory Committees, like the Finance Committee etc.

MEMBERS OF THE Executive Council (As on 29.04.2021)

The role of the Executive Council is to exercise policy direction and control to ensure the establishment, monitoring and achievement of the University's mission and goals. This includes oversight of the University's finances and budgetary processes; the creation and monitoring of academic programs and academic standards, goals and objectives; the establishment of academic and research units; oversight of campus policies and investment strategies; conducting institutional performance evaluations; compliance with the University's statutory and regulatory responsibilities; liaison with external agencies and political bodies; and hiring and evaluating the ongoing performance of the Vice Chancellor, the Registrar and other senior University administrators.

1. **Dr. Shanti Chhetri**
Hon'ble Vice-Chancellor, University of Gour Banga, Malda-Chairman of the Executive Council.
2. **Professor Siddhartha Ray**
Ex-Professor of Physics, Kalyani University (Chancellor's Nominee) - Member.
3. **Dr. Samir Kumar Ghosh**
Ex-Associate Professor of Physiology, Vidyasagar Evening College, Kolkata - 700 006 (Chancellor's Nominee)- Member.
4. **Prof. Saktipada Patra**
Formerly WBES (Nominee of the Chairman, West Bengal State Council of Higher Education) - Member.
5. **Sri Jaydip Mukhopadhyay**
WBCS (Exe), Special Secretary, Higher Education Department, Bikash Bhawan, Kolkata- 700 091 (Nominee of the Additional Chief Secretary, Dept. of Higher Education, Govt. of West Bengal)- Member.
6. **Shri Ranjit Mridha**
Accounts Officer & E.O. Deputy Secretary, Higher Education Department, WBA & AS, Financial Advisor, Department of Higher Education, Govt. of West Bengal- Member.
7. **The Director**
Directorate of Public Instruction, Education Directorate, Kolkata-91 or his Nominee-Member.
8. **The Head**
Department of Chemistry, University of Gour Banga Malda- Member.
9. **The Head**
Department of English, University of Gour Banga, Malda - Member.

1.7 MEMBER OF THE UNIVERSITY COURT

The Gour Bangar University Court is an important authority of the University and functions to review the broad policies and programs of the University. The Court is an advisory body to the Vice Chancellor and suggests measures for the working, improvement and development of the University. In the session 2021-2022, the Court met twice.

The year 2022 was significant as the membership of the court expanded with national and international experts in different fields including academics, corporations, government agencies etc. were welcomed into the body.

1. Dr. Jagdeep Dhankhar, Hon'ble Chancellor and His Excellency, The Governor, West Bengal, Chairman
2. Dr. Shanti Chhetri, Hon'ble Vice Chancellor, University of Gour Banga
3. Dean, Arts, Social Science & Commerce, UGB, Malda
4. Sri Jaydip Mukhopadhyay, WBCS (Executive), Special Secretary, Higher Education Department, Bikash Bhawan, Kolkata – 700 091 (Nominee of the Secretary, Dept. of Higher Education, Govt. of West Bengal)
5. Secretary, Finance Department, Govt. of West Bengal or his/her nominee
6. Chairman, West Bengal State Council of Higher Education, Govt. of West Bengal or his nominee.
7. The President, West Bengal Council of Higher Secondary Education, Govt. of West Bengal.
8. The President, West Bengal Board of Madrasah Education, Govt. of West Bengal.
9. Dr. Partha Karmakar, Deputy Secretary (Academic), Nivedita Bhawan, Block-DJ, Sector-II, Salt Lake, Kolkata – 91 (Nominee of the President, West Bengal Board of Secondary Education).
10. The Director of Public Instruction (DPI), Govt. of West Bengal or his/her nominee.
11. Nominee of the Chairman, University Grants Commission (UGC), New Delhi.
12. Sh. Vijay Kumar. R, Regional Director (ERC), G-7, Sector-10, Dwarka, Near Metro Station, Delhi – 110075 (Nominee of the Chairman, National Council for Teacher Education)
13. Professor Dipak Kumar Kar, Vice-Chancellor, Sidho-Kanho-Birsha University, Ranchi Road, Purulia-723104 & the Chairman, West Bengal College Service Commission.
14. Head, Department of Bengali, UGB, Malda
15. Head, Department of Chemistry, UGB, Malda
16. Head, Department of English, UGB, Malda
17. Head, Department of Physiology, UGB, Malda.
18. Head, Department of Political Science, UGB, Malda.
19. Head, Department of Sanskrit, UGB, Malda

Representative of the PG Departments:

20. Professor Biplab Giri, Professor, Department of Physiology, UGB, Malda.
21. Professor Jitendra Sahoo, Professor, Department of Political Science, UGB, Malda
22. Professor Chandan Bhattacharyya, Professor, Department of Sanskrit, UGB, Malda
23. Professor Shyamapada Mandal, Professor, Department of Zoology, UGB, Malda

24. Professor Bikash Roy, Professor, Department of Bengali, UGB, Malda

Principals of Affiliated Colleges Nominated by the Vice Chancellor:

25. Dr. Pijush Kumar Das, Principal, Kaliyaganj College, Kaliyaganj, Uttar Dinajpur – 733129
26. Dr. Jitesh Chandra Chaki, Principal, Buniadpur Mahavidyalaya, Buniadpur, Dakshin Dinajpur -733121
27. Dr. Aniruddha Chakraborty, Principal, Manikchak College, Mathurapur, Malda – 732101
28. Dr. Mandira Chakraborty, Principal, Malda Women's College, Pirojpur, Malda – 732101

1.8 OFFICE OF THE REGISTRAR

TEACHERS, OFFICERS, NON TEACHING EMPLOYEES

LIBRARIAN

SL. NO.	NAME OF THE POST	SANCTIONED STRENGTH	DIRECT RECRUITMENT	VACANT
1.	Librarian	01	01	0

TEACHERS

SL NO	SUBJECT	SANCTIONED STRENGTH			VACANCY			FACULTY IN DEPARTMENT (DIRECT)			FACULTY IN DEPARTMENT (DIRECT RT. + CAS)		
					AS PER ADVERTISEMENT								
		PROF	ASSO PROF	ASST PROF	PROF	ASSO PROF	ASST PROF	PROF	ASSO PROF	ASST PROF	PROF	ASSO PROF	ASST PROF
1	Arabic	1	2	4	1	2	1	0	0	3	0	2	1
2	Bengali	1	2	4	1	0	0	0	2	4	5	1	0
3	Botany	1	2	4	1	0	1	0	2	3	2	0	3
4	Chemistry	1	2	4	1	0	3	0	2	1	1	1	1
5	Commerce	1	2	4	1	0	0	0	2	4	3	0	3
6	Computer Science	1	2	4	1	2	1	0	0	3	0	0	3
7	Economics	1	2	4	1	1	1	0	1	3	0	1	3
8	Education	1	2	4	1	0	1	0	2	3	1	2	2
9	English	1	2	4	1	1	1	0	1	3	1	0	3
10	Food & Nutrition	1	1	2	1	1	1	0	0	1	0	0	1
11	Geography	1	2	4	0	0	2	1	2	2	2	1	2
12	History	1	2	4	1	2	2	0	0	2	0	1	1
13	Law	1	1	2	1	1	0	0	0	2	0	0	2
14	Library & Information Science	1	1	2	1	1	0	0	0	2	0	0	2

Annual Report (2020-2021), University of Gour Banga, Malda, West Bengal

15	Mass Communication & Journalism	1	1	2	1	1	1	0	0	1	0	0	1
16	Mathematics	1	2	4	0	1	1	1	1	3	2	0	3
17	Philosophy	1	2	4	1	0	0	0	2	4	2	1	3
18	Physics	1	2	4	0	2	0	1	0	4	1	1	3
19	Physiology	1	1	2	1	0	1	0	1	1	1	0	1
20	Political Science	1	2	4	1	1	0	0	1	4	1	1	3
21	Sanskrit	1	2	4	1	1	0	0	1	4	1	0	4
22	Sociology	1	2	4	1	2	1	0	0	3	0	0	3
23	Zoology	1	2	4	1	1	0	0	1	4	1	0	4
24	Professional Course	0	0	10	0	0	10	0	0	0	0	0	0
Total		23	41	92	20	20	28	3	21	64	24	12	52

OFFICERS

SL. NO.	NAME OF THE POSTS	SANCTIONED STRENGTH	DIRECT RECRUITMENT	VACANT
1.	Registrar	01	00	01
2.	Finance Officer	01	01	00
3.	Inspector of Colleges	01	01	00
4.	Controller of Examinations	01	01	00
5.	University Engineer	01	00	01
6.	Development Officer	01	01	00
7.	Deputy Controller of Examinations	01	01	00
8.	Deputy Registrar	01	00	01
9.	Accounts Officer	01	01	00
10.	Security Officer	01	00	01
11.	Audit Officer	01	00	01

NON-TEACHING STAFF

Sl. No.	NAME OF THE POSTS	SANCTIONED STRENGTH	DIRECT RECRUITMENT	VACANT	PRESENT STATUS (DIRECT RECRUITMENT AND CAS)
1.	Secretary to VC	01	00	01	00
2.	P.A. to the VC	01	01	0	01
3.	Technical Assistant Grade II	04	01	03	00
4.	Technical Assistant Grade I	00	00	00	01
5.	Accountant	01	00	01	00
6.	Cashier	01	00	01	00
7.	Senior Assistant	02	00	02	01
8.	Junior Assistant	12	08	04	07
9.	Junior Peon	20	06	14	06

STUDENTS OF P.G. COURSES FOR THE ACADEMIC YEAR 2020-21

ARTS, COMMERCE and SCIENCE

Sl. no	Subject	Intake	Total admitted	M	F	S.C.		S.T.		PWD		OBC-A		OBC-B	
						M	F	M	F	M	F	M	F	M	F
1	Arabic	100	96	69	27	1	1	0	0	0	0	41	18	1	0
2	Bengali	100	100	43	57	16	21	5	1	0	0	8	14	7	6
3	Botany	40	26	8	18	3	7	0	0	0	0	0	2	1	3
4	Chemistry	40	38	25	13	9	2	0	0	0	0	5	1	8	3
5	Commerce	100	21	15	6	2	0	1	0	0	0	4	0	0	0
6	Computer Science	40	29	26	3	3	0	0	0	0	0	6	0	7	0
7	Economics	100	4	1	3	0	0	0	0	0	0	0	0	0	0
8	Education	100	100	45	55	14	18	2	3	0	0	7	11	6	8
9	English	100	99	51	48	15	15	1	2	0	0	14	9	4	7
10	Food & Nutrition	21	20	9	11	2	5	0	0	0	0	1	2	4	1
11	Geography	40	40	23	17	10	3	2	0	0	0	2	5	3	6
12	History	100	99	60	39	31	18	4	0	0	0	10	8	9	1
13	LL.M	21	17	7	10	2	4	0	0	0	0	3	1	1	1
14	Library & Information Science	21	18	14	4	8	0	0	0	0	0	2	1	3	1
15	Mass Communication & Journalism	21	8	2	6	0	0	0	0	0	0	1	0	1	2
16	Mathematics	90	78	48	30	10	11	0	1	0	0	12	5	10	3
17	Philosophy	100	91	36	55	17	22	0	2	0	0	10	14	4	5
18	Physics	40	36	26	10	8	2	2	0	0	0	5	0	6	1
19	Physiology	21	16	7	9	0	2	0	0	0	0	2	1	0	2
20	Political Science	100	99	47	52	21	13	1	6	0	0	13	13	1	10

Annual Report (2020-2021), University of Gour Banga, Malda, West Bengal

21	Sanskrit	100	99	39	60	14	31	2	1	0	0	2	6	7	9
22	Sociology	100	58	17	41	3	9	0	1	0	0	5	9	1	5
23	Zoology	40	33	12	21	3	6	0	0	0	0	1	6	4	4
Total		1535	1225	630	595	192	190	20	17	0	0	154	126	88	78
						Total - 382		Total - 37		Total - 0		Total - 280		Total - 166	

ACADEMIC CALENDER

UNIVERSITY OF GOUR BANGA

Academic Calendars for the Year 2020-2021

POST GRADUATE DEPARTMENTS UNDER

DATELINE	ACTIVITY
First Week of July, 2020	Second Semester Examinations
First Week of July, 2020	Fourth Semester Examinations
Last Week of August, 2020	Commencement of Classes of Third Semester
First Week of September, 2020	Admission for First Semester
First Week of October, 2020	Commencement of Classes of First Semester
First Week of January, 2021	Issuance and Submission of Examination Forms for Third Semester Examinations
First Week of January, 2021	Issuance and Submission of Examination Forms for First Semester Examinations
First Week of February, 2021	Third Semester Examinations
First Week of February, 2021	First Semester Examinations
Last Week of February, 2021	Commencement of Classes of Fourth Semester
Last Week of February, 2021	Commencement of Classes of Second Semester
First Week of June, 2021	Issuance and Submission of Examination Forms for Fourth Semester Examinations
First Week of June, 2021	Issuance and Submission of Examination Forms for Second Semester Examinations

UNDER GRADUATE COURSES

FOR DEGREE COLLEGES AFFILIATED TO THE UNIVERSITY

DATELINE	ACTIVITY
First Week of July, 2020	Commencement of Admission for Part I
First Week of October, 2020	Registration for Part I Students
Last Week of November, 2020	Publication of Results of Part I Honours and General Examinations
	Publication of Results of Part II Honours and General Examinations
Second Week of March, 2021	Issuance and Submission of Examination Forms for Part III Honours and General Examinations
Third Week of March, 2021	Commencement of Part III Honours and General Examinations
Second Week of April, 2021	Issuance and Submission of Examination Forms for Part I Honours and General Examinations

	Issuance and Submission of Examination Forms for Part II Honours and General Examinations
Second Week of May, 2021	Issuance and Submission of Examination Forms Part I Honours and General Examinations
	Commencement of Part II Honours and General Examinations
Before 16th June, 2021	Publication of Results of Part III Honours and General Examinations

**UNDER GRADUATE COURSES UNDER CBCS
FOR DEGREE COLLEGES AFFILIATED TO THE UNIVERSITY**

DATELINE	ACTIVITY
*First Week of July, 2020	Commencement of Admission for First Semester
Third Week of July, 2020	Second Semester Examinations
First Week of October, 2020	Registration for First Semester Students
First Week of January, 2021	Issuance and Submission of Examination Forms for Third Semester Examinations
First Week of January, 2021	Issuance and Submission of Examination Forms for First Semester Examinations
Second Week of January, 2021	Third Semester Examinations
Fourth Week of January, 2021	First Semester Examinations
First Week of June, 2021	Issuance and Submission of Examination Forms for Fourth Semester Examinations
First Week of June, 2021	Issuance and Submission of Examination Forms for Second Semester Examinations

* Admission process for the Under Graduate (Honours and General) courses for the Academic Session 2020-2021 will commence after the publication of Higher Secondary Examinations (WBCHSE) results and as per the guide lines of the Department of Higher Education Govt. Of West Bengal

B.C.A COURSES
FOR DEGREE COLLEGES AFFILIATED TO THE UNIVERSITY

DATELINE	ACTIVITY
First Week of July, 2020	Sixth Semester Examinations
*First Week of July, 2020	Commencement of Admission for First Semester
Third Week of July, 2020	Fourth Semester Examinations
Third Week of July, 2020	Second Semester Examinations
First Week of October, 2020	Registration for First Semester Students
Third Week of December, 2020	Issuance and Submission of Examination Forms for Fifth Semester Examinations
First Week of January, 2021	Issuance and Submission of Examination Forms for Third Semester Examinations
First Week of January, 2021	Issuance and Submission of Examination Forms for First Semester Examinations
Second Week of January, 2021	Fifth Semester Examinations
Second Week of January, 2021	Third Semester Examinations
Fourth Week of January, 2021	First Semester Examinations
Fourth Week of May, 2021	Issuance and Submission of Examination Forms for Sixth Semester Examinations
First Week of June, 2021	Issuance and Submission of Examination Forms for Fourth Semester Examinations
First Week of June, 2021	Issuance and Submission of Examination Forms for Second Semester Examinations

* Admission process for the B.C.A. courses for the Academic Session 2020-2021 will commence after the publication of Higher Secondary Examinations (WBCHSE) results and as per the guide lines of the Department of Higher Education Govt. Of West Bengal

B.A.LL.B COURSES
FOR DEGREE COLLEGES AFFILIATED TO THE UNIVERSITY

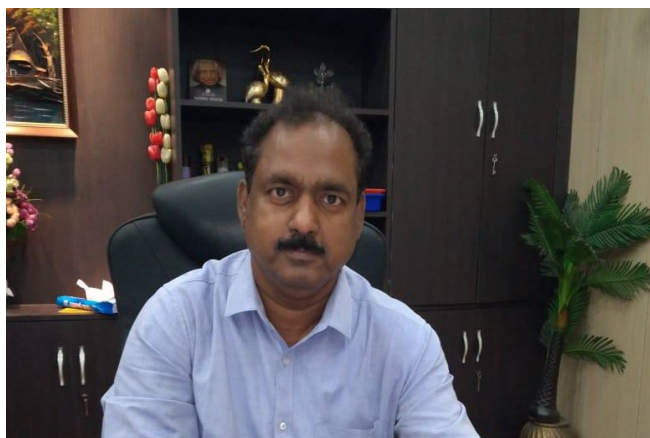
DATELINE	ACTIVITY
*First Week of July, 2020	Commencement of Admission for First Semester
Second Week of July, 2020	Tenth Semester Examinations
Second Week of July, 2020	Eighth Semester Examinations
Second Week of July, 2020	Sixth Semester Examinations
Second Week of July, 2020	Fourth Semester Examinations
Second Week of July, 2020	Second Semester Examinations
First Week of October, 2020	Registration for First Semester Students

Second Week of December, 2020	Issuance and Submission of Examination Forms for Ninth Semester Examinations
Second Week of December, 2020	Issuance and Submission of Examination Forms for Seventh Semester Examinations
Second Week of December, 2020	Issuance and Submission of Examination Forms for Fifth Semester Examinations
Second Week of December, 2020	Issuance and Submission of Examination Forms for Third Semester Examinations
Second Week of December, 2020	Issuance and Submission of Examination Forms for First Semester Examinations
Third Week of January, 2021	Ninth Semester Examinations
Third Week of January, 2021	Seventh Semester Examinations
Third Week of January, 2021	Fifth Semester Examinations
Third Week of January, 2021	Third Semester Examinations
Third Week of January, 2021	First Semester Examinations
First Week of June, 2021	Issuance and Submission of Examination Forms for Tenth Semester Examinations
First Week of June, 2021	Issuance and Submission of Examination Forms for Eighth Semester Examinations
First Week of June, 2021	Issuance and Submission of Examination Forms for Sixth Semester Examinations
First Week of June, 2021	Issuance and Submission of Examination Forms for Fourth Semester Examinations
First Week of June, 2021	Issuance and Submission of Examination Forms for Second Semester Examinations

* Admission process for the B.A.L.L.B. courses for the Academic Session 2020-2021 will commence after the publication of Higher Secondary Examinations (WBCHSE) results and as per the guide lines of the Department of Higher Education Govt. Of West Bengal

1.9 OFFICE OF THE FINANCE OFFICER

It is heartening that the University of Gour Banga is recognized under Sec 2(f) and 12B of the UGC Act 1956. The financial statement and all the financial transactions have not yet been audited by the Principal Accountant General (PAG), West Bengal till date. The audited report (PAG) for the year 2020-2021 is not available in the UGB. There are sixteen numbers of non-teaching staffs including ten numbers of ad-hoc contractual staff are working in the finance department. The Statement of Accounts of the University is completed. The UGB is receiving Non-Plan Non Salary Grant on COSA and Non COSA head for employees including pensioners are receiving regularly from the Department of Higher Education, Govt. of WB. Beside these the UGB is also receiving the Plan-Grant for construction of building at the campus of the University at Malda from the same funding authority. But all other academic and administrative activities are going on from the general fund of the University constituted and collected from various fees from the students and colleges affiliated to the University of Gour Banga. The University has also an endowment fund and some fixed deposit at the branches of PNB and IB situated at Malda.



CMA Dr. Md. Finance Officer Dr. Jahir Hossain

This year the University received grant from central and state Govt. are as follows:

Year	2020-2021					
Nature of Grant	Salary, Non Plan COSA	Salary, Non Plan Non COSA	Non Plan Non Salary	Plan Grant, Construction of Building	Other Fees, Bank Interest etc.	Fixed Deposit
INR in Lakhs (State)	—		—	—	371.29	109.77
INR in Lakhs (Central)	—	—	—	—	—	—

- ❖ No. of projects from Central Govt. and State Govt. (ICHR/ ICPR/ DST-SERB/ ICSSR, WB-DST/ CSIR/ UGC-DAE/ WBBB/ UGC- DAE CSRVM/ WBDSTVM/ WBBB-VM/ WB-BOOST: **12 NOS.**

1.10 OFFICE OF THE CONTROLLER OF EXAMINATIONS

The University is an academic institution; the primary function of Controller of Examinations Department in a University system is to provide support to the academic activities of the University. The Term-end Examinations of the University is likely to commence from 1st June and 1st December onwards in every year. Online link for submission of the examination form (TEE, & Practical Examinations) by the eligible students for June and December of every year Term-end Examination is also open along with the schedule and necessary instructions/guidelines thereof. The students may submit online examination form accordingly, by the instructions and guidelines provided. And generally the results publication date does not exceed 45 days from the last date of examinations of every Term-end Examinations of the University. The Officers of the Controller of Examinations Department have rightly resolved to directly reach out to the students and another stake holder with all relevant information concerning the examination System of the University. Presently, the Department of Controller of Examinations is running with two Officers designated as Controller of Examinations and Deputy Controller of Examinations and fourteen numbers of Non-Teaching Staff, out of which two numbers of Non-Teaching Staff are in substantive post. The Department of Controller of Examinations has been publishing results in pursuance of CBCS curriculum since 2018 onwards. The necessary works related to Ph. D. thesis are also performed by the Department of Controller of Examinations accordingly.



Controller of Examinations Dr. Biswarup Sarkar

Statement of the results of P.G. Examinations

Successful Candidate in P.G. & Professional Courses Year-2020								
Sl. No.	Department	Appeared in 2020	Passed in 2020	Male	Female	1st Class in 2020	2nd Class in 2020	Success(%)
01.	ARABIC	73	68	41	27	29	33	93.15
02.	BENGALI	88	88	32	56	88	0	100.00
03.	BOTANY	20	20	5	15	20	0	100.00
04.	COMMERCE	5	5	2	3	3	2	100.00
05.	COMPUTER SCIENCE	12	12	9	3	12	0	100.00
06.	CHEMISTRY	32	32	27	5	32	0	100.00
07.	EDUCATION	82	82	28	54	39	42	100.00
08.	ECONOMICS	0	0	0	0	0	0	0.00
09.	ENGLISH	75	75	45	30	49	26	100.00
10.	FOOD & NUTRITION	10	10	5	5	10	0	100.00
11.	GEOGRAPHY	31	31	16	15	31	0	100.00
12.	HISTORY	77	76	43	33	33	42	98.70
13.	LIBRARY & INFORMATION SCIENCE	4	4	1	3	4	0	100.00
14.	LAW	3	3	0	3	1	2	100.00
15.	MATHEMATICS	68	68	41	27	68	0	100.00
16.	MASS COMMUNICATION & JOURNALISM	11	11	5	6	3	8	100.00
17.	PHYSICS	35	35	28	7	35	0	100.00
18.	POLITICAL SCIENCE	75	75	47	28	73	2	100.00
19.	PHILOSOPHY	28	28	8	20	2	19	100.00
20.	PHYSIOLOGY	4	4	2	2	4	0	100.00
21.	SANSKRIT	70	70	27	43	67	3	100.00
22.	SOCIOLOGY	10	10	2	8	4	6	100.00
23.	ZOOLOGY	27	27	13	14	27	0	100.00
24.	B.A. LL.B.	71	71	39	32	57	14	100.00
25.	B.C.A	54	52	36	16	37	15	96.30

Statement of the results of Undergraduate Examinations

Course	Duration of Publication of Result (days)	Examinee	Total Pass Out Students	Male	Female	1st Class	2nd Class	Success Rate(%)
Honours	11	7185	6372	2972	3400	2993	3379	88.68
General	11	23457	15195	6889	8306	165	8403	64.78

Statement of the results of Undergraduate Examinations in Different Subjects

Successful Candidates in Honours Courses

Sl. No.	Year	Duration of Publication of Result	Examinee	Total Pass Out Students	Male	Female	1st Class	2nd Class	Success Rate(%)
1	2016	80	6001	4616	2253	2363	367	4249	76.92
2	2017	55	5640	4755	2237	2518	468	4287	84.31
3	2018	26	6442	5512	2574	2938	682	4817	85.56
4	2019	37	5950	5333	2411	2922	757	4576	89.63
5	2020	11	7185	6372	2972	3400	2993	3379	88.68

Successful Candidates in General Courses

Sl. No.	Year	Duration of Publication of Result	Examinee	Total Pass-Out Students	Male	Female	1st Class	2nd Class	P Division	Success Rate(%)
1	2016	78	17214	10704	4796	5908	8	811	9885	62.18
2	2017	52	17288	9835	4325	5510	19	730	9086	56.89
3	2018	115	17014	7158	3053	4105	44	895	6219	42.07
4	2019	64	14592	9198	3989	5209	28	1219	7951	63.03
5	2020	11	23457	15195	6889	8306	165	8403	6627	64.78

Statement of the results of M.Phil. Examination

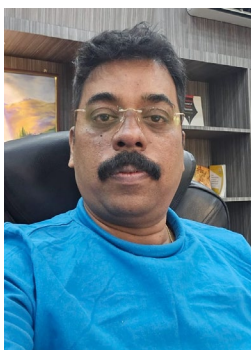
Sl.No.	Department	Appeared in 2020	Passed in 2020	Male	Female	1st Class in 2020	2nd Class in 2020	Success (%)
01.	ARABIC	1	0	0	0	0	0	0.00
02.	BENGALI	3	3	3	0	3	0	100.00
11.	GEOGRAPHY	6	6	6	0	6	0	100.00
12.	HISTORY	4	4	3	1	4	0	100.00
18.	POLITICAL SCIENCE	1	1	0	1	1	0	100.00
19.	PHILOSOPHY	5	5	5	0	5	0	100.00

Statement of the Ph.D. Awardee

Sl.No.	Department	Passed in 2020	Male	Female
03.	BOTANY	4	3	1
06.	CHEMISTRY	2	0	2
07.	EDUCATION	2	1	1
09.	ENGLISH	4	2	2
11.	GEOGRAPHY	5	4	1
12.	HISTORY	1	1	
21.	SANSKRIT	1	1	0
23.	ZOOLOGY	3	2	1

1.11 OFFICE OF THE INSPECTOR OF COLLEGES

The office of the Inspector of Colleges was established in the year of 2011 for the purpose of proper planning and integrated development of the colleges and to provide the college necessary help and guideline. The office of the Inspector of Colleges serves as the vital link among UGC, the University of Gour Banga, the Colleges and the Department of Higher Education, Govt. of West Bengal.



Inspector of Colleges Dr. Apurba Chakraborty

The function of the Inspector Colleges and its Department are to advise the University on all matter relating to development of affiliated Colleges. The development of Inspector of Colleges act for rising of standard of learning, teaching and other activities of the Colleges.

AIM AND OBJECTIVES OF THE OFFICE OF THE INSPECTOR OF COLLEGES

The aim of the development is to strive to make maximum number of Colleges of the jurisdiction of the University of Gour Banga to get maximum development in every aspect.

- To proactivate the teachers to pursue their higher studies under the faculty development programme.
- To proactivate the college to impart quality education.
- To enable colleges to pursue academic excellence through quality teaching, research and publication.

- To proactivate the colleges to inculcate right values among students.
- To proactivate the college to promote leadership qualities among students.
- To proactivate the colleges to produce socially sensitive citizens and hasten the process of creating a knowledge society.

Affiliated Colleges / Institutions

Courses

- Courses offered by the Colleges :
 - No. of Colleges offering Hons. Courses (Science) : 14
 - No. of Colleges offering Hons. Courses (Arts & Com.) : arts-23, commerce-08
 - No. of Colleges offering Law Courses : 01
- New Courses started and discontinued during the year : 01
- No. of new subjects given affiliation during the year : 01
- Teachers retired during the period : 01
- Total no. of principles of affiliated colleges : 13
- Total no. of non-teaching staff during the period : 342 (including permanent, contractual, casual & Govt. approved)
- No. of Non-Teaching Staff, Office of the IC, UGB : 04 (including Permanent and Contractual)
- No. of Officer, Office of the IC, UGB : 01 (permanent)

Type of institute	Number
Total no. of Affiliated Colleges / Institutes / Centre	25
Number of General Degree Colleges	25
Number of Government Colleges	02
Number of Girls Colleges	02
Number of Law Colleges	01

List of the General Degree Colleges Affiliated to the University of Gour Banga

District: Malda

1. **Malda College**
Address : P.O. & Dist: Malda, West Bengal – 732101
Phone : 03512-796722
E-mail : maldacollege1944@maldacollege.ac.in.com
Website : www.maldacollege.ac.in
2. **Malda Women's College**
Address : P.O. & Dist: Malda, West Bengal – 732101
Phone : 03512-252597
E-mail : mwc.m70@gmail.com
Website : www.mwc.ac.in
3. **Gour Mahavidyalaya**
Address : P.O. & Dist: Mangalbari, Malda, West Bengal – 732142
Phone : 03512-260547/ 261631
E-mail : principalgourcollege@gmail.com
Website : www.gourmaha.org
4. **Chanchal College**
Address : P.O. & Dist: Chanchal, Malda, West Bengal – 732123
Phone : 03513-253261
E-mail : ticchanchalcollege@gmail.com
Website : www.chanchalcollege.ac.in
5. **South Malda College**
Address : P.O: Pubarun, Dist: Malda, West Bengal 732215
Phone : 03512-224292
E-mail : southmaldacollege1995@gmail.com
Website : www.southmaldacollege.com
6. **Kaliachak College**
Address : P.O: Sultanganj, Dist: Malda, West Bengal 732201
Phone : 03512-244696
E-mail : kaliachak.college@gmail.com
Website : www.kaliachakcollege.com
7. **Samsi College**
Address : P.O: Samsi, Dist.: Malda, West Bengal 732 139
Phone : 03513-265252
E-mail : samsicollege.malda@gmail.com
Website : www.samsicollege.in
8. **Pakuahat Degree College**
Address : P.O.: Pakuahat, Dist.: Malda, West Bengal 732138
Phone : 03511-266410
E-mail : pkt@rediffmail.com
Website : www.pakuahatdegrecollege.com
9. **Gazole Mahavidyalaya**
Address : P.O.: Bagsarai, Dist.: Malda, West Bengal 732124
Phone : 03512-234264
E-mail : gazolemahavidyalaya@yahoo.in
Website : www.gazolemahavidyalaya.org
10. **Harishchandrapur College**
Address : P.O.: Pipla, Dist.: Malda, West Bengal 732125
Phone : 03513-214003
E-mail : harishchandrapurcollege2008@gmail.com
Website : www.harishchandrapurcollege.com
11. **Manikchak College**
Address : P.O.: Mathurapur, Dist.: Malda, West Bengal 732203
Phone : 03513-283048
E-mail : manikchakcollege@gmail.com
Website : www.manikchakcollege.com

District: Uttar Dinajpur

12. Shree Agrasen Mahavidyalaya

Address : P.O.: Dalkhola, Dist.: Uttar Dinajpur, West Bengal 733201
Phone : 8768554868
E-mail : shreeagrasmahavidyalaya@gmail.com
Website : www.agrasenmahavidyalaya.in

13. Dr. Meghnad Saha College

Address : P.O.: Tilna, Dist.: Uttar Dinajpur, West Bengal 733128
Phone : 03523-277707
E-mail : drmsc.itahar@gmail.com
Website : <http://www.drmscollege.ac.in>

14. Raiganj Surendranath Mahavidyalaya

Address : P.O. Raiganj, Dist.: Uttar Dinajpur, West Bengal 733134
Phone : 03523-251231
E-mail : mda_sunam@yahoo.co.in
Website : www.rsmraiganj.in

15. Kaliyaganj College

Address : P.O. Kaliyaganj, Dist.: Uttar Dinajpur, West Bengal 733129
Phone : 03523-258100
E-mail : kaliyaganjcollege@rediffmail.com
Website : www.kaliyaganjcollege.ac.in

District: Dakshin Dinajpur

16. Balurghat College

Address : P.O.: Balurghat, Dist.: Dakshin Dinajpur, West Bengal 733101
Phone : 03522-271465
E-mail : college.balurghat@gmail.com
Website : www.balurghatcollege.in

17. Balurghat Mahila Mahavidyalaya

Address : P.O.: Balurghat, Dakshin Dinajpur, West Bengal 733101
Phone : 03522-270803
E-mail : balurghatmmv@rediffmail.com
Website : www.balurghatmmv.com

18. Gangarampur College

Address : P.O.: Gangarampur, Dist.: Dakshin Dinajpur, West Bengal 733124
Phone : 03521-257983
E-mail : ticgmpcollege@gmail.com
Website : www.gmpcollege.org

19. Dewan Abdul Goni College

Address : P.O.: Harirampur, Dist.: Dakshin Dinajpur, West Bengal 733125
Phone : 03524-265243
E-mail : dagc1994@gmail.com
Website : www.dagcol.ac.in

20. Buniadpur Mahavidyalaya

Address : P.O.: Buniadpur, Dist.: Dakshin Dinajpur, West Bengal 733121
Phone : 03524-259053
E-mail : buniadpurmahavidyalaya@yahoo.com
Website : www.buniadpurmahavidyalaya.org

21. Jamini Mazumder Memorial College

Address : P.O.: Patiram, Dist.: Dakshin Dinajpur, West Bengal 733133
Phone : 03522-253016
E-mail : jmmcollegemail@gmail.com
Website : www.jmmcollegepatiram.org

22. S.B.S. Govt. College

Address : P.O.: Hili, Dist.: Dakshin Dinajpur, West Bengal 733126
Phone : 9679637661
Email : sbsgchili@yahoo.com
Website : www.sbsgc.in

23. Kushmandi Government General Degree College

Address : P.O.: Kalikamora, Dist.: Dakshin Dinajpur, West Bengal 733121
Phone : 9609836221
Email : kushmandigovtcollege@gmail.com
Website : www.kushmandiggdc.in

24. Kumarganj College

Address : P.O.: Kumarganj, Dist.: Dakshin Dinajpur, West Bengal 733141
Phone : 03522-254143
Email : kumarganjcollege2016@gmail.com
Website : www.kumarganjcollegeadmission.in

25. Nathaniyal Murmu Memorial College

Address : P.O.: Tapan, Dist.: Dakshin Dinajpur, West Bengal 733127
Phone : 03521-252525
E-mail : nathaniyalmurmumemorialcollege@rediffmail.com
Website : www.nmmcollege.in

List of the Professional Colleges (Law) Affiliated to the University of Gour Banga

1. Balurghat Law College

Address : P.O.: Balurghat, Dist.: Dakshin Dinajpur, West Bengal 733103
Phone : 9382097598
E-mail : balurghatlawcollege@gmail.com
Website : www.balurghatlawcollege.org.in

Post Graduate Courses in affiliated colleges under University of Gour Banga

District: Malda

1. Malda College

Address : P.O. & Dist. : Malda, West Bengal – 732101
Phone : 03512-796722
E-mail : maldacollege1944@maldacollege.ac.in.com
Website : www.maldacollege.ac.in
Subjects : English, History, Bengali

District: Dakshin Dinajpur

2. Balurghat College

Address : P.O.: Balurghat, Dist.: DakshinDinajpur, West Bengal 733101
Phone : 03522-271465
E-mail : college.balurghat@gmail.com
Website : www.balurghatcollege.in
Subjects : Bengali, History, Sanskrit

1.12 OFFICE OF THE LIBRARIAN

Due to the COVID-19 pandemic, all types of libraries have been equally affected. The pandemic has been a great teacher; it has opened up a whole new world of experiments, reimaginings, inspirations, creations, and innovations. The year 2020-21 will be always remembered as the year of Educational revolutions. The outbreak of COVID-19 has come with its learning, change is inevitable. Library professionals during the pandemic faced many challenges to reach remote users with assistance. They acquired new skills and kept informed about the advances around the world.

The library has a team of talented and dedicated officers and staff who perform their duties exceptionally well, and are always appreciated by our users for their intelligence, enthusiasm and honesty with which they serve them. The staff members ensured that learning was evolving and educational material being delivered in the best ways possible.

Significant Initiatives:

- In Corona the pandemic, virtual libraries were created to make books and contents accessible to learners. The digital content for helping readers read a variety of books virtually as per their choices and interests.
- During the corona period, the central library has supplied various educational documents to its users through the online platform.
- Plagiarism checking services done as when Teacher and Scholar needed.
- Sharing Library recourses through WhatsApp group.

1.13 OFFICE OF THE DEVELOPMENT OFFICER

The University was established in 2008 in the backward region of Malda, West Bengal to cater to the academic needs of the population of the three border districts of Malda, North Dinajpur and South Dinajpur. It is an important catalyst in a process of social change among educationally backward people. University of Gour Banga has already scaled important heights by acquiring the accreditation from the NAAC. University has swiftly emerged as a beacon of higher education and research.

Situated in the University's Administrative Building, the Office of the Development Officer plays a crucial role in driving the institution's growth and excellence. This office partakes major role in assessing the University authority for addressing the developmental needs of the University and liaising with the University Grants Commission (UGC) and other funding agencies to implement various plans, programs, and schemes. The Development Officer assists the Registrar and other authorities in preparing academic plans and projects, compiles statistical reports, and evaluates

developmental proposals. Additionally, the office oversees correspondence for numerous prestigious fellowships. It also assists the faculties for different research projects. With a strong focus on technology and computer-oriented tasks, the office also manages major assignments such as All India Survey on Higher Education, National Institutional Ranking Framework, and various scholarships and fellowships.

Major activities and achievements of our office:

- 1. AISHE & NIRF:** The University has participated in the All India Survey on Higher Education (AISHE) conducted by the MHRD, Govt. of India.

2. Major Research Oriented ongoing work:

Sl. No.	NAME OF P.I.	FUNDING AGENCY	SANCTIONED AMOUNT	RELEASED AMOUNT (2020-21)
1	Dr. Nirmal Kumar Mahato	ICHR	Rs. 400000.00	Rs. 95000.00
2	Prof. Vivekananda Mandal	West Bengal Biodiversity Board (WBBB)	Rs. 1258000.00	Rs. 210000.00

3. Implementation of State and Central Scholarships:

West Bengal Scholarship		
Sl. No.	Name of the Scholarship	No. of Students Benefitted
1		
2	Swami Vivekananda Merit-Cum-Means scholarship (V3.0) Renewal	208
3	Kanyashree 3	272
4	Kanyashree 3Renewal	220
	Swami Vivekananda Merit-Cum-Means scholarship (Aikyashree Scholarship)	194
	WB TSP (Aikyashree Scholarship)	8
	WB Merit-Cum-Means (Aikyashree Scholarship)	3
	WB Post Matric (Aikyashree Scholarship)	93
	Post-Matric Scholarship to SC/ST/OBC Students	153
Central Scholarship		
	PG Indira Gandhi Scholarship for Single Girl Child	2

	Post Matric Scholarship For Students with Disabilities	1
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4. Implementation of State and Central Fellowships:

West Bengal Fellowships		
Sl. No.	Name of the Fellowship	No. of Research Scholars Benefitted
1	Swami Vivekananda Merit-Cum-Means Non-NET Fellowship	28
Central Fellowships		
2	NET-JRF	13
3	NFSC	2
	NFST	1
	CSIR	1

The above-mentioned numbers of Research Scholar have been linked with different fellowships. The Research Scholar get all kinds of support from the Office related to his/her fellowship, which will continue for a minimum of 2 (M. Phil) – 5 (Ph.D.) years or submission of his/her dissertation (whichever is earlier).

1.14 OFFICE OF THE UNIVERSITY ENGINEER

University of Gour Banga is affiliated under the West Bengal state Act XXVI of 2007 and recognized under section 12B and 2(f) of the UGC Act 1956. At present there are 14 nos. of Ad hoc contractual staff including 3 nos. of Junior Engineers are working in the Engineering department, University of Gour Banga. The total building plan of the University has divided into 2 phases (i.e. Phase-I and phase-II). The vetted estimated cost of the first phase is Rs. 83.81 cr. The first phase is going to be completed very soon with the financial grant received from the department of Higher Education, Government of West Bengal from time to time. The Construction agency is Mackintosh Burn Ltd. The agency was engaged with proper procedure after getting approval from the department of Higher Education, Govt. of West Bengal. The highlights of the work are as follows.

Completed work (Phase-I):

Construction of 1) Boundary wall, 2) Main gate, 3) Administrative building, 4) Science building-1, 5) Electrical substation building, 6) University Guest house (old), 7) Internal roads, 8) Humanities building-1, 9) Central Library building, 10) Two wheeler & Car parking and allied Electrical works for above completed work.

Work in progress:

The WIP for the Construction of 1) Boys Hostel, 2) Girls Hostel, 3) Language building-1, 4) New Guest house and 5) ATM building are going on at the campus of the University of Gour Banga at Malda.

The University main gate has been completed with the depositary fund from the Member of Parliament Local Area Development Scheme (MPLADS).





University Guest House, “Soujanya”



University of Gour Banga Science Building



Acharya Binoy Sarkar Kala Bhavan, University of Gour Banga



University of Gour Banga Central Library Building



Conference Hall at the Library



Conference hall at the administrative building



Car parking zone, UGB



Boys' Hostel, University of Gour Banga



Girls' Hostel, University of Gour Banga



Section : 2

Extension Centers and Services

2.1 OFFICE OF THE PROGRAMME CO-ORDINATOR NATIONAL SERVICE SCHEME

- NSS has been introduced at the University of Gour Banga since 2010.
- It has become a part and parcel of the academic system.
- The major objective ever since has been to involve the students in the society of which they are an integral part.
- The entire programme of the NSS revolves round the students where in the NSS volunteers put the students in a single thread in order to implement the NSS objectives.
- The NSS is a challenging medium for functioning amongst the downtrodden section of the society

Activities of the NSS Units:

1. Tree plantation in the university campus
2. Multiple times these units cleaned the university campus
3. During the camp the Units has taken Information about The Social, Economical, Educational conditions by creating charts following Statistical Method.
4. Point out the Problems in general & started Campaigning and arranging Awareness Talkings with The Villagers.
5. Volunteers doing The Swacchata Abhiyan in the village.

2.2 INTERNAL QUALITY ASSURANCE CELL (IQAC)

One of the emerging challenges faced by any higher educational institution is the development, application and maintenance of quality benchmarks in all its key performance areas. To institutionalise the process of quality sustenance and enhancement, the Internal Quality Assurance Cell of the University of Gour Banga was established in the University in 2013.

The Cell was formed for ushering in the era of total quality management by working out intervention strategies to enhance the quality in the institution in totality. The Directorate works for assuring all the stakeholders naming students, parents, teachers, staff, funding agencies and society in general for the accountability of institutions for their own quality and probity. The Cell is headed by its Director, Professor Bikash Roy.

Objectives and Functions:

- To undertake intervention strategies for encouraging self-evaluation, accountability and continual improvement in all the systems and processes of the University for student and stakeholder satisfaction.
- To take steps for periodic assessment and accreditation of the University under NAAC.
- To collaborate with other institutions, governing bodies, private sector, government, alumni, civil society etc for improvement of quality and brand image of the University.

- To conduct trainings, lectures, workshops, seminars, conferences, panel discussions, group discussions, management games, off site trainings, symposia or any other suitable measure for the development of human resources of the University.
- To establish quality benchmarks for the affiliated colleges and evolve mechanism for ensuring conformance to Quality.

The Following are the activities of IQAC in last year:

1. IQAC formulated the criteria for direct recruitment of the University teachers based UGC guidelines. It evaluated the applications for open post recruitment.
2. The Cell formulated the criteria for promotion of University teachers under CAS on the basis of West Bengal Govt. order. A sub-committee was formed for evaluation of the application for CAS of the teachers and computation of the API scores related to CAS.
3. The IQAC recommended the introduction of Self Assessment Report (SAR) for implementation.

Future Plan:

- To enhance collaborative research among the departments and to take initiatives for inter-institutional collaboration.
- To introduce institutional fellowship for research students.
- To introduce smart classrooms in each of the departments.
- To enhance outreach programmes for the member of the backward community.
- To introduce fully e-based system for different administrative process like, admission, result publication etc.



Professor Bikash Roy, Director, IQAC

2.3 UNIVERSITY MEDICAL UNIT

The University has recently started a Medical Unit. Renowned doctors of the locality are available on campus between 12 noon and 4 pm on all working days. The Following are the activities of the UGB Medical Unit:

- Medicines for common ailments are being provided to the students and other university communities.
- First aid facilities are being provided for the patients having injury.
- Annual sports, and other important events take place at the campus, the unit extends its service and co-operation during the period of these events.
- Per month on an average about 100 patient visit the Unit.

2.4 UNIVERSITY SC, ST, OBC CELL

The Cell has accomplished all the duties as directed by the authority of the university. No NET/SET coaching classes for the students belonging to SC/ST/OBC and Minority Students of the university have been conducted during this period of COVID 19. The Complaint Redressal Committee of the University level or the College level has received no complaint from any corner either from faculty/staff or from students was received during this session.

Composition of the SC, ST, OBC Cell of University of Gour Banga is as follows:

1. Professor Swagata Sen, Hon'ble Vice Chancellor, UGB — **Chairman**
2. Dr. Sukumar Chandra Roy, Assoc. Professor, Department of Philosophy, UGB — **Jt. Convener**
3. Dr Badal Sarkar, Assoc. Professor, Department of Political Science, UGB — **Jt. Convener**
4. Professor Vivekanada Mandal, Professor, Department of Botany, UGB — **Member**
5. Professor Shyamapada Modak, Professor, Department of Mathematics, UGB — **Member**
6. Dr. Pradip Debnath, Asst. Professor, Department of Education, UGB — **Member**
7. Dr. Mehedi Hasan, Asst. Professor, Department of Arabic, UGB — **Member**
8. Dr. Manoj Lama, Asst. Professor, Department of Zoology, UGB — **Member**
9. Dr. Sunil Saha, Asst. Professor, Department of Geography, UGB — **Member**
10. Smt. Lakshmi Das, Asst. Professor, Department of Commerce, UGB — **Member**
11. Sri Binay Krishna Halder, Deputy Controller of Examinations, UGB — **Member**
12. Sri Albinas Lakra, Junior Assistant, Finance Branch, UGB — **Member**
- 13.

2.5 Report of the Sports Board

Constitution of Sports Board

1. Honourable Vice-Chancellor – **Chairman**
2. Sri Anindya Choudhury, Assistant Professor, Dept. of Sanskrit, UGB — **Convener**
3. Prof. Aditya Kumar Lala, Professor, Dept. of Bengali, UGB — **Member**
4. Prof. Chandan Bhattacharyya, Professor, Dept. of Sanskrit, UGB — **Member**

5. Dr. Ujjwal Kumar Halder, Assistant Professor, Dept. of Education, UGB — **Member**
6. Dr. Ankur Sensharma, Assistant Professor, Dept. of Physics, UGB — **Member**
7. Dr. Sabuj Sarkar, Assistant Professor, Dept. of English, UGB — **Member**
8. Dr. Chandan Barman, Assistant Professor, Dept. of Botany, UGB — **Member**
9. Dr. Krishna Singh, Assistant Professor, Dept. of Economics, UGB — **Member**
10. Dr. Subrata Sarkar, Assistant Professor, Dept. of Physics, UGB — **Member**
11. Dr. Anjali Rawani, Assistant Professor, Dept. of Zoology, UGB — **Member**
12. Dr. Om Prakash Sharma, Assistant Professor, Dept. of Law, UGB — **Member**
13. Dr. Chawang Subba, Assistant Professor, Dept. of History, UGB — **Member**
14. Sri Lalit Kumar Roy, Assistant Professor, Dept. of Law, UGB — **Member**
15. Sri. Bappi Singha, Assistant Professor, Dept. of Sociology, UGB — **Member**
16. Smt. Debasmita Saha, Assistant Professor, Dept. of Computer Science, UGB — **Member**
17. Sri. Samar Sikdar, Junior Assistant, UGB — **Member**
18. Sri. Partha Majumdar, Junior Assistant, UGB — **Member**
19. Sri. Subhaue Das, Ad-hoc Contactual Staf, UGB — **Member**



Gynamisum, UGB

Section : 3

Academic Departments and Services

3.1 ARABIC DEPARTMENT

The Department of Arabic Language and Literature is a full-fledged Department of this University having three Permanent Faculty Members and 100 students in each semester. Teachers and Students of this Department take parts in various Academic and Socio-Cultural Programmes.

1. Name of the Department: **Department of Arabic**
2. Year of establishment: **2008**
3. Programmes offered: **M.A. & Ph.D.**
4. Examination System: **Semester System**
5. Faculty strength:

Professor	Associate Professor	Assistant Professor	Newly recruited in this year
—	02	01	—

6. Ph.D. Pursuing and Awarded:

Ph.D. enrolled (with JRF)	Ph.D. enrolled (without JRF)	Ph.D. awarded (with JRF)	Ph.D. awarded (without JRF)
02	05	01	—

7. Publications:

Number of articles published			Number of book published	Number of book chapters published	Total H-index	Total i-10 index
SCI journal	Scopus journal	Non Scopus journal	02	—	—	—
—	—	—				

Details of publications:

[A] Book:

- (i) Prof. Saifuddin, (2021), *Noor e Muhammadi*, Bushra Publication, Malda.
- (ii) Prof. Saifuddin, (2021), *Madrassa Shikha o Tar Babosthapona*, Bushra Publication, Malda.

8. Seminar/Conference Presentations:

Faculty	Title of the presented paper	Title of seminar	Status of seminar/conference	Organized by	Dates and year
	Contribution of Indian Arabic Scholars to Independence	Contribution of Indian Arabic Scholars to Independence	National	Nagar College, Kalyani University, Murshidabad	09.09.2020

9. Workshop/training pursued:

Faculty	Name of the course	Status of course	Organized by	Dates and year
Dr. Md. Najmul Haque	Methodologies of Research and Academic Writing	Intensive Course	Academy of Excellence in Collaboration with Department of Arabic, Aliah University, Kolkata and Al-Mayadin Magazine for Humanities Studies, Algeria	04.08.2020 to 09.08.2020
Dr. Md. Najmul Haque	Teaching Arabic as a Second Language at Undergraduate Level	International Online Workshop	Department of Arabic, Assam University, Assam	01.09.2020 to 07.09.2020
Dr. Md. Najmul Haque	Refresher Course in Languages, Literature and Cultural Studies	UGC Sponsored	UGC, HRDC, University of Calicut, Kerala	15.10.2020 to 31.10.2020
Dr. Md. Mehedi Hasan	Refresher Course in Languages, Literature and Cultural Studies	UGC Sponsored	UGC, HRDC, University of Calicut, Kerala	15.10.2020 to 31.10.2020

10. NET/SET/GATE qualified:

Name of the examination	Number of candidates
NET	05
NET-JRF	02

11. Placement Details:

School Service	Staff Selection	Public service	College service	University	Banking	Others
—	—	—	—	—	—	03

12. Best practices of your department:

- (i) Involving students in classroom activities, to improve their communication, interpersonal and collaboration skills.
- (ii) Organizing blood donation camps regularly and Encouraging students towards various social works.
- (iii) Organizing national and international seminars, special lectures, celebrating world Arabic language day etc regularly.

3.2 BENGALI DEPARTMENT

The Department of Bengali started its journey with six full time teachers and fifty students. At present the department admits 100 students to each semester. A number of eminent scholars and researchers from various other Universities as well as distinguished writers have delivered talks at the department. The department has organised a number of seminars and workshops on its own and in collaboration with other institutions.

1. Name of the Department: **Department of Bengali**
2. Year of establishment: **2008**
3. Programmes offered: **M.A., M. Phil. & Ph. D.**
4. Examination System: **Semester System**
5. Faculty strength:

Professor	Associate Professor	Assistant Professor	Newly recruited in this year
06	01	—	—

6. Ph.D. Pursuing and Awarded:

Ph.D. enrolled (with JRF)	Ph.D. enrolled (without JRF)	Ph.D. awarded (with JRF)	Ph.D. awarded (without JRF)
09	—	—	05

Details of publications:

[A] Articles:

- (i) **Saha, Sadhan Kumar. 2020**, Saikat Rakshiter Upanayas' Madanveri Ghasi Janagosthir Itibritta, Astitwa Bipannatar Aakhyan, Khoai, Volume 47, ISSN:2319-8389
- (ii) **Lala Aditya Kumar. (June,2021)**, Dhuyapader Swarup O Byabahar Riti: Prekkhit Madhuajuger Sahitya, Shruti, Vol-XV , Page 07-14 . Shruti Gabeshana Parisad, ISSN – 2394-7225
- (iii) **Banerjee, Achinta Kumar.** May 2021, "Nachni: Loksanskritir Prekshite", "Ebong Prantik", Edited By Dr. Ashis Roy, Volume No. 8th , Issue-17th ,Pages 531-537, ISSN- 2582-3841(O)2348-487X(P), SJIF Approved Impact Factor: 7.16

[B] Book:

- (i)Bandyopadhyay, Sauren, 2020, Shibram Chakraborty Jeeban O Sahitya, PURBASHA, KOLKATA-073, *Reference Book*, ISBN- 978-93-82651-18-5
- (ii) **Lala Aditya Kumar (October,2020)**, Rameshwar Bhattacharyer Shibayan Kabi O Kabyashilpa,, Deys Publishing, ISBN – 978-81-948033-9-3, Page- 160

[C] Book Chapters:

- (i) **Bandyopadhyay, Sauren. 2020**, Shibramer Galpo: Rachana Shaili, Aquirechy, Malda, *without ISBN*
- (ii) **Bandyopadhyay, Sauren. 2020**, Kabi Vidyasagar : Soundarjyer Sadhanay, Iswarchandra Vidyasagarer Dwishata Barshik Janmotsab Committee, Vidyasagar : Dusho Bachhar, Edited by-Suniti Malakar, *without ISBN*
- (iii) **Bandyopadhyay, Sauren. 2020**, Vidyasagar : Mahan Adarsher Pratikriti, Granthakutir Vidyasagar 2020, Edit by Soumitra Sekhar, ISBN- 978-984-21-0345-2
- (iv) **Banerjee, Achinta Kumar. February 2021**, Bangla Kathasahitya Lokayato Oitijher anusandhan , “Lokayoto Upadan : Shabarchorit”, Edited by Arghya Banerjee, Sk Ekramul Hossain, Page- 60-68, Bangiya Sahitya Sansad, ISBN: 978-93-88988-77-3, February-2021
- (v) **Banerjee, Achinta Kumar. Loksanskritir Bibartan : Sekal Ekal, 19th July 2021**, “Loksanskritir Bibartan, Sekal Ekal: Ekti Samiksha”, Edited by, Ebong Prantik, ISBN: 978-93-85454-40-0

7. Seminar/Conference Presentations:

Faculty	Title of the presented paper	Title of seminar	Status of seminar/conference	Organized by	Dates and year
Sauren Bandyopadhyay,	Lipi	Bhasha O Bhasha Biggan Charcha	Dept. of Bengali, Manikchak College,	Dept. of Bengali, Manikchak College,	8 th November, 2020
Sauren Bandyopadhyay,	Iswar Prithibi Valobasha	Antarjalik Baktritamala-4	International Level	Shakbol	28 th August, 2020, Online
Sauren Bandyopadhyay,	Key Note Speaker, Bangla Sahitye Samajik, Rajnoitik, Sanskritik o Dharmio Andolon	Bangla Sahitye Samajik, Rajnoitik, Sanskritik o Dharmio Andolon	International Level	Gouri Culture & Chakdaha College	28 August, 2020
Sauren Bandyopadhyay	Key Note Speaker, Bangla Bhasha : Anchalikota, Jatiyata O Antarjatikata	Bangla Bhasha : Anchalikota, Jatiyata O Antarjatikata	International Level	Department of Bengali, Bidhan Chandra College	24 July, 2020
Prof. Dr. Sunima Ghosh	Nil Andolan Theke Bangavanga : Bangla Natoker Swarup	Bangla Natoke Sankot :Star Theke Starantar	National	Dr. Meghnath Saha College	20 July 2020

8. Academic events organized by the department:

Type of Programme organized	Date	Theme	Name of the renowned resource persons
Special Lecture	03-02-2020	Bankimchandrur Sahityer Nandan Bhabna	Prof. Tapadhir Bhattacharya, Former Vice-Chancellor, Assam University

9. NET/SET/GATE qualified:

Name of the examination	Number of candidates
NET	06
NET-JRF	01
SET	08

10. Placement Details:

School Service	Staff Selection	Public service	College service	University	Banking	Others
01	02	—	06	—	01	12

11. M.Phil Pursuing and Awarded:

M.Phil enrolled	M.Phil awarded
17	18

3.3 BOTANY DEPARTMENT

The post graduate Department of Botany of the University of Gour Banga started its journey since January, 2012, with three faculty members and twenty students under a two-year-four-semester system. Two years M.Sc. in **Botany** with three areas of specialization in Cytology, Molecular Genetics, Cell Biology and Plant Biotechnology; Microbiology and Microbial Biotechnology, and Plant Physiology, Biochemistry and Molecular Biology. Ph.D. Programme has been started from January, 2015. Besides, arrangement of more experimental setup is under progress to run the laboratories in full swing.

1. Name of the Department: **Department of Botany**
2. Year of establishment: **2012**
3. Programmes offered: **M.Sc. & Ph.D.**
4. Examination System: **Semester System**
5. Faculty strength:

Professor	Associate Professor	Assistant Professor	Newly recruited in this year
02	—	03	—

6. Ph.D. Pursuing and Awarded:

Ph.D. enrolled (with JRF)	Ph.D. enrolled (without JRF)	Ph.D. awarded (with JRF)	Ph.D. awarded (without JRF)
—	05	—	01

7. Publications:

Number of articles published			Number of book published	Number of book chapters published	Total H-index	Total i-10 index
SCI journal	Scopus journal	Non Scopus journal	—	04	—	—
03	10	02				

Details of publications:

[A] Articles:

- (i) Das S, **Mandal V*** and Mandal NC* (2020) Broad-spectrum antimicrobial efficacy of *Pediococcus acidilactici* LAB001 against food spoilage and toxigenic bacteria and fungi. Journal of Food Processing and Preservation, 2020;00:e15066. <https://doi.org/10.1111/jfpp.15066> (IF: 2.190)
- (ii) Misra D, Mandal M, Ghosh NN, and **Mandal V* (2020)** Extraction and volatile compounds profiling of the bioactive fraction of *Monochoria hastata*(L.) Solms. **Pharmacogn. Mag.** 16: S517-23. DOI: 10.4103/pm.pm_386_19 (IF: 1.085)

- (iii) **Mandal V***, Kundu S, Barman J and Adhikary R (2020) Harvesting strategy for different mango varieties based on comparative sugar and phenol contents. **Proceedings of the National Academy of Science, India, Sect. B Biol. Sci.** 91:1-11 <https://doi.org/10.1007/s40011-020-01188-w>(IF: 0.95)
- (iv) Mandal M, Misra D, Ghosh NN, Mandal S, and **Mandal V*** (2020) GC-MS analysis of anti-Enterobacterial dichloromethane fraction of Mandukaparni (*Hydrocotyle javanica* Thunb.) – A plant from Ayurveda. **Pharmacognosy Journal**, 2020; 12(6) Suppl: 1494-1503. DOI: 10.5530/pj.2020.12.205 (IF: 1.07)
- (v) Adhikary R, Kundu S, Maiti PK, Mitra P, Mandal S, and **Mandal V***(2020)Effect of different stimuli on twitching behaviour of endophytic bacteria isolated from *Loranthus* sp. Jacq. **Antonie van Leeuwenhoek**, 113, 1489–1505. <https://doi.org/10.1007/s10482-020-01458-7>(IF: 2.271)
- (vi) Chowdhury SK, Majumdar S, and **Mandal V***(2020)Application of *Bacillus* sp. LBF-01 in the *Capsicum annum* plant reduces the fungicide use against *Fusarium oxysporum*. **Biocatalysis and Agricultural Biotechnology**, 27, 101714. <https://doi.org/10.1016/j.bcab.2020.101714>.(IF: 3.281)
- (vii) Dutta T, Ghosh NN, Das M, Adhikary R, **Mandal V**, and Chattopadhyay A.P.(2020)Green synthesis of antibacterial and antifungal silver nanoparticles using *Citrus limetta* peel extract: Experimental and Theoretical studies. **Journal of Environmental Chemical Engineering**,8(4), 104019. <https://doi.org/10.1016/j.jece.2020.104019>(IF: 5.909)
- (viii) Dutta T, Chattopadhyay AP, Mandal M, Ghosh NN, **Mandal V**, and Das M (2020) Facile green synthesis of silver bionanocomposite with size-dependent antibacterial and synergistic effects: A combined experimental and theoretical studies. **Journal of Inorganic and Organometallic Polymers** 30, 1839–1851 (2020). <https://doi.org/10.1007/s10904-019-01332-8>(IF: 3.543)
- (ix) Adhikary R, **Mandal V*** (2020) Niche competition and mineral utilization between weeds in standing crop Fields: A systematic study. **Russian Agricultural Sciences.** 46:476-83. <https://doi.org/10.3103/S106836742005002X>
- (x) Chowdhury SK, Majumdar S and **Mandal V*** (2020)Biocontrol potential and growth promotion capability of *Bacillus* sp. LBF-1 for management of wilt disease of *Solanum lycopersicum* caused by *Fusarium* sp. **Russian Agricultural Sciences**, 46, 139–147 (2020). <https://doi.org/10.3103/S1068367420020044>(IF: 0.00)

- (xi) Karmakar A, Mandal P, Adhikary R, and **Mandal V*** (2020) Assessment of rhizospheric arbuscular mycorrhizae spores in relation to soil characters in the rice fields of Malda district, India. **Russian Agricultural Sciences**,46(1): 48-55. <https://doi.org/10.3103/S1068367420010036>(IF: 0.00)
- (xii) Sil, S.K., Mukherjee, N., Bagchi, S., Gupta, S and Ganguli, K. (2021). Structure and beneficial aspects of tea flowers. *Annals of Romanian J. Cell Biol.* 25(1): 5661-5671. ISSN 1583-6258 [Scopus]
- (xiii) Sil, S.K. & Gupta, S. (2021). An investigation on duckweed diversity and some chemical parameters of water in different ecosystems in Malda district (W.B.) India. *Adv. Plant Sc.* 34(I-II): 139-146. ISSN 0970-3586 [WoS]
- (xiv) Srivastava, V., Squartini, A., Masi, A., Sarkar, A., & Singh, R. P. (2021). Metabarcoding analysis of the bacterial succession during vermicomposting of municipal solid waste employing the earthworm *Eisenia fetida*. *Science of the Total Environment*, 766, 144389. Elsevier. <https://doi.org/10.1016/j.scitotenv.2020.144389>Online ISSN: 1879-1026Print ISSN: 0048-9697 (IF 8.2)
- (xv) Das, S., Bharati, A. M., Kamilya, P., & Sarkar, A. (2020). Responses of some herbaceous road-side wild plant species against ambient particulate pollution (PM10): A case study from Malda district, West Bengal. *Pleione*, 14(2), 311-322. East Himalayan Society for Spermatophyte Taxonomy. ISSN 0973-9467

[C] Book Chapters:

- (i) Chowdhury SK, Misra D, and **Mandal V** (2020) Medicinal Plant-Derived Antimicrobials' Fight Against Multidrug-Resistant Pathogens. In: T. Aftab, K. Hakeem (eds.), *Medicinal and Aromatic Plants*, https://doi.org/10.1007/978-3-030-58975-2_17 (Chapter 17), Springer Nature Switzerland, AG 2021
- (ii) Sarkar, A., Datta, S., & Singh, P. (2017). Tropospheric ozone pollution, agriculture, and food security. *Environmental issues surrounding human overpopulation*, 233-252. DOI: 10.4018/978-1-5225-1683-5.ch014 ISBN13: 9781522516835
- (iii) Sarkar, M., Pandey, D., Rakwal, R., Agrawal, G. K., & Sarkar, A. (2021). Impact of tropospheric ozone pollution on wheat production in Southeast Asia: An update. In *Global Climate Change* (pp. 235-266). Elsevier. <https://doi.org/10.1016/B978-0-12-822928-6.00008-3> ISBN978-0-12-822928-6
- (iv) Das, S., Pal, D., & Sarkar, A. (2021). Particulate matter pollution and global agricultural productivity. *Sustainable Agriculture Reviews 50: Emerging Contaminants in Agriculture*, 79-107. Springer. https://doi.org/10.1007/978-3-030-63249-6_4 Print ISBN978-3-030-63248-9

8. Seminar/Conference Presentations:

Faculty	Title of the presented paper	Title of seminar	Status of seminar/conference	Organized by	Dates and year
Prof Vivekananda Mandal	Speaker of Webinar on “Role Of Microbes In Energy Crisis And Environmental Toxicity Mitigation		National	Dept. of Physics, Chemistry, Mathematics, Humanities, IIC & JISCE, JIS College of Engineering, Kalyani	03 rd July 2020
Prof Vivekananda Mandal	A special lecture entitled “Bio-Prospecting Microbes For Food and Agriculture” during the Online Special Lecture Series	“Current Trends in Basic Sciences and Career Opportunities”		Department of Botany, Chemistry And IQAC, Balurghat Mahila Mahavidyalaya, Balurghat, Dakshin Dinajpur, West Bengal	From 25 th to 26 th June 2020

9. NET/SET/GATE qualified:

Name of the examination	Number of candidates
NET	01
NET-JRF	01

10. Placement Details:

School Service	Staff Selection	Public service	College service	University	Banking	Others
—	—	—	—	—	—	04

3.4 CHEMISTRY DEPARTMENT

The Department of Chemistry is a full-fledged Department of this University having three Permanent Faculty Members and forty students in each semester. In the Chemistry Department at University of Gour Banga, we seek to explore and to expand the frontiers of modern chemistry. Department of chemistry offers excellent education and strive to provide a complete, yet inspiring and supporting environment for our student, faculty and visitors. The Department has a very strong commitment for obtaining and maintaining state-of-the-art instrumentation facility. Chemistry Department is planning to tie-up with industrial laboratories to get opportunities for the development of new technologies and Academy-industry entrepreneurship

1. Name of the Department: **Department of Chemistry**
2. Year of establishment: **2012**
3. Programmes offered: **M.Sc. & Ph.D.**
4. Examination System: **Semester System**
5. Faculty strength:

Professor	Associate Professor	Assistant Professor	Newly recruited in this year
01	01	01	—

6. Ph.D. Pursuing and Awarded:

Ph.D. enrolled (with JRF)	Ph.D. enrolled (without JRF)	Ph.D. awarded (with JRF)	Ph.D. awarded (without JRF)
01	03	—	—

7. Details of publications:

[A] Articles:

- (i) Sarkar, R., Kar, M., Habib, M., Zhou, G., Frauenheim, T., Sarkar, P., Pal, S., & Prezhdo, O. V. (2021). Common defects accelerate charge separation and reduce recombination in CNT/molecule composites: Atomistic quantum dynamics, J. Am. Chem. Soc., 143, 17, 6649–6656, ACS <https://pubs.acs.org/doi/abs/10.1021/jacs.1c02325> /ISSN: 0002-7863 (Impact Factor: 14.4)
- (ii) Sarkar, R., Habib, M., Pal, S., & Prezhdo, O. V. (2021). Tuning charge transfer and recombination in exTTF/CNT nanohybrids by choice of chalcogen: A time-domain density functional analysis, J. Appl. Phys. 129, 025501, AIP <https://pubs.aip.org/aip/jap/article/129/2/025501/1078972> /ISSN: 1089-7550 (Impact Factor: 2.286)
- (iii) Kar, M., Sarkar, R., Pal, S., & Sarkar, P. (2021). Lead free two-dimensional mixed tin and germanium halide perovskites for photovoltaic applications, J. Phys. Chem. C, 125, 1, 74–81, ACS <https://pubs.acs.org/doi/abs/10.1021/acs.jpcc.0c08164> /ISSN: 1932-7455 (Impact Factor: 3.3)

- (iv) Kar, M., Sarkar, R., Pal, S., & Sarkar, P. (2020). Tunable Electronic Structure of Two-Dimensional MoX₂ (X = S, Se)/SnS₂ van der Waals Heterostructures, *J. Phys. Chem. C*, 124, 39, 21357–21365, ACS <https://pubs.acs.org/doi/abs/10.1021/acs.jpcc.0c07125> /ISSN: 1932-7455 (Impact Factor: 3.3)
- (v) Chowdhury, S. K., Dutta, T., Chattopadhyay, A. P., Ghosh, N. N., Chowdhury, S. & Mandal, V., Isolation of antimicrobial Tridecanoic acid from *Bacillus* sp. LBF-01 and its potentialization through silver nanoparticles synthesis: a combined experimental and theoretical studies, (2021) *Journal of Nanostructure in Chemistry*, 11, 573–587, Springer, <https://doi.org/10.1007/s40097-020-00385-3/> ISSN : 2193-8865 (Impact Factor 8.6)
- (vi) Bhattacharjee, M., Boruah, S. R., Dutta Purkayastha, R. N., Ganguly, R., Maiti, D., Franconetti A., Frontera, A., Kirillov, A. M., Chowdhury, S., Roy, S., Nath, P., (2021) Synthesis, characterization, DNA binding ability, in vitro cytotoxicity, electrochemical properties and theoretical studies of copper(II) carboxylate complexes, *Inorganica Chimica Acta* 518, 120235, Elsevier, <https://doi.org/10.1016/j.ica.2020.120235> ISSN 0020-1693 (Impact Factor 2.7)
- (vii) Chatterjee, A., Seikh, M. M., Chowdhury, S., Ghosh, R. (2021) Catecholase and catechol cleavage activities of a dinuclear phenoxobridged Cu(II) complex: Synthesis, structure and magnetostructural studies, *Inorganica Chimica Acta* 521, 120345, Elsevier, <https://doi.org/10.1016/j.ica.2021.120345> ISSN 0020-1693 (Impact Factor 2.7)

8. Research Projects:

S. No.	Name of the Investigator	Project No. With date	Funding Agency	Title of the project and duration(Start and end date	Amount sanctioned	Status
1	Prof. Sougata Pal (PI)	01(2956)/18/EMR-II dated 01/05/2018	CSIR	“Interfacial Electron Transfer Dynamics In Semiconductor Nanocomposites: A Nonadiabatic Molecular Dynamics Simulation” (2018-2024)	12.64 Lakhs	Pursuing
2.	Dr. Sadananda Mandal (PI)	EEQ/2021/000084 dated 22/02/2021	DST-SERB, India	Design of Semiconductor Quantum Dot-Organic Molecule Hybrids and Studies of Their Photoinduced Charge/Energy Transfer	39.5 Lakhs	On going
3.	Dr. Shubhamoy Chowdhury (PI)	1753 (sanc.)/sT/P/S&T/15 G-2/2019	WBSTB D	Catalytic applications of oxorhenium(V) complexes anchored with mesoporous Silica (2020-2024)	4.30 Lakh	On going

9. Seminar/Conference Presentations:

Faculty	Title of the presented paper	Title of seminar	Status of seminar/conference	Organized by	Dates and year
Sadananda Mandal	Porphyrin Doped Polymer Nanoparticles		International	Sidhu kanhu Birsa University	23 rd June 2021
Shubhamoy Chowdhury	A dual channel subsequent detection of Cu ²⁺ ion and Cysteine by substituted imidazole probe	Recent Advancement in Chemistry & Material Sciences-2020	International	Indian Chemical Society in collaboration with American Chemical Society	22 nd August 2020

10. NET/SET/GATE qualified:

Name of the examination	Number of candidates
NET	02
NET-JRF	01
GATE	01

11. Placement Details:

School Service	Staff Selection	Public service	College service	University	Banking	Others
—	—	—	01 (SACT)	—	—	04

3.5 COMMERCE DEPARTMENT

The PG Department of Commerce of this University started its M.Com course from January 2012 onwards. At present there are six full-time faculty members and hundred students in each semester. Teachers and Students of this Department take parts in various Academic Programmes. The department has also added a new feather in its crown by starting Ph.D. programme in the year 2012.

1. Name of the Department: **Department of Commerce**
2. Year of establishment: **2012**
3. Programmes offered: **M.Com. & Ph.D.**
4. Examination System: **Semester System**
5. Faculty strength:

Professor	Associate Professor	Assistant Professor	Newly recruited in this year
03	—	03	—

6. Ph.D. Pursuing and Awarded:

Ph.D. enrolled (with JRF)	Ph.D. enrolled (without JRF)	Ph.D. awarded (with JRF)	Ph.D. awarded (without JRF)
—	04	—	—

7. Publications:

Number of articles published			Number of book published	Number of book chapters published	Total H-index	Total i-10 index
SCI journal	Scopus journal	Non Scopus journal	03	07	—	—
—	—	06				

Details of publications:

[A] Articles:

Prof. Manas Chakrabarti

- (i) Mistri, P., &Chakrabarti, M. (2021), 'Analysing capital structure of leading Auto-ancillaries companies in India: A panel data analysis', *IOSR Journal of Business and Management*, 23(11), 34-41. (e-ISSN: 2278-487X, p-ISSN: 2319-7668), UGC Approved Journal No. 46879, SL.NO. 2953 DOI: <http://dx.doi.org/10.9790/487X-2311023441>
- (ii) Mistri, P., &Chakrabarti, M. (2021). Determinants of capital structure: Empirical analysis from BSE listed Large-cap Autoancillaries companies. *SIT Journal of Management*, 11 (2), 23-35. (ISSN: 2278-9111)Impact Factor: 4.125

- (iii) Sen, T & Chakrabarti, M (2021), “Normative Approach of Assessment of Municipal finance; A Case study of West Bengal”, ASET ISSN (p)2319-491X.2021 ISSN(Online) 2319-4928 Vol.10,Issue 2 pp 15-22
- (iv) Sen, T & Chakrabarti, M (2021), “A case study on financial performance of Urban Local Bodies with a special reference to the State of West Bengal”, MUDRA:JFA (Journal Press India)vol.8(i) jan-Jun 2021 pp 140-156 ISSN(p)2347-4467 EISN 2395-2598

Prof. Goutam Bhowmik

- (v) Bhowmik, G., & Dutta, S. (2021, June). Jal Marg Vikas Project of National Waterways-1 (Haldia to Varanasi): A comparative analysis with respect to railways and roadways. *Indian Journal of Accounting*, 53(1), 90-107

Smt Pinky Mistri

- (vi) Mistri, P., (2020), ‘Auditors Role in combating Bank Fraud: A Case Study of Punjab National Bank Scam’, *International Journal of Business, Management and Allied Sciences*, 7(3), 64-67. (ISSN 2349-4638), UGC Approved Journal No. 43335, Sl.No. 3830 DOI: <http://dx.doi.org/10.33329/ijbmas.7.3.58>

Sri Biswajit Paul

- (vii) B. Paul & A. K. Sana. (2021). How far Foreign Direct Investment (FDI) is enhancing Self-Reliance of Indian Defence Sector?. *The Management Accountant Journal, The Institute of Cost Accountants of India*. Vol. 56/No. 04/April, 2021 pp. 36 – 39. ISSN 0972-3528. Refereed & Impact Factor (2015) 0.563 (Listed at Index Copernicus & J-Gate). DOI: <http://dx.doi.org/10.33516/maj.v56i4.36-39p>

[B] Book:

Prof. Manas Chakrabarti & Prof. Goutam Bhowmik

- (i) Chakraborti, M. and Bhowmik, G. (2021). *Emerging Issues and Debates in Accounting and Finance* (Edited Book), Rohini Nandan, ISBN: 9789391572112, Kolkata.

Prof. Bhaskar Bagchi

- (ii) Bagchi, B., Chatterjee, S., Ghosh, R. and Dandapat, D. R. (2020). *Coronavirus Outbreak and the Great Lockdown: Impact on Oil Prices and Stock Markets across the Globe*, 2020, (ISBN: 978-981-15-7781-9), Springer Nature Singapore Pte. Ltd.

Book Chapters

Prof. Manas Chakrabarti

- (i) Mistri, P., & Chakrabarti, M. (2021) 'Corporate Frauds and the role of the Corporate Governance', *Emerging Issues and Debates in Accounting and Finance, Rohini Nandan* 64-67. (ISBN 978-93-91572-11-2)
- (ii) Guha Majumder, K., & Chakrabarti, M. (2021). Sustainable Development and Finance. In M. Chakrabarti, & G. Bhowmik (Eds.), *Emerging Issues and Debates in Accounting and Finance* (p. 221). Kolkata: Rohini Nandan.

Prof. Bhaskar Bagchi

- (iii) Chatterjee, S., Ghosh, R. & Bagchi, B. (2021). Crude Oil prices and Macro Economic Indicators: A Study on Volatility Spillover Effect in India, in *Emerging Issues and Debates in Accounting and Finance (Ed.)*, Department of Commerce, University of Gour Banga, India.
- (iv) Bagchi, B & Mishra, A. (2020). Causality between Liquidity Management and Profitability in Stationary Series: Evidence from Indian public Sector Enterprises, in *Business Practices and Sustainability (Ed.)*, Department of Commerce, Vidyasagar University, India.

Smt Pinky Mistri

- (v) Mistri, P., & Chakrabarti, M. (2021) 'Corporate Frauds and the role of the Corporate Governance', *Emerging Issues and Debates in Accounting and Finance, Rohini Nandan* 64-67. (ISBN 978-93-91572-11-2)

Sri Biswajit Paul

- (vi) **B. Paul**, S. Kanrar & P. Pyne. (2020). Role of Foreign Direct Investment to Enhance the Economic Sustainability of Manufacturing Industry in India: An Empirical Study. *Business Practices and Sustainability*. Edited By: Samir Ghosh, Tarak Nath Sahu, Abhijit Sinha & Brajaballav Pal. Published By : Department of Commerce with Farm Management, Vidyasagar University, Midnapore, West Bengal (National). September, 2020, pp. 22-33. **ISBN 978-93-5406-346-6**.
- (vii) **B. Paul** & P. Ghosh. (2021). Customers' Perception on Adoption of Digital Banking During and Post Covid-19 Pandemic: A Study Based on Kolkata. *Emerging Issues in Banking, Insurance and Financial Services*. Edited By: Pema Lama & Brahma Chaudhuri. Published By: Vandana Publications (National). January, 2021, pp. 20-30, **ISBN 978-93-90728-02-2**. Link: <https://www.vandanapublications.com/product/emerging-issues-in-banking-insurance-and-financial-services-eibifs/>

7. Seminar/Conference Presentations:

Faculty	Title of the presented paper	Title of seminar	Status of seminar/conference	Organized by	Dates and year
Dr. Bhaskar Bagchi	On the Effect of Economic Policy Uncertainty Index on Indian Economy in the wake of COVID-19 Pandemic	International Conference on Economics, Finance and Management	International	European Business School, Paris; IPAG Business School, Paris; Lille Catholic University, France; University of Saint Denis, France; La Trobe University and others	June, 25, 2021.
Bhowmik, G. and Dutta, S. (2021)	Jal Marg Vikas Project of National Waterways-1 (Haldia to Varanasi): A Comprehensive Assessment	Contemporary Issues in Accounting and Finance	National	IAARF	09 th January 2021
Bhowmik, G., & Dutta, S. (2020)	Consolidation of Indian public sector banks with special reference to merger of Bank of Baroda, Vijaya Bank and Dena Bank	Recent Trends in Commerce and Business Research	UGC CPE Funded National Seminar	Barrackpore Rastraguru Surrendranath College	7 th February 2020
Pinky Mistri		Impact of Covid-19 Pandemic and Lockdown On Industry, Trade and Commerce	Two days international webinar	Department of Commerce with IQAC, Victoria Institution (College) and Department of Commerce with IQAC, Kishore Bharti Bhagini Nivedita College, Behala	30-31 st August 2020
Biswajit Paul	'Sustainable Recovery with the Help of Social Infrastructure: The Opportunity to Build Back better after COVID-19'	Invited Lecture as Keynote Speaker on National Seminar on Impact of Covid-19 on Indian Economy.	National Level Seminar	Organised by: Department of Commerce & IQAC, Cooch Behar Panchanan Barma University, Cooch Behar West Bengal.	25.01.2021

8. Workshop/training pursued:

Faculty	Name of the course	Status of course	Organized by	Dates and year
Pinky Mistri	MOOC, online course and open Educational Resources	One week online workshop	UGC-HRDC, Guru Jambheshwar University of Science & Technology, Hisar (Haryana)	24-29 th August 2020
Pinky Mistri	Online Refresher Course on Commerce and Management	Refresher Course	UGC- HRDC, Ranchi University, Ranchi	16-29 th September 2020
Pinky Mistri	Digital Tools for 21 st Century: Word Processing & spread sheets	Faculty Development Programme (FDP)	Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMNMT) of Ministry of Education	27th January – 02nd February 2021
Biswajit Paul	One Week Online International WORKSHOP on 'Research Methodology'	International	Organised by: Department of Commerce, Assam University, Silchar	13.07.2020 to 18.07.2020

9. Academic events (special talk/seminar/workshop etc.) organized by the department:

Type of Programme organized	Date	Theme	Name of the renowned resource persons
Seven Days Workshop	5 – 12 th October 2018	Learning with QGIS Software	Dr. Mukunda Mishra, Dr. Meghnad Saha College

10. Placement Details:

School Service	Staff Selection	Public service	College service	University	Banking	Others
—	—	—	02 (SACT)	—	—	02

3.6 COMPUTER SCIENCE DEPARTMENT

The PG Department of Computer Science started its academic journey in 2011 with 20 students. There are three assistant professors in the department with intake capacity forty students. Department managed to set up one project lab and one programming language practice lab. Students are working on Data Mining, Natural Language Processing, Image Processing and Android app development projects. The department organize students' seminar in each semester to enhance their domain of knowledge and build up their communication skills. Department is working hard to enhance the quality of education and encourage local students to join this technical stream.

1. Name of the Department: **Department of Computer Science**
2. Year of establishment: **2012**
3. Programmes offered: **M.Sc.**
4. Examination System: **Semester System**
5. Faculty strength:

Professor	Associate Professor	Assistant Professor	Newly recruited in this year
—	—	03	—

6. Publications

Number of articles published			Number of book published	Number of book chapters published	Total H-index	Total i-10 index
SCI journal	Scopus journal	Non Scopus journal	—	05	09	06
05	01	—				

Details of publications

[A] Articles:

- (i) Das B., Das, A. and Saha, D.(2021). Predicting Seasonal Variation in Habitat Distribution of Himalayan Newt (*Tylototriton verrucosus*) in Darjeeling District, India, International Journal of Ecology and Environmental Sciences 47(2): 125-134, ISSN: 2320-5199 (Online).
- (ii) Banerjee, A., Sufian, A., Paul, K. K., & Gupta, S. K. (2022). Edtp: Energy and delay optimized trajectory planning for uav-iot environment. Computer Networks, 202, 108623. [IF 4.4]. DOI: <https://doi.org/10.1016/j.comnet.2021.108623>
- (iii) Banerjee, A., Sufian, A., Sadiq, A. S., & Mirjalili, S. (2021). Minimum energy transmission forest-based geocast in software-defined wireless sensor networks. Transactions on Emerging Telecommunications Technologies, 32(9), e4253. [IF 2.5]. DOI: <https://doi.org/10.1002/ett.4253>

- (iv) Banerjee, A., & Sufian, A. (2021). Smart-Green-Mult (SGM): Overhear from topological kingpins in software-defined wireless sensor networks. *Journal of Ambient Intelligence and Humanized Computing*, 12(1), 387-404. [IF 7.104 (2021)].DOI: <https://doi.org/10.1007/s12652-020-01984-2>
- (v) **Sultana, F.**, Sufian, A., & Dutta, P. (2020). Evolution of image segmentation using deep convolutional neural network: A survey. *Knowledge-Based Systems*, 201, 106062. <https://doi.org/10.1016/j.knosys.2020.106062>, Impact factor: 8.8

[B] Book Chapters:

- (i) Mandal, A., **Saha, D.** and Sarkar, M. (2021). Follicle Segmentation Using K-Means Clustering from Ultrasound Image of Ovary. In *Proceedings of International Conference on Frontiers in Computing and Systems*, edited by Debotosh Bhattacharjee, Dipak Kumar Kole, Nilanjan Dey, Subhadip Basu, and Dariusz Plewczynski, 1255:545–53. *Advances in Intelligent Systems and Computing*. Singapore: Springer Singapore. https://doi.org/10.1007/978-981-15-7834-2_51.
- (ii) Mandal, A., Sarkar, M, and **Saha, D.** (2021). Follicle Segmentation from Ovarian USG Image Using Horizontal Window Filtering and Filled Convex Hull Technique. In *Proceedings of International Conference on Frontiers in Computing and Systems*, edited by Debotosh Bhattacharjee, Dipak Kumar Kole, Nilanjan Dey, Subhadip Basu, and Dariusz Plewczynski, 1255:555–63. *Advances in Intelligent Systems and Computing*. Singapore: Springer Singapore. https://doi.org/10.1007/978-981-15-7834-2_52.
- (iii) **Sufian, A.**, Alam, E., Ghosh, A., Sultana, F., De, D., & Dong, M. (2021). Deep learning in computer vision through mobile edge computing for iot. *Mobile Edge Computing*, 443-471. DOI: https://doi.org/10.1007/978-3-030-69893-5_18.
- (iv) **Sufian, A.**, Jat, D. S., & Banerjee, A. (2020). Insights of artificial intelligence to stop spread of covid-19. *Big Data Analytics and Artificial Intelligence Against COVID-19: Innovation Vision and Approach*, 177-190. DOI: https://doi.org/10.1007/978-3-030-55258-9_11
- (v) Sufian, A., Alam, E., Ghosh, A., **Sultana, F.**, De, D., & Dong, M. (2021). Deep learning in computer vision through mobile edge computing for iot. *Mobile Edge Computing*, 443-471. https://doi.org/10.1007/978-3-030-69893-5_18.

7. Seminar/Conference Presentations:

Faculty	Title of the presented paper	Title of seminar	Status of seminar/conference	Organized by	Dates and year
Abu Sufian	A Deep Transfer Learning-based Edge Computing Method for Home Health Monitoring	55th Annual Conference on Information Sciences and Systems (CISS)	International	Johns Hopkins University (Online)	March 24-26, 2021
Abu Sufian	Leveraging Deep Learning for Computer Vision: A Review	22nd International Arab Conference on Information Technology (ACIT)	International	Sultan Qaboos University, Muscat, Oman (online)	December 21-23, 2021
Abu Sufian	HFAIR: Hello Devoid Optimized Version of FAIR Protocol for Mobile Ad hoc Networks	Intelligence Enabled Research: DoSIER 2020	International	Visva-Bharati, Santiniketan	August 12-13, 2020

8. Workshop / Training Pursued:

Faculty	Name of the course	Status of course	Organized by	Dates and year
Abu Sufian	The Postdoc Academy: Succeeding as a Postdoc	Completed through Online	Boston University through Coursera	July - August 2020
Farhana Sultana	IEEE Computational Intelligence Society (CIS) Distinguished Lecture Programme (DLP)	International (Online)	Department of Computer & System Sciences, VB in association with IEEE CIS Kolkata Chapter.	22 nd November 2020
Farhana Sultana	The Course on Python with Data Science	National (Online)	Computer Society of India Kolkata Chapter	16th to 20th December 2020
Farhana Sultana	Convolutional Networks for Medical Image Analysis: Its Past, Future, and Issues	International (Online)	IEEE CIS Kolkata Chapter.	12 January
	Intelligent Biomedical Image Analysis	International (Online)	IEEE CIS Kolkata Chapter.	11 February 2021
Farhana Sultana	IEEE Computational Intelligence Society (CIS) Distinguished Lecture Programme (DLP)	International (Online)	RCCIT in association with IEEE CIS Kolkata Chapter	24th February 2021
Farhana Sultana	Webiner on Advancement of Intelligent System and Computation	National (Online)	Department of CSE, JIS College of Engineering, WB	20 th to 24 th April 2021
Farhana Sultana	FDP on Data Analytics for Basic and Applied Sciences	National (Online)	Adamas University	14th to 20th June 2021

9. Academic events (special talk/seminar/workshop etc.) organized by the department:

Type of Programme organized	Date	Theme	Name of the renowned resource persons
IEEE CIS Distinguished Lecture	17 September, 2020	Convolutional Networks for Medical Image Analysis: Its Past, Future and Issues	Prof. Pau-Choo Chung (Julia), National Cheng Kung University, Tainan, Taiwan.

11. NET/SET/GATE qualified:

Name of the examination	Number of candidates
NET	01

Placement Details:

School Service	Staff Selection	Public service	College service	University	Banking	Others
01	—	—	—	—	—	06

3.7 ECONOMICS DEPARTMENT

The Department of Economics under the School of Social Science, University of Gour Banga started its expedition with two faculties Ms. Sushma Subba and Dr. Tushar Kanti Nandi on January 19th, 2012. At present Department has six faculty members with an intake of 100 in each semester.

1. Name of the Department: **Department of Economics**
2. Year of establishment: **2012**
3. Programmes offered: **M.A. & Ph.D.**
4. Examination System: **Semester System**
5. Faculty strength:

Professor	Associate Professor	Assistant Professor	Newly recruited in this year
—	01	03	02

6. Ph.D. Pursuing and Awarded:

Ph.D. enrolled (with JRF)	Ph.D. enrolled (without JRF)	Ph.D. awarded (with JRF)	Ph.D. awarded (without JRF)
—	01	—	—

Details of publications:

[A] Articles:

- (i) **Maitra, B. & Hossain, T. (2020).** Inflation in India: Causes and Anti-inflationary Policy Perception, **International Journal of Economic Policy Studies**, 14(2), 363–387(**Springer**). doi.org/10.1007/s42495-020-00036-z. ISSN: 2524-4892. (**Impact Factor: 0.5**).
- (ii) Mondal, S.P. & **Maitra, B. (2020).** Assessing growth impact of public debt in Sri Lanka. Arthaniti: **Journal of Economic Theory and Practice**, 20(2), 201–226,**SAGE Publications**. doi.org/10.1177/0976747920917478.
- (iii) **Singh, K. (2021)** The extent of financial inclusion through MGNREGS: a district level analysis in West Bengal, India, **International Journal of Social Economics (Emerald Publishing Limited)**, 48 (1), pp. 121-139, ISSN: 0306-8293. (**Impact Factor:1.9**)
- (iv) Maity, S. and **Singh, K. (2021)** ‘Frontier production functions, technical efficiency and panel data: with application to tea gardens in India’, **Int. J. Business and Globalisation (Inderscience Publishers)**, 27 (4), pp. 571–591. ISSN. 1753-3635.
- (v) **Singh, K. and Sur, D. (2020)** Analysing profitability and its determinants in Maharatna enterprises in India: a panel data approach, **Int. J. Business and Globalisation (Inderscience Publishers)**, 25 (3), pp. 278 - 295. ISSN. 1753-3635.

8. Seminar/Conference Presentations:

Faculty	Title of the presented paper	Title of seminar	Status of seminar/ conference	Organized by	Dates and year
Biswajit Maitra	Issues and Challenges related to the Marginalised Population during the Covid 19 Pandemic	National Seminar	National	Department of Economics in Collaboration with IQAC, Balurghat College on	22.09.2020

9. NET/SET/GATE qualified:

Name of the examination	Number of candidates
NET-JRF	01

3.8 EDUCATION DEPARTMENT

The Department of Education, UGB, had started its academic journey from the very beginning of the University. Initially it had only three faculties and 50 students in one semester. Now it is a full-fledged department with six faculties and an intake of 100 students in each semester. Ph.D. programme has been running from 2016. The main aim of this department is to prepare the students in such a way that they may serve the humanity alongside their academic excellence.

1. Name of the Department: **Department of Education**
2. Year of establishment: **2008**
3. Programmes offered: **M.A. , M.Phil. & Ph.D.**
4. Examination System: **Semester System**
5. Faculty strength:

Professor	Associate Professor	Assistant Professor	Newly recruited in this year
01	02	02	01

6. Ph.D. Pursuing and Awarded:

Ph.D. enrolled (with JRF)	Ph.D. enrolled (without JRF)	Ph.D. awarded (with JRF)	Ph.D. awarded (without JRF)
—	BM - 1	—	UKH -1
—	UKH -2	—	—

7. Publications:

Number of articles published			Number of book published	Number of book chapters published	Total H-index	Total i-10 index
SCI journal	Scopus journal	Non Scopus journal	03	08	—	—
—	—	13				

Details of publications

[A] Articles:

- (i) **Sahin, S. & Mete, J.** (2021). A Brief Study on Descriptive Research: Its Nature and Application in Social Science. *International Journal of Research and Analysis in Humanities (IJRAH)*, 1(1): 23-33.
- (ii) **Pal, T. & Debnath, D.** (2021). Environmental Awareness through Environmental Films: An overview. *Ensemble*, 3(1): 23-33, DOI: <https://doi.org/10.37948/ensemble-2021-0301-a002>, ISSN: 2582-0427.
- (iii) **Karmakar, M., & Debnath, P.** (2020). Impact of globalization on modern education system—An analysis. *Journal of Education and Development*, ISSN: 2248-9703.

- (iv) Das, M., & **Debnath, P.** (2020). Use of teaching aids in the classroom as perceived by the urban and rural students of secondary level in Uttar Dinajpur district. *Journal of Education and Development*, ISSN: 2248-9703.
- (v) Sahachaudhuri, S., & **Debnath, P.** (2020). Attitude of B.Ed. trainee students of Coochbehar district towards reading habit. *Journal of Education and Development*, ISSN: 2248-9703.
- (vi) Das, B., & **Debnath, P.** (2021). The role of educational technology in primary level of education: An analysis. *Journal of Education and Development*, ISSN: 2248-9703.
- (vii) Bairagya, H., & **Halder, U. K.** (2021). Implementation of indigenous education in different occupations of Sundarbans: Related problems and management with the help of geographical knowledge. *Shodh Sanchar Bulletin*, 11(41), ISSN: 2229-3620.
- (viii) Dey, T., & **Halder, U. K.** (2021). Problems and prospects of open and distance education in 21st century India. *Shodh Sarita*, 8(29), ISSN: 2348-2397.
- (ix) Alam, K., & **Halder, U. K.** (2021). Attitude towards mathematics scale (ATMS) for students of higher secondary education: Development and standardisation. *Shodh Sanchar Bulletin*, 11(41), ISSN: 2229-3620.
- (x) Khatun, J., Hasan, M., & **Halder, U. K.** (2021). Hybrid learning: Challenges and opportunities. *Shodh Sarita*, 8(29), ISSN: 2348-2397.
- (xi) Khatun, J., & **Halder, U. K.** (2021). Features, opportunities, and challenges of educational apps. *Shodh Sanchar Bulletin*, 11(41), ISSN: 2229-3620.
- (xii) Alam, K., & **Halder, U. K.** (2021). Development and standardization of a test on achievement in mathematics of higher secondary students. *Shodh Sarita*, 8(29), ISSN: 2348-2397.
- (xiii) Karmakar, S., **Halder, U. K.**, & Debnath, D. (2021). A study on the correlation between concept attainment model and traditional method of teaching on the basis of gender for life science teaching. *Asian Journal of Multidisciplinary Research & Review (AJMRR)*, 2(2), ISSN: 2582-8088.

[B] Book:

- (i) **Mishra, B.** (2021). *Jiban Disha: Shantir Khoje*. Educreation Publication, ISBN -9789391101411, Page: 162.
- (ii) **Mishra, B.** (2021). *Shikhshar Prasare Samajtattya_Parbab* (Volume -1). Educreation Publication, ISBN - 9789391101480, Page: 185.

- (iii) **Debnath, P.** (2020). *Teaching-learning excellence through yoga—A psychosomatic intervention* (pp. 1–324). Bharti Publications. ISBN: 978-81-949793-8-8.

[C] Book Chapters:

- (i) **Sahin, S.** (2021). Child and his/her Environmental Impact on Child Development, Social Development and Psychological Development. In J. Mete & B. Ghosh (Eds.). *Environmental Education* (pp. 43-69), Redshine, ISBN: 978-1-716-26492-4.
- (ii) Barman, B., & **Debnath, P.** (2020). Significance of Astanga yoga in teacher education. In P. Debnath (Ed.), *Teaching-learning excellence through yoga—A psychosomatic intervention* (pp. 116–124). Bharti Publications. ISBN: 978-81-949793-8-8.
- (iii) **Debnath, P.** (2020). Yesterday, today, and tomorrow of yoga: Its present challenges in education. In P. Debnath (Ed.), *Teaching-learning excellence through yoga—A psychosomatic intervention* (pp. 305–312). Bharti Publications. ISBN: 978-81-949793-8-8.
- (iv) Paul, P., & **Debnath, P.** (2021). Environmental crisis and role of media: A qualitative reflection. In M. Ali, G. Sarkar, & R. Sen (Eds.), *Environmental crisis: Issues, challenges, portrayals & laws* (pp. 305–312). Manikchak College. ISBN: 978-81-926963-0-0.
- (v) Khatun, J., & **Halder, U. K.** (2021). Rise & acceptance of online learning as an alternative in formal education due to COVID-19 pandemic: An overview. In M. Hasan & A. K. Chakraborty (Eds.), *Covid-19 and education: Challenges and issues* (pp. 19–28). Educreation Publishing. ISBN: 978-93-90519-20-0.
- (vi) Hossain, M., & **Halder, U. K.** (2021). M-learning as a teaching-learning tool during COVID-19. In M. Hasan & A. K. Chakraborty (Eds.), *Covid-19 and education: Challenges and issues* (pp. 67–75). Educreation Publishing. ISBN: 978-93-90519-20-0.
- (vii) Karmakar, S., **Halder, U. K.**, & Mishra, B. (2021). Personality disorder due to COVID-19 pandemic situation and unemployment. In M. Hasan & A. K. Chakraborty (Eds.), *Covid-19 and education: Challenges and issues* (pp. 134–145). Educreation Publishing. ISBN: 978-93-90519-20-0.
- (viii) Khatun, J., & **Halder, U. K.** (2021). Factors of socio-cultural transformation of the people of North Bengal. In P. K. Kundu (Ed.), *North Bengal: People Society and Culture* (pp. 98 - 101). Lap Lambert Academic Publishing. ISBN: 978-620-4-18397-8.

8. Seminar/Conference Presentations:

Faculty	Title of the presented paper	Title of seminar	Status of seminar/ conference	Organized by	Dates and year
Bapi Mishra	Exertion of Pranayama during COVID outbreak: An Effective Approach of Psychological rehabilitation		State Level	Raiganj Surendranath Mahavidyalaya	21st June 2021
Ujjwal Kumar Halder	Self-Concept During Adolescence Period	Adolescence: The Paradigm Shift in Human Life	National	Department of Education, Nathaniyal Murmu Memorial College	May 19, 2021

9. Workshop/training pursued:

Faculty	Name of the course	Status of course	Organized by	Dates and year
Pradip Debnath	National Level Workshop on "Histiography from Hindu-Buddhist Sources"	Seven Day Online National Workshop	Bharatiya Itihas Sankalan Samiti, West Bengal in collaboration with Centre for Buddhist Studies, Visva-Bharati and supported by Maulana Abul Kalam Azad Institute of Asian Studies	20th July to 26th July, 2020

10. NET/SET/GATE qualified:

Name of the examination	Number of candidates
NET	01
SET	01

11. Placement Details:

School Service	Staff Selection	Public service	College service	University	Banking	Private	Others
—	—	—	—	—	—	02	—

3.9 ENGLISH DEPARTMENT

The Department of English is one of the premier departments of the University. The department is supported by a committed team of professors who aim at effectively delivering a course in English, which is renowned for uniformly maintaining its standards of academic excellence over the years. The Department offers M.A., M. Phil and Ph.D. programme in English. The syllabi of the courses cover a wide range of texts, authors, movements, literary trends, theories and schools of criticism. The final semester of the post-graduate programme offers courses in specialized areas. Strategies of teaching include lecture method, audio-visual techniques, student seminars, term papers and class discussions. At present the Department of English operates with 5 full-time teachers, and enlists 165 students and 19 research scholars.

1. Name of the Department: **Department of English**
2. Year of establishment: **2008**
3. Programmes offered: **M.A., M.Phil. & Ph.D.**
4. Examination System: **Semester System**
5. Faculty strength:

Professor	Associate Professor	Assistant Professor	Newly recruited in this year
01	—	03	—

6. Ph.D. Pursuing and Awarded:

Ph.D. enrolled (with JRF)	Ph.D. enrolled (without JRF)	Ph.D. awarded (with JRF)	Ph.D. awarded (without JRF)
—	08	01	04

7. Details of publications

[A] Articles:

- (i) Banerjee, S. (2020) English Theatre in Colonial Calcutta: The Case of Mrs. Esther Leach. *Litinfinitive*, (1/2).
- (ii) Sarkar, S. (2020) And Find Your Grace in Health: Pandemic, Disease and Hygiene in Shakespeare's England. *Yearly Shakespeare*, (18/8).

[B] Book:

- (i) Sarkar, S. et. al. (eds.) (2020) *A New Critical Edition and Response to Aphra Behn's Oroonoko*. Authors Press. ISBN: 9789390459131

[C] Book Chapters:

- (i) Banerjee, S. (2021). Stay Home, Stay Safe: The Politics of Space/Place during Covid-19. In Atasi Nanda Goswami (Ed.), *Lives and Living: Learning to Know at the Time of Pandemic*. Terracota, ISBN: 978-93-85663-49-2

- (ii) Sarkar, S. (2020). A Stranger on the River bank “:A Study of Women in Exile in Aphra Behn’s Oroonoko. In Sabuj Sarkar et. al. (Eds.), A New Critical Edition and Response to Aphra Behn’s Oroonoko. Authors Press. ISBN: 9789390459131
- (iii) Sarkar, S. and A. Barman (2020). Transgression and Retribution: A Reading of Arundhati Roy’s The God of Small Things and Samresh Basu’s Prajapati. In Tanmoy Kundu and Sirupa Mahalanabis (Eds.), Off the line Transgression and its Representation in Literature and Culture. Atlantic. ISBN: 978-81-269- 3112-5
- (iv) Sarkar, S. (2020). Legends to Legislation: Re-reading Kautilya and Arthashastra. In Badal Sarkar (Ed.), Indian Political Thought Selected Thinkers. Anu Books. ISBN: 978-93-90115-18-1
- (v) Sarkar, S. (2020). Healing Is a Matter of Time: Covid-19 and the Psycho-Social Conditions of Health in India. In Dr.Rimjim Borah et. al. (Eds.), Impact of Covid-19 on Indian Society: Challenges and Opportunities. Balaji Publications. ISBN: 978-93-85756-99-3
- (vi) Sarkar, S. and A. Barman (2020). Digital Empowerment: Possibilities, Perceptions and Performances in India. In Naveed Hamid & Sanganagouda Patil et. al. (Eds.), The Impact of Digitalization on Indian Economy: An Economic View. Serial Publishing House. ISBN: 978-93-88020-81-7
- (vii) Sarkar, S. and W. Akram (2020). Frightened Order”: Questioning Women and Marginality in Girish Karnad’s Fire and the Rain and Manjula Padmanavan’s Lights Out. In Dr. Grishma Khobragade (Ed.), Women Empowerment: Challenges and Strategies. Books clinic Publishing. ISBN: 978-81-943829-2-8

8. Seminar/Conference Presentations:

Faculty	Title of the presented paper	Title of seminar	Status of seminar/conference	Organized by	Dates and year
Professor Amit Bhattacharya	Representation as Othering: Jingoist Culture and National Typecasting in Select Novels of John Buchan		National	Department of English, Sudhiranjan Lahiri Mahavidyalaya, Majdia in collaboration with the Department of English, R.B.C College for Women, Naihati, West Bengal	12.07.2020
Dr Samipendra Banerjee	Historicizing the Stage: An Overview of Modern Indian Drama/Theatre		State	Dept. of English, Mednipur College, Mednipur	13.07.2020

Dr Samipendra Banerjee	<i>Macbeth</i> in Bengal: Afterlives in the Colony (Online)		International	Saotal Bidrohi Sardha Satabarshiki Mahavidyalaya, Goaltore, Paschim Medinipur	19 August 2020
Dr Samipendra Banerjee	Modern Indian Theatre(s) and its Multiple Stages (Online)		International	Jahangirnagar University, Dhaka, Bangladesh	7 February 2021
Dr Samipendra Banerjee	Reconstructing Early Stage Actress Histories: Method, Identity, Historiography		International	Malda College, Malda	March 8-9, 2021
Dr Samipendra Banerjee	MLA Style Sheet		International	Dept. of Comparative Literature, Calcutta University	21 March 2021
Sabuj Sarkar	BlackDays:Pandemic,LondonandDefoe'sAJournalof thePlagueYear"		National	Dept. of English in collaboration with IQAC, Sagar Mahavidyalaya, Sagar, 24 Parganas(s)	02 September, 2020
Sabuj Sarkar	"Echoes of Isolation: Literature in the Shadow of a Pandemic"		National	Department of English, Ramnagar College, Depal, Purba Medinipur, West Bengal	12 September, 2020
Bibek Adhikary	Textus Mundi: Memory, Referentiality and Reflexivity in Margaret Atwood's "My Last Duchess"	Process of Memory: Toward a New Understanding	International	Dept. of English, Bodoland University	June 9-10, 2021

9. Workshop/training pursued:

Faculty	Name of the course	Status of course	Organized by	Dates and year
Sabuj Sarkar	Publishing Ethics and Research Methodology	National Level	Dr. B. R. Ambedkar Central Library, Jawaharlal Nehru University, New Delhi	August 12 to 12, 2020

10. Academic events (special talk/seminar/workshop etc.) organized by the department:

Type of Programme organized	Date	Theme	Name of the renowned resource persons	Affiliation
National Seven-Day Online Workshop	September 21—27, 2020.	Research Preparation in Interdisciplinary Literary Studies		
Special Lectures	July 01, 2020 5 pm	Film Studies: Its Past and Futures	Dr Murray Leeder	University of Manitoba, Canada
Special Lectures	July 02, 2020	Shakespeare in Hollywood's Golden Age	Professor Deborah Cartmell	De Montfort University, UK
Special Lectures	July 04, 2020 11 am	Exploring the Uncanny: Literary and Cultural Representations	Professor Nandini Bhattacharya	Burdwan University
Special Lectures	July 06, 2020 11 am	Conflict, Peace and Harmony through Literature	Daya Dissanayake	Sri Lankan novelist, poet and blogger
Special Lectures	July 07, 2020 11 am	"We mortal millions live alone": Negotiating the conflict(s) in Victorian Poetry	Professor Goutam Buddha Sural	Bankura University
Special Lectures	July 10, 2020 11 am	Is it time to talk of post-postcolonial poetry?	Professor Kaiser Haq	University of Liberal Arts Bangladesh
Special Lectures	July 13, 2020 11 am	ut pictura poesis, or is it? Words, images and meaning	Dr Ananya Dutta Gupta	Visva-Bharati

Special Lectures	July 16, 2020 7.30 pm	Shakespeare's Freedom of Speech	Professor Dympna C. Callaghan	Syracuse University, USA
Special Lectures	July 18, 2020 5 pm		Dr Erin B. Mee	New York University, USA
Special Lectures	July 20, 2020 11 am	Queer: From Adjective to Verb	Professor Niladri R. Chatterjee	Kalyani University
Special Lectures	July 22, 2020 11 am	Language Attitude Anxiety and the Role of English Literature Students	Dr Asantha U. Attanayake	University of Colombo, Sri Lanka
Special Lectures	July 29, 2020 5 pm	The Politics of Reading: Decolonizing Digital Humanities in South Asia	Dr Dibyadyuti Roy	IIM Indore
Special Lectures	August 03, 2020 05.00 pm	The Politics of Representation, Traumatic Identification and Memory Creation : Re-visiting post-9/11 Fiction	Dr Pathik Roy	St. Joseph's College (University Section)
Special Lectures	August 05, 2020 10.30 am	Creating the Darkness: Reading Rider Haggard, Joseph Conrad, and Bibhutibhushan Bandopadhyay	Dr Sunayani Bhattacharya	Saint Mary's College of California, USA
Special Lectures	August 10, 2020 4.30 pm	Watching Renaissance Drama from Marlowe to Ford	Professor Lisa Hopkins	Sheffield Hallam University, UK
Special Lectures	August 14, 2020 5 pm	Tragedy and Its Evolution	Professor Dattatreya Dutt	Rabindra Bharati University

Special Lectures	August 17, 2020 04.30 pm	Cultural Construction of the Mother-tongue : Colonialism and Translation	Professor Ashok Mahapatra	Sambalpur University
Special Lectures	August 20, 2020 5 pm	Posthumanism	Dr Monirul Islam	Presidency University
Special Lectures	August 24, 2020 7.30 pm	Aesthetics and Sustainability	Professor Caroline E. Levine	Cornell University, USA
Special Lectures	August 27, 2020	Producing Punjab and Punjabiya in New Punjabi Cinema	Professor Anjali Gera Roy	IIT Kharagpur
Special Lectures	August 30, 2020 11 am	The Romantic Vision: A Case for the Metaphysical and the Spiritual	Professor Chidananda Bhattacharya	Rabindra Bharati University
Special Lectures	September 02, 2020 5 pm	Literature of the Marginalised: A Study in the Indian Context	Professor Indranil Acharya	Vidyasagar University
Special Lectures	September 04, 2020 5 pm	An Age without Giants: A Reflection on British Poetry since 1945	Professor Shamsad Mortuza	University of Liberal Arts Bangladesh
Special Lectures	September 7, 2020 5 pm	Unfilmable Books	Professor Kamilla Elliott	Lancaster University, UK
Special Lectures	September 19, 2020 07.30 pm	AIDS and Cultural Renewal: The Pandemic as Depicted in Gay Theater	Professor Raymond-Jean Frontain	University of Central Arkansas, USA

Special Lectures	September 21, 2020 10.00 am	Contemplating Ecoprecarity during the Coronavirus Pandemic: The Convergence of Medical and Environmental Humanities	Professor Scott Slovic	University of Idaho
Special Lectures	September 28, 2020 12.30 pm	Worldliness, Worlds, and Worliding of Literature	Professor Marko Juvan	Institute of Slovenian Literature and Literary Studies, Slovenia
Lecture Series (Parley 2021)	January 25, 2021 (07.30 pm)	Subjectivity, Modernity, and the Uses of Literature,	Dr Murray Leeder	University of Manitoba, Canada
Lecture Series (Parley 2021)	February 01, 2021 (07.30 pm)	Laughtivism: The Power of Public Satire in Progressive Political Protest	Professor Richard Eldridge	Charles and Harriett Cox McDowell Professor Emeritus of Philosophy Swarthmore College
Lecture Series (Parley 2021)	February 10, 2021 (07.00 pm)	Pursuit of Happiness: Medieval and Early Modern Perspectives, or: From Boethius to Fortunatus	Professor Sophia A. McClennen	Director, The Center for Global Studies & Professor of International Affairs and Comparative Literature , The Pennsylvania State University
Lecture Series (Parley 2021)	February 16, 2021	Gramsci's interpretation of historical materialism	Professor Albrecht Classen	Dept. of German Studies, The University of Arizona
Lecture Series (Parley 2021)	February 22, 2021	fieldwork in the humanities	Dr Andrea Sau	Department of Politics and International Relationship, St Mary's University, London

Lecture Series (Parley 2021)	March 01, 2021	Macaulay's Magic Hat: The Colonial Education System and the Canon of World Literature	Professor Debra A. Castillo	Dept. Comparative Literature Cornell University
Lecture Series (Parley 2021)	March 15, 2021 04.30 pm	Literary history with mass-digitized collections: Reading (in) the past	Professor Rosinka Chaudhuri	Director and Professor of Cultural Studies, Centre for Studies in Social Sciences, Calcutta
Lecture Series (Parley 2021)	April 07, 2021 (5 pm)	On Invisibility: Exploring the Literary Connections between India and the Americas	Professor Katherine Bode	School of Literature, Languages and Linguistics, Australian National University
Lecture Series (Parley 2021)	April 12, 2021 04.30 pm IST	The 'Atlantic' as a Model of Diaspora: Paul Gilroy's The Black Atlantic and Its Legacies	Professor Melissa A. Fitch	Dept. of Spanish and Portuguese, University of Arizona
			Dr Paul Williams	Associate Professor of Twentieth-Century Literature and Culture University of Exeter

11. NET/SET/GATE qualified:

Name of the examination	Number of candidates
NET	01

12. Placement Details:

School Service	Staff Selection	Public service	College service	University	Banking	Others
02	—	—	—	—	—	01

3.10 FOOD & NUTRITION DEPARTMENT

The Food and Nutrition Department of University of Gour Banga started its journey in 2017. The Food and Nutrition department plays a vital role in ensuring the well-being of individuals and communities. The Food and Nutrition department is responsible for promoting healthy eating habits, preventing nutrition-related disorders. The department's primary goal is to educate people about the importance of a balanced diet and provide them with the knowledge and skills to make informed food choices. By prioritizing food and nutrition, we can build healthier communities and improve overall quality of life.

1. Name of the Department: **Department of Food & Nutrition**
2. Year of establishment: **2017**
3. Programmes offered: **M.Sc.**
4. Examination System: **Semester System**
5. Faculty strength:

Professor	Associate Professor	Assistant Professor	Newly recruited in this year
—	—	02	02

6. Best practices of your department:
 - (i) REGULAR INTERACTIONS WITH TEACHER
 - (ii) CLASS TEST

3.11 GEOGRAPHY DEPARTMENT

The post graduate Department of Geography of the University of Gour Banga started its journey since January, 2012, with four faculty members and forty students under semester system. At present the department of Geography is consisting five faculty members and forty students in each semester. The department of Geography offers not only PG Course but also M.Phil. and Ph.D. Programme. The department is well equipped with RS & GIS Laboratory, Soil and Environment Laboratory, Research Laboratory for M.Phil. and Ph.D. students, Smart Class Room and a Library. Department offers four Special Papers viz. 1) Geoinformatics 2) Fluvial Geomorphology 3) Advanced Geomorphology 4) Geography of Development and Under Development and 5) Geography of Social Wellbeing.

1. Name of the Department: **Department of Geography**
2. Year of establishment: **2012**
3. Programmes offered: **M.A., M.Sc., M.Phil. & Ph.D.**
4. Examination System: **Semester System**
5. Faculty strength:

Professor	Associate Professor	Assistant Professor	Newly recruited in this year
01	—	04	—

6. Ph.D. Pursuing and Awarded:

Ph.D. enrolled (with JRF)	Ph.D. enrolled (without JRF)	Ph.D. awarded (with JRF)	Ph.D. awarded (without JRF)
05	03	—	03

7. Publications:

Number of articles published				Number of book published	Number of book chapters published	Total H-index	Total i-10 index
SCI journal	SCIE journal	Scopus journal	Non Scopus journal	—	02	—	—
—	57	20	—				

Details of publications:

[A] Articles:

- (i) Saha, J., & Chouhan, P. (2020). Indoor air pollution (IAP) and pre-existing morbidities among under-5 children in India: are risk factors of coronavirus disease (COVID-19)? Environmental Pollution, 1-7, Elsevier, <https://doi.org/10.1016/j.envpol.2020.115250>/ISSN: 1873-6424 (**Impact Factor 7.6**)
- (ii) Zaveri, A., & Chouhan, P. (2020). Are child and youth population at lower risk of COVID-19 fatalities? Evidences from South-East Asian and European countries. Children and youth services review, 119, 1-8. Elsevier, <https://doi.org/10.1016/j.childyouth.2020.105360>/ISSN: 1873-7765 (Impact Factor 2.4)
- (iii) Sarkar, A., & Chouhan, P. (2021). COVID-19: District level vulnerability assessment in India. Clinical epidemiology and global health, 9, 204-215. Elsevier, <https://doi.org/10.1016/j.cegh.2020.08.017/> ISSN: 2213-3984 (Impact Factor 2.3)
- (iv) Mallick, R., Mandal, S., & Chouhan, P. (2020). Impact of sanitation and clean drinking water on the prevalence of diarrhea among the under-five children in India. Children and Youth Services Review, 118, 1-6. Elsevier, <https://doi.org/10.1016/j.childyouth.2020.105478>/ISSN: 1873-7765 (Impact Factor 2.4)
- (v) Roy, A., Paul, P., Saha, J., Barman, B., Kapasia, N., & Chouhan, P. (2021). Prevalence and correlates of menstrual hygiene practices among young currently married women aged 15–24 years: an analysis from a nationally representative survey of India. The European Journal of Contraception & Reproductive Health Care, 26(1), 1-10. Taylor and Francis, <https://doi.org/10.1080/13625187.2020.1810227>/ISSN: 1473-0782 (Impact Factor 1.7)
- (vi) Das, P., Saha, J., & Chouhan, P. (2020). Effects of labor out-migration on socio-economic set-up at the place of origin: Evidence from rural India. Children and Youth Services Review, 119, Elsevier, <https://doi.org/10.1016/j.childyouth.2020.105512>/ISSN: 1873-7765 (Impact Factor 2.4)
- (vii) Mandal, S., & Chouhan, P. (2021). Maternal education and child mortality differentials: An upshot from the national family health survey 2015–2016, India. OMEGA-Journal of Death and Dying, 84(2), 348-359. Sage, <https://doi.org/10.1177/0030222819860407>/ISSN: 1541-3764 (Impact Factor 1.5)
- (viii) Saha, J., & Chouhan, P. (2021). Lockdown and unlock for the COVID-19 pandemic and associated residential mobility in India. International Journal of Infectious Diseases, 104, 382-389. Elsevier, <https://doi.org/10.1016/j.ijid.2020.11.187>/ISSN: 1201-9712 (Impact Factor 4.8)

- (ix) Zaveri, A., Paul, P., Saha, J., Barman, B., & Chouhan, P. (2020). Maternal determinants of low birth weight among Indian children: Evidence from the National Family Health Survey-4, 2015-16. *PLoS One*, 15(12), 1-15. Plos, <https://doi.org/10.1371/journal.pone.0244562>/ISSN: 1932-6203
- (x) Mallick, R., & Chouhan, P. (2022). Impact of women's autonomy and health care practices on nutritional status of U5 children in the slums of English Bazar municipality of Malda District, India. *GeoJournal*, 87(3), 2019-2029. Springer, <https://doi.org/10.1007/s10708-020-10347-5>/ ISSN: 1572-9893 (Impact Factor 2.0)
- (xi) Roy, A., & Chouhan, P. (2021). Girl child marriage in Malda district of West Bengal: analysis of prevalence and socio-economic factors. *Vulnerable children and youth studies*, 16(4), 293-306. Taylor and Francis, <https://doi.org/10.1080/17450128.2021.1923878>/ISSN: 1745-0136
- (xii) Sarkar, A., & Chouhan, P. (2020). Modeling spatial determinants of urban expansion of Siliguri a metropolitan city of India using logistic regression. *Modeling Earth Systems and Environment*, 6(4), 2317-2331. Springer, <https://doi.org/10.1007/s40808-020-00815-9>/ISSN: 2363-6211 (Impact Factor 2.7)
- (xiii) Saha, J., & Chouhan, P. (2021). Do malnutrition, pre-existing morbidities, and poor household environmental conditions aggravate susceptibility to Coronavirus disease (COVID-19)? A study on under-five children in India. *Children and Youth Services Review*, 128, 1-8. Elsevier, <https://doi.org/10.1016/j.childyouth.2021.105962>/ISSN: 1873-7765 (Impact Factor 2.4)
- (xiv) Debanshi, S., & **Pal, S.** (2020). Modelling water richness and habitat suitability of the wetlands and measuring their spatial linkages in mature Ganges delta of India. *Journal of Environmental Management*, 271, 1-16. Elsevier, <https://doi.org/10.1016/j.jenvman.2020.110956>/ISSN: 1095-8630 (**Impact Factor 8.0**)
- (xv) Talukdar, S., **Pal, S.**, Chakraborty, A., & Mahato, S. (2020). Damming effects on trophic and habitat state of riparian wetlands and their spatial relationship. *Ecological Indicators*, 118, 106757. Elsevier, <https://doi.org/10.1016/j.ecolind.2020.106757>/ISSN: 1872-7034 (**Impact Factor 7.0**)
- (xvi) Debanshi, S., & **Pal, S.** (2020). Effects of water richness and seasonality on atmospheric methane emission from the wetlands of deltaic environment. *Ecological Indicators*, 118, 1-14. Elsevier, <https://doi.org/10.1016/j.ecolind.2020.106767>/ISSN: 1872-7034 (**Impact Factor 7.0**)
- (xvii) Singha, P., Das, P., Talukdar, S., & **Pal, S.** (2020). Modeling livelihood vulnerability in erosion and flooding induced river island in Ganges riparian corridor, India. *Ecological Indicators*, 119, 1-15. Elsevier, <https://doi.org/10.1016/j.ecolind.2020.106825>/ISSN: 1872-7034 (**Impact Factor 7.0**)
- (xviii) **Pal, S.**, & Paul, S. (2020). Assessing wetland habitat vulnerability in moribund Ganges delta using bivariate models and machine learning algorithms. *Ecological Indicators*, 119, 106866. Elsevier, <https://doi.org/10.1016/j.ecolind.2020.106866>/ISSN: 1872-7034 (**Impact Factor 7.0**)
- (xix) **Pal, S.**, & Sarda, R. (2021). Measuring the degree of hydrological variability of riparian wetland using hydrological attributes integration (HAI) histogram comparison approach (HCA) and range of variability approach (RVA). *Ecological Indicators*, 120, 1-14. Elsevier, <https://doi.org/10.1016/j.ecolind.2020.106966>/ISSN: 1872-7034 (**Impact Factor 7.0**)
- (xx) Mukherjee, K., & **Pal, S.** (2021). Hydrological and landscape dynamics of floodplain wetlands of the Diara region, Eastern India. *Ecological indicators*, 121, 1-17. Elsevier, <https://doi.org/10.1016/j.ecolind.2020.106961>/ISSN: 1872-7034 (**Impact Factor 7.0**)
- (xxi) Talukdar, S., **Pal, S.**, & Singha, P. (2021). Proposing artificial intelligence based livelihood vulnerability index in river islands. *Journal of Cleaner Production*, 284, Elsevier, <https://doi.org/10.1016/j.jclepro.2020.124707>/ISSN: 1879-1786 (**Impact Factor 9.7**)
- (xxii) **Pal, S.**, Mahato, S., & Bala, G. (2020). Hydro-geomorphic consequences of avulsion susceptible zones along lower Mayurakshi river of eastern India. *Remote Sensing Applications: Society and Environment*, 20, 100425. Elsevier, <https://doi.org/10.1016/j.rsase.2020.100425>/ISSN: 2352-9385 (**Impact Factor 3.8**)

- (xxiii) **Pal, S.,** Singha, P., Lepcha, K., Debanshi, S., Talukdar, S., & Saha, T. K. (2021). Proposing multicriteria decision based valuation of ecosystem services for fragmented landscape in mountainous environment. *Remote Sensing Applications: Society and Environment*, 21, 100454. Elsevier, <https://doi.org/10.1016/j.rsase.2020.100454>/ISSN: 2352-9385 (**Impact Factor 3.8**)
- (xxiv) **Pal, S., & Debanshi, S.** (2021). Machine learning models for wetland habitat vulnerability in mature Ganges delta. *Environmental Science and Pollution Research*, 28(15), 19121-19146. Springer, <https://doi.org/10.1007/s11356-020-11413-8>/ISSN: 1614-7499
- (xxv) **Pal, S., & Paul, S.** (2021). Stability consistency and trend mapping of seasonally inundated wetlands in Moribund deltaic part of India. *Environment, Development and Sustainability*, 23, 12925-12953. Springer, <https://doi.org/10.1007/s10668-020-01193-z>/ISSN: 1573-2975 (**Impact Factor 4.7**)
- (xxvi) **Pal, S.,** Chowdhury, P., Talukdar, S., & Sarda, R. (2022). Modelling rabi crop health in flood plain region of India using time-series Landsat data. *Geocarto International*, 37(13), 3761-3790. Taylor and Francis, <https://doi.org/10.1080/10106049.2020.1869328>/ISSN: 1752-0762 (**Impact Factor 3.8**)
- (xxvii) **Pal, S., & Mandal, I.** (2021). Noise vulnerability of stone mining and crushing in Dwarka river basin of Eastern India. *Environment, Development and Sustainability*, 1-22. Springer, <https://doi.org/10.1007/s10668-021-01233-2>/ISSN: 1573-2975 (**Impact Factor 4.7**)
- (xxviii) Khatun, R., Talukdar, S., **Pal, S., & Kundu, S.** (2021). Measuring dam induced alteration in water richness and eco-hydrological deficit in flood plain wetland. *Journal of Environmental Management*, 285, 1-16. Elsevier, <https://doi.org/10.1016/j.jenvman.2021.112157>/ISSN: 1095-8630 (**Impact Factor 8.0**)
- (xxix) Mahato, S., **Pal, S.,** Talukdar, S., Saha, T. K., & Mandal, P. (2021). Field based index of flood vulnerability (IFV): A new validation technique for flood susceptible models. *Geoscience Frontiers*, 12(5), 1-14. Elsevier, <https://doi.org/10.1016/j.gsf.2021.101175>/ISSN: 2588-9192 (**Impact Factor 8.5**)
- (xxx) Das, P., Mandal, I., Debanshi, S., Mahato, S., Talukdar, S., Giri, B., & **Pal, S.** (2021). Short term unwinding lockdown effects on air pollution. *Journal of Cleaner Production*, 296, 1-13. Elsevier, <https://doi.org/10.1016/j.jclepro.2021.126514>/ISSN: 1879-1786 (**Impact Factor 9.7**)
- (xxxi) Saha, T. K., **Pal, S., & Sarkar, R.** (2021). Prediction of wetland area and depth using linear regression model and artificial neural network based cellular automata. *Ecological Informatics*, 62, 1-15. Elsevier, <https://doi.org/10.1016/j.ecoinf.2021.101272>/ISSN: 1878-0512 (**Impact Factor 5.8**)
- (xxxii) **Pal, S.,** Mahato, S., Giri, B., Pandey, D. N., & Joshi, P. K. (2021). Quantifying monthly water balance to estimate water deficit in Mayurakshi River basin of Eastern India. *Environment, Development and Sustainability*, 23(11), 15986-16014. Springer, <https://doi.org/10.1007/s10668-021-01318-y>/ISSN: 1573-2975 (**Impact Factor 4.7**)
- (xxxiii) **Pal, S.,** Das, P., Mandal, I., Sarda, R., Mahato, S., Nguyen, K. A., ... & Saha, T. K. (2021). Effects of lockdown due to COVID-19 outbreak on air quality and anthropogenic heat in an industrial belt of India. *Journal of Cleaner Production*, 297, 1-11. Elsevier, <https://doi.org/10.1016/j.jclepro.2021.126674>/ISSN: 1879-1786 (**Impact Factor 9.7**)
- (xxxiv) Mahato, S., Talukdar, S., **Pal, S., & Debanshi, S.** (2021). How far climatic parameters associated with air quality induced risk state (AQIRS) during COVID-19 persuaded lockdown in India. *Environmental Pollution*, 280, 1-13. Elsevier, <https://doi.org/10.1016/j.envpol.2021.116975>/ISSN: 1873-6424 (**Impact Factor 7.6**)
- (xxxv) Kundu, S., **Pal, S.,** Talukdar, S., & Mandal, I. (2021). Impact of wetland fragmentation due to damming on the linkages between water richness and ecosystem services. *Environmental Science and Pollution Research*, 28(36), 50266-50285. Springer, <https://doi.org/10.1007/s11356-021-14123-x>/ISSN: 1614-7499
- (xxxvi) Mahato, S., & **Pal, S.** (2022). Land surface thermal alteration and pattern simulation based on influencing factors of rural landscape. *Geocarto International*, 37(18), 5278-5306. Taylor and Francis, <https://doi.org/10.1080/10106049.2021.1920634>/ISSN: 1752-0762 (**Impact Factor 3.8**)

- (xxxvii) **Pal, S., & Sarda, R. (2022).** Modelling water richness in riparian flood plain wetland using bivariate statistics and machine learning algorithms and figuring out the role of damming. *Geocarto International*, 37(19), 5585-5608. Taylor and Francis, <https://doi.org/10.1080/10106049.2021.1920637>/ISSN: 1752-0762 (**Impact Factor 3.8**)
- (xxxviii) **Basu, T., & Das, A. (2020).** Identification of backward district in India by applying the principal component analysis and fuzzy approach: A census based study. *Socio-Economic Planning Sciences*, 72, 1-14. Elsevier, <https://doi.org/10.1016/j.seps.2020.100915>/ISSN: 1873-6041 (**Impact Factor 6.2**)
- (xxxix) **Basu, T., & Das, A. (2021).** Formulation of deprivation index for identification of regional pattern of deprivation in rural India. *Socio-Economic Planning Sciences*, 74, 1-16. Elsevier, <https://doi.org/10.1016/j.seps.2020.100924>/ISSN: 1873-6041 (**Impact Factor 6.2**)
- (xl) **Das, M., Das, A., & Mandal, A. (2020).** Examining the impact of lockdown (due to COVID-19) on Domestic Violence (DV): An evidences from India. *Asian journal of psychiatry*, 54, Elsevier, <https://doi.org/10.1016/j.ajp.2020.102335>/ISSN: 1876-2026 (**Impact Factor 3.8**)
- (xli) **Das, M., Das, A., Momin, S., & Pandey, R. (2020).** Mapping the effect of climate change on community livelihood vulnerability in the riparian region of Gangatic Plain, India. *Ecological Indicators*, 119, 1-13. Elsevier, <https://doi.org/10.1016/j.ecolind.2020.106815>/ISSN: 1872-7034 (**Impact Factor 7.0**)
- (xlii) **Das, M., Das, A., & Mandal, S. (2020).** Outdoor thermal comfort in different settings of a tropical planning region: A study on Sriniketan-Santiniketan Planning Area (SSPA), Eastern India. *Sustainable Cities and Society*, 63, 1-18. Elsevier, <https://doi.org/10.1016/j.scs.2020.102433>/ISSN: 2210-6715 (**Impact Factor 10.5**)
- (xliii) **Dutta, I., & Das, A. (2020).** Exploring the Spatio-temporal pattern of regional heat island (RHI) in an urban agglomeration of secondary cities in Eastern India. *Urban Climate*, 34, 1-20. Elsevier, <https://doi.org/10.1016/j.uclim.2020.100679>/ISSN: 2212-0955 (**Impact Factor 6.0**)
- (xliv) **Ghosh, S., & Das, A. (2020).** Wetland conversion risk assessment of East Kolkata Wetland: A Ramsar site using random forest and support vector machine model. *Journal of cleaner production*, 275, 1-15. Elsevier, <https://doi.org/10.1016/j.jclepro.2020.123475>/ISSN: 1879-1786 (**Impact Factor 9.7**)
- (xlv) **Das, M., Das, A., & Mandal, A. (2020).** Research note: Ecosystem Health (EH) assessment of a rapidly urbanizing metropolitan city region of eastern India—A study on Kolkata Metropolitan Area. *Landscape and Urban Planning*, 204, 1-7. Elsevier, <https://doi.org/10.1016/j.landurbplan.2020.103938>/ISSN: 1872-6062 (**Impact Factor 7.9**)
- (xlvi) **Das, M., Das, A., Sarkar, R., Saha, S., & Mandal, A. (2021).** Examining the impact of lockdown (due to COVID-19) on ambient aerosols (PM 2.5): A study on Indo-Gangetic Plain (IGP) Cities, India. *Stochastic Environmental Research and Risk Assessment*, 35, 1301-1317. Springer, <https://doi.org/10.1007/s00477-020-01905-x>/ISSN: 1872-6062 (**Impact Factor 3.9**)
- (xlvii) **Das, A., Ghosh, S., Das, K., Basu, T., Dutta, I., & Das, M. (2021).** Living environment matters: Unravelling the spatial clustering of COVID-19 hotspots in Kolkata megacity, India. *Sustainable Cities and Society*, 65, Elsevier, <https://doi.org/10.1016/j.scs.2020.102577>/ISSN: 2210-6715 (**Impact Factor 10.5**)
- (xlviii) **Das, M., & Das, A. (2020).** Exploring the pattern of outdoor thermal comfort (OTC) in a tropical planning region of eastern India during summer. *Urban Climate*, 34, 55-84. Elsevier, <https://doi.org/10.1016/j.uclim.2020.100708>/ISSN: 2212-0955 (**Impact Factor 6.0**)
- (xlix) **Choudhury, D., Das, A., & Das, M. (2021).** Investigating thermal behavior pattern (TBP) of local climatic zones (LCZs): A study on industrial cities of Asansol-Durgapur development area (ADDA), eastern India. *Urban Climate*, 35, 1-15. Elsevier, <https://doi.org/10.1016/j.uclim.2020.100727>/ISSN: 2212-0955 (**Impact Factor 6.0**)
- (l) **Das, M., Das, A., Ghosh, S., Sarkar, R., & Saha, S. (2021).** Spatio-temporal concentration of atmospheric particulate matter (PM2. 5) during pandemic: a study on most polluted cities of indo-gangetic plain. *Urban Climate*, 35, 1-18. Elsevier, <https://doi.org/10.1016/j.uclim.2020.100758>/ISSN: 2212-0955 (**Impact Factor 6.0**)

- (li) Basu, T., **Das, A.**, Pham, Q. B., Al-Ansari, N., Linh, N. T. T., & Lagerwall, G. (2021). Development of an integrated peri-urban wetland degradation assessment approach for the Chatra Wetland in eastern India. *Scientific reports*, 11(1), Nature, <https://doi.org/10.1038/s41598-021-83512-6>/ISSN: 2045-2322 (**Impact Factor 3.8**)
- (lii) Das, M., **Das, A.**, Sarkar, R., Saha, S., & Mandal, P. (2021). Regional scenario of air pollution in lockdown due to COVID-19 pandemic: Evidence from major urban agglomerations of India. *Urban Climate*, 37, 1-18. Elsevier, <https://doi.org/10.1016/j.uclim.2021.100821>/ISSN: 2212-0955 (**Impact Factor 6.0**)
- (liii) Das, M., **Das, A.**, Pereira, P., & Mandal, A. (2021). Exploring the spatio-temporal dynamics of ecosystem health: A study on a rapidly urbanizing metropolitan area of Lower Gangetic Plain, India. *Ecological Indicators*, 125, 1-12. Elsevier, <https://doi.org/10.1016/j.ecolind.2021.107584>/ISSN: 1872-7034 (**Impact Factor 7.0**)
- (liv) **Das, A.**, Das, M., & Barman, H. (2021). Access to basic amenities and services to urban households in West Bengal: Does its location and size of settlements matter?. *GeoJournal*, 86(2), 885-913. Springer, <https://doi.org/10.1007/s10708-019-10101-6>/ISSN: 1572-9893 (**Impact Factor 2.0**)
- (lv) Dutta, I., Basu, T., & **Das, A.** (2021). Spatial analysis of COVID-19 incidence and its determinants using spatial modeling: A study on India. *Environmental Challenges*, 4, 1-10. Elsevier, <https://doi.org/10.1016/j.envc.2021.100096>/ISSN: 2667-0100 (**Impact Factor 8.0**)
- (lvi) Basu, T., & **Das, A.** (2021). Systematic review of how eco-environmental transformation due to urbanization can be investigated in the sustainable development of Indian cities. *Environmental Challenges*, 4, 1-10. Elsevier, <https://doi.org/10.1016/j.envc.2021.100099>/ISSN: 2667-0100 (**Impact Factor 8.0**)
- (lvii) Saha, S., Saha, A., Das, M., Saha, A., Sarkar, R., & **Das, A.** (2021). Analyzing spatial relationship between land use/land cover (LULC) and land surface temperature (LST) of three urban agglomerations (UAs) of Eastern India. *Remote Sensing Applications: Society and Environment*, 22, 1-15. Elsevier, <https://doi.org/10.1016/j.rsase.2021.100507>/ISSN: 2352-9385 (**Impact Factor 3.8**)
- (lviii) **Lepcha, K.**, & Mandal, S. (2021). Water Quality Assessment of Chhota Rangit River in Darjeeling Himalaya India, using Water Quality Index (WQI) approach. *Turkish Online Journal of Qualitative Inquiry*, 12(7). ISSN: 3217- 3239
- (lix) Ghosh, S., Das, A., Hembram, T. K., **Saha, S.**, Pradhan, B., & Alamri, A. M. (2020). Impact of COVID-19 induced lockdown on environmental quality in four indian megacities using landsat 8 OLI and TIRS-derived data and mamdani fuzzy logic modelling approach. *Sustainability*, 12(13), 1-24. MDPI, <https://doi.org/10.3390/su12135464>/ISSN: 2071-1050 (**Impact Factor 3.3**)
- (lx) Paul, G. C., **Saha, S.**, & Hembram, T. K. (2020). Application of phenology-based algorithm and linear regression model for estimating rice cultivated areas and yield using remote sensing data in Bansloi River Basin, Eastern India. *Remote Sensing Applications: Society and Environment*, 19, 1-12. Elsevier, <https://doi.org/10.1016/j.rsase.2020.100367>/ISSN: 2352-9385 (**Impact Factor 3.8**)
- (lxi) Paul, G. C., **Saha, S.**, & Ghosh, K. G. (2020). Assessing the soil quality of Bansloi river basin, eastern India using soil-quality indices (SQIs) and Random Forest machine learning technique. *Ecological Indicators*, 118, 1-17. Elsevier, <https://doi.org/10.1016/j.ecolind.2020.106804>/ISSN: 1872-7034 (**Impact Factor 7.0**)
- (lxii) Saha, A., Mandal, S., & **Saha, S.** (2020). Geo-spatial approach-based landslide susceptibility mapping using analytical hierarchical process, frequency ratio, logistic regression and their ensemble methods. *SN Applied Sciences*, 2(10), Springer, <https://doi.org/10.1007/s42452-020-03441-3>/ISSN: 3004-9261 (**Impact Factor 2.8**)
- (lxiii) Arabameri, A., **Saha, S.**, Mukherjee, K., Blaschke, T., Chen, W., Ngo, P. T. T., & Band, S. S. (2020). Modeling spatial flood using novel ensemble artificial intelligence approaches in northern Iran. *Remote Sensing*, 12(20), 1-30. MDPI, <https://doi.org/10.3390/rs12203423>/ISSN: 2072-4292 (**Impact Factor 4.2**)

- (lxiv) Band, S. S., Janizadeh, S., **Saha, S.**, Mukherjee, K., Bozchaloei, S. K., Cerdà, A., ... & Mosavi, A. (2020). Evaluating the efficiency of different regression, decision tree, and bayesian machine learning algorithms in spatial piping erosion susceptibility using ALOS/PALSAR Data. *Land*, 9(10), 1-23. MDPI, <https://doi.org/10.3390/land9100346>/ISSN: 2073-445X (**Impact Factor 3.2**)
- (lxv) **Saha, S.**, Arabameri, A., Saha, A., Blaschke, T., Ngo, P. T. T., Nhu, V. H., & Band, S. S. (2021). Prediction of landslide susceptibility in Rudraprayag, India using novel ensemble of conditional probability and boosted regression tree-based on cross-validation method. *Science of the total environment*, 764, 1-53. Elsevier, <https://doi.org/10.1016/j.scitotenv.2020.142928>/ISSN: 1879-1026 (**Impact Factor 8.2**)
- (lxvi) Roy, J., & **Saha, S.** (2021). Integration of artificial intelligence with meta classifiers for the gully erosion susceptibility assessment in Hinglo river basin, Eastern India. *Advances in Space Research*, 67(1), 316-333. Elsevier, <https://doi.org/10.1016/j.asr.2020.10.013>/ISSN: 1879-1948 (**Impact Factor 2.8**)
- (lxvii) **Saha, S.**, Paul, G. C., Pradhan, B., Abdul Maulud, K. N., & Alamri, A. M. (2021). Integrating multilayer perceptron neural nets with hybrid ensemble classifiers for deforestation probability assessment in Eastern India. *Geomatics, Natural Hazards and Risk*, 12(1), 29-62. Taylor and Francis, <https://doi.org/10.1080/19475705.2020.1860139>/ISSN: 1947-5713 (**Impact Factor 4.2**)
- (lxviii) **Saha, S.**, Kundu, B., Paul, G. C., Mukherjee, K., Pradhan, B., Dikshit, A., ... & Alamri, A. M. (2021). Spatial assessment of drought vulnerability using fuzzy-analytical hierarchical process: a case study at the Indian state of Odisha. *Geomatics, Natural Hazards and Risk*, 12(1), 123-153. Taylor and Francis, <https://doi.org/10.1080/19475705.2020.1861114>/ISSN: 1947-5713 (**Impact Factor 4.2**)
- (lxix) Tempa, K., Chettri, N., Sarkar, R., **Saha, S.**, Gurung, L., Dendup, T., & Nirola, B. S. (2021). Geotechnical parameter assessment of sediment deposit: A case study in Pasakha, Bhutan. *Cogent Engineering*, 8(1), 1869366. Taylor and Francis, <https://doi.org/10.1080/23311916.2020.1869366>/ISSN: 2331-1916 (**Impact Factor 1.9**)
- (lxx) Hembram, T. K., **Saha, S.**, Pradhan, B., Abdul Maulud, K. N., & Alamri, A. M. (2021). Robustness analysis of machine learning classifiers in predicting spatial gully erosion susceptibility with altered training samples. *Geomatics, Natural Hazards and Risk*, 12(1), 794-828. Taylor and Francis, <https://doi.org/10.1080/19475705.2021.1890644>/ISSN: 1947-5713 (**Impact Factor 4.2**)
- (lxxi) **Saha, S.**, Sarkar, R., Thapa, G., & Roy, J. (2021). Modeling gully erosion susceptibility in Phuentsholing, Bhutan using deep learning and basic machine learning algorithms. *Environmental Earth Sciences*, 80(8), 1-21. Springer, <https://doi.org/10.1007/s12665-021-09599-2>/ISSN: 1866-6299 (**Impact Factor 2.8**)
- (lxxii) Mandal, K., **Saha, S.**, & Mandal, S. (2021). Applying deep learning and benchmark machine learning algorithms for landslide susceptibility modelling in Rorachu river basin of Sikkim Himalaya, India. *Geoscience Frontiers*, 12(5), 1-17. Elsevier, <https://doi.org/10.1016/j.gsf.2021.101203>/ISSN: 2588-9192 (**Impact Factor 8.5**)
- (lxxiii) Nikhil, S., Danumah, J. H., **Saha, S.**, Prasad, M. K., Rajaneesh, A., Mammen, P. C., ... & Kuriakose, S. L. (2021). Application of GIS and AHP method in forest fire risk zone mapping: a study of the Parambikulam tiger reserve, Kerala, India. *Journal of Geovisualization and Spatial Analysis*, 5(1), 1-14. Springer, <https://doi.org/10.1007/s41651-021-00082-x>/ISSN: 2509-8829 (**Impact Factor 5.0**)
- (lxxiv) **Saha, S.**, Roy, J., Pradhan, B., & Hembram, T. K. (2021). Hybrid ensemble machine learning approaches for landslide susceptibility mapping using different sampling ratios at East Sikkim Himalayan, India. *Advances in Space Research*, 68(7), 2819-2840. Elsevier, <https://doi.org/10.1016/j.asr.2021.05.018>/ISSN: 1879-1948 (**Impact Factor 2.8**)
- (lxxv) Arabameri, A., Santosh, M., Rezaie, F., **Saha, S.**, Coastache, R., Roy, J., ... & Moayedi, H. (2022). Application of novel ensemble models and k-fold CV approaches for Land subsidence susceptibility modelling. *Stochastic Environmental Research and Risk Assessment*, 1-23. Springer, <https://doi.org/10.1007/s00477-021-02036-7>/ISSN: 1436-3259 (**Impact Factor 3.9**)

- (lxxvi) Arabameri, A., Santosh, M., **Saha, S.**, Ghorbanzadeh, O., Roy, J., Tiefenbacher, J. P., ... & Costache, R. (2021). Spatial prediction of shallow landslide: application of novel rotational forest-based reduced error pruning tree. *Geomatics, Natural Hazards and Risk*, 12(1), 1343-1370. Taylor and Francis, <https://doi.org/10.1080/19475705.2021.1914753>/ISSN: 1947-5713 (**Impact Factor 4.2**)
- (lxxvii) **Saha, S.**, Gogoi, P., Gayen, A., & Paul, G. C. (2021). Constructing the machine learning techniques based spatial drought vulnerability index in Karnataka state of India. *Journal of Cleaner Production*, 314, 1-15. Elsevier, <https://doi.org/10.1016/j.jclepro.2021.128073>/ISSN: 1879-1786 (**Impact Factor 9.7**)
- (A) **Book Chapters:**
- (i) **Chouhan, P.** (2021). The COVID-19 Pandemic: Studies on Selected Socio-Demographic and Health Issues. In *COVID-19 Pandemic: A Geo-Ecological Approach.*, Foundation of Practicing Geographers, Kolkata., ISBN: 978-81-930691-6-5.
- (ii) Mandal, T., Sarkar, A., Das, J., Rahman, A. S., & **Chouhan, P.** (2021). Comparison of classical Mann–Kendal test and graphical innovative trend analysis for analyzing rainfall changes in India. In *India: Climate Change Impacts, Mitigation and Adaptation in Developing Countries* (pp. 155-183). Cham: Springer International Publishing., ISBN: 978-3-030-67979-8, https://doi.org/10.1007/978-3-030-67865-4_7

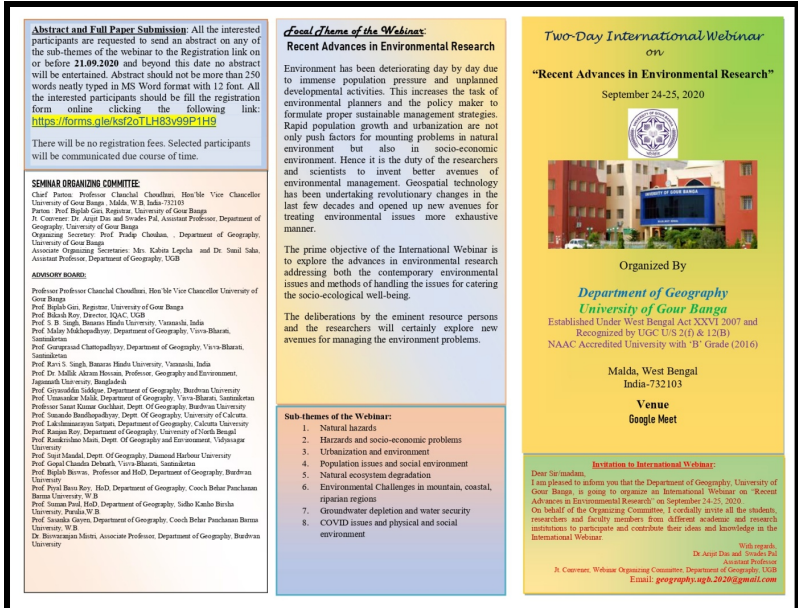
7. Seminar/Conference Presentations:

Faculty	Title of the presented paper	Title of seminar	Status of seminar/c conference	Organized by	Dates and year
Pradip Chouhan	The COVID-19 Pandemic and Fatality Risks.	Emerging Issues & Challenges in Social Science: A Retrospect during the period of Covid 19 Pandemic	National Level	Department of Geography, Maynaguri College & Siliguri College, West Bengal, India,	27 September 2020.
Pradip Chouhan	Low Birth Weight Babies in India: Incidence, Risk Factors and Consequences.	Recent Advance in Environmental Research	International Level	Department of Geography. University of Gour Banga, Malda, West Bengal	24 September 2020.
Pradip Chouhan	Studies on Selected Population Issues Amidst COVID-19 Pandemic.	Researching in Geography and allied Disciplines Pre and Post COVID-19 Pandemic Situation	International Level	Gour Mahavidyalaya, Malda, West Bengal	05 October, 2020.
Pradip Chouhan	Impact of Fertility Behaviour on Maternal and Newborn Health among Muslims of Malda District, India. 1	Environment, Population and Development: Challenges & Opportunities	International Level	Malda Women's College, Malda, West Bengal	17 October, 2020.
Swades Pal	Exploring change of river morphology and water quality in the stone mines area of Dwarka River Basin, Eastern India	Recent Advances in Environmental Research	International Level	Department of Geography. University of Gour Banga, Malda, West Bengal	24-25 September, 2020.

Swades Pal	Effects of seasonality and salinity on atmospheric methane emission from the wetlands of deltaic environment	Recent Advances in Environmental Research	International Level	Department of Geography, University of Gour Banga, Malda, West Bengal	24-25 September, 2020.
Swades Pal	Modelling water richness and habitat suitability of the wetlands and measuring their spatial linkages in mature Ganges delta of India	Environment, Population and Development: Challenges & Opportunities	International Level	Department of Geography, Malda Women's College, Malda, West Bengal	17-18 October, 2020.
Swades Pal	Impact of Stone Mining and Crushing on River Morphology in Dwarka River Basin, Eastern India	Environment, Population and Development: Challenges & Opportunities	International Level	Department of Geography, Malda Women's College, Malda, West Bengal	17-18 October, 2020.
Swades Pal	Impact of Seasonality and Salinity on Wetland Methane Emission of Deltaic Environment	Building Resilient and Sustainable Societies: Emerging Social and Economic Challenges	International Level	Department of Geography, Jamia Millia Islamia	25-26 November, 2020.
Swades Pal	Environmental Crisis due to Stone Quarrying and Crushing: A Critical Analysis	Building Resilient and Sustainable Societies: Emerging Social and Economic Challenges	International Level	Department of Geography, Jamia Millia Islamia	25-26 November, 2020.
Swades Pal	Estimating wetland habitat vulnerability in moribund Ganges delta using machine learning algorithms	Challenges of Disaster: Vulnerability, Adaptation and Resilience	International Level	Centre for Disaster Management, Department of Geography, Jamia Millia Islamia	02-03 March, 2021.
Swades Pal	Assessment of Ecological Insecurity due to stone quarrying and crushing activities in Dwarka River Basin of Eastern India	Challenges of Disaster: Vulnerability, Adaptation and Resilience	International Level	Centre for Disaster Management, Department of Geography, Jamia Millia Islamia	02-03 March, 2021.
Sunil Saha	Novel ensemble machine learning approaches for spatial gully erosion susceptibility mapping: A study on Hinglo river basin, India.	Recent Advance in Environmental Research	International Level	Department of Geography, University of Gour Banga, Malda, West Bengal	24 September, 2020.

8. Academic events (special talk/seminar/workshop etc.) organized by the department:

Type of Programme organized	Date	Theme	Name of the renowned resource persons
Two-Day International Webinar	24 – 25 th September 2020	Recent Advances in Environmental Research	Nil



Department of geography, University of Gour Banga was organised Two-Day International Webinar on “Recent Advances in Environmental Research”.

The webinar was held from September 24 to 25, 2020, through the online Google Meet platform.

**Two-Day International Webinar
on
Recent Advances in Environmental Research**
24-25th September, 2020

Inaugurated by
PROF. CHANCHAL CHAUDHURI
HON'BLE VICE CHANCELLOR, UNIVERSITY OF GOUR BANGA

Invited Speakers

*Recent Geoinformatics Advancements
for Environmental Studies and
Management Strategies*



PROF. & ACAD. YUEI-AN LIU
NATIONAL CENTRAL UNIVERSITY,
TAIWAN

*Landscape Sustainability: A New
Dimension in Environmental Research*



PROF. MALAY MUKHOPADHYAY
VISVA BHARATI, WEST BENGAL,
INDIA

*Lime Mud-A Partial Replacement of
Conventional Material for Brick Making*



PROF. RAJU SARKAR
DELHI TECHNOLOGICAL UNIVERSITY
DELHI, INDIA

*Spatial Intelligence for Natural
Hazard Assessment*



PROF. BISWAJEET PRADHAN
UNIVERSITY OF TECHNOLOGY SYDNEY,
AUSTRALIA

*Water Resource Challenges in the
Urbanized World*



PROF. ATIQUR RAHMAN
JAMIA MILLIA ISLAMIA,
DELHI, INDIA

*Ecological, Economic and Cultural
Perspectives of Wetland: The Case
of an Alluvial Tract in West Bengal*



PROF. NARAYAN CHANDRA JANA
THE UNIVERSITY OF BURDWAN,
WEST BENGAL, INDIA

*Geoinformatics for Contemporary
Environmental Issues*



PROF. PAWAN KUMAR JOSHI
JAWAHARLAL NEHRU UNIVERSITY,
NEW DELHI, INDIA

*Climate Change Vulnerability
Assessment in Indian Himalaya*



DR. RAJIV PANDEY
INDIAN COUNCIL OF FOREST RESEARCH AND
EDUCATION (ICFRE), DEHRADUN, INDIA

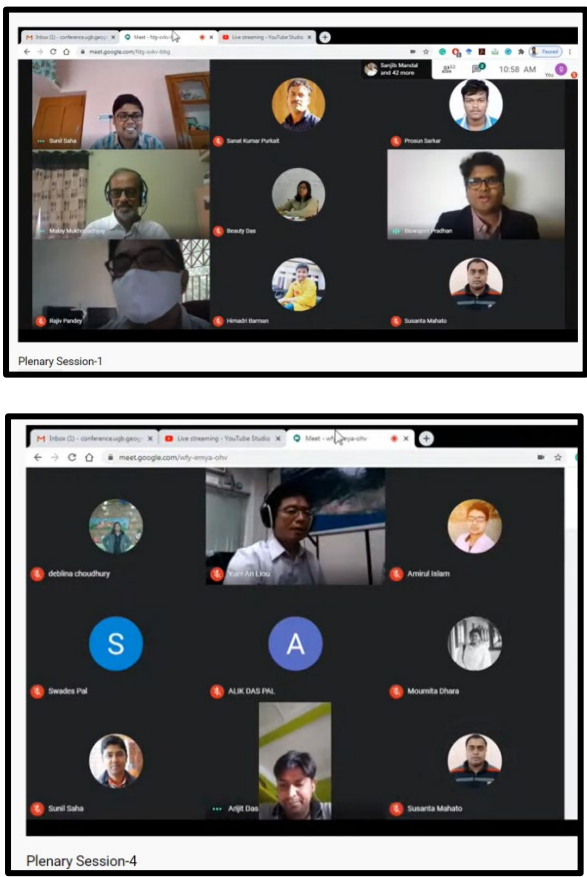
*Earth observation of Water
Resources in Semi-Arid Regions*



DR. JAVED MALLICK
KING KHALID UNIVERSITY,
KINGDOM OF SAUDI ARABIA

Organised by
Department of Geography
University of Gour Banga, Mokdumpur, Malda, W.B., India

Department of Geography was invited many environmental scientists from various countries such as India, China, Australia and Saudi Arabia and they shared their valuable speeches with us.



Prof. Malay Mukhopadhyay, Professor, Department of Geography Visva-Bharati University and Prof. Yuei-An-Liou, Distinguished Professor, Center for Space and Remote Sensing Research (CSRSR), National Central University presented their important talks about environmental research in front of us.

7. NET/SET/GATE qualified:

Name of the examination	Number of candidates
NET	12
NET-JRF	05
SET	02

8. Placement Details:

School Service	Staff Selection	Public service	College service	University	Banking	Others
01	—	—	03	—	—	—

9. Extension and Outreach Activities:

Type of activities	Date/tenure	Objectives	Beneficiaries
Filed work on: Interaction between Urban Environment and Thermal Environment with Special Reference to English Bazar, Raiganj And Balurghat Urban Agglomeration	From July 2020 to December 2020	1. To find out the dynamic changes of LULC across the three urban agglomerations since 1990, 2000, 2010 and 2020. 2. To access the relationship between land use/ land cover and land surface temperature of three urban agglomerations of Eastern India. 3. Analyze the spatiotemporal pattern on biophysical indices.	1. Local residents are the primary beneficiaries of enhanced urban and thermal environments. Improvements in these areas can lead to a higher quality of life. 2. Urban planners and municipal authorities are instrumental in designing and implementing policies for urban development and environmental management. 3.Environmental organizations and activists work to promote sustainability and environmental health.

10. Best practices of your department:

- (i) Hands-on-training on Geospatial technology to the students for enabling them with contemporary advance research and jobs in different government and non government sectors.
- (ii) Motivates student in research work since from the beginning and for making them equipped. Department encourages preparing term paper, in semester 1 and 2, pursuing field work in semester 3 and dissertation in semester 4. We found positive result of this practice. After completing post graduation, most of the students able to implement these technologies.
- (iii) Department provides scope and also took an initiative to incorporate the local issues such as solid waste management, child labour and child marriage, bank erosion, urban heat island, agricultural and economic problems, slum dwellers etc in their curriculum especially in their dissertation and term paper works with the view to encourage the students to study and understand the various social and environmental p
- (iv) roblems of the local and nearby areas and if possible to find out the means of solutions at their level.

3.12 HISTORY DEPARTMENT

Department of History has started its journey from 2008 with two faculty members. At present M.A. and Ph.D. programmes are running parallelly. This department takes responsible role to disseminate valuable historical knowledge of Gour Banga along with the scheduled course curriculum. The Department took initiatives in promoting the history of this region and conducted series of

lectures on relevant issues. The students of the Department made their mark in different co-curricular activities including sports and cultural programmes.

1. Name of the Department: **Department of History**
2. Year of establishment: **2008**
3. Programmes offered: **M.A., M.Phil. & Ph.D.**
4. Examination System: **Semester System**
5. Faculty strength:

Professor	Associate Professor	Assistant Professor	Newly recruited in this year
—	01	02	—

6. Ph.D. Pursuing and Awarded:

Ph.D. enrolled (with JRF)	Ph.D. enrolled (without JRF)	Ph.D. awarded (with JRF)	Ph.D. awarded (without JRF)
—	01	—	—

7. Publications:

Number of articles published			Number of book published	Number of book chapters published	Total H-index	Total i-10 index
SCI journal	Scopus journal	Non Scopus journal	—	—	—	—
—	—	01				

Details of publications:

[A] Articles:

- (i) Subba, Chhawang. (2020). *United Bengal Scheme and the Partition of India*, Journal of Peoples History and Culture, Pp. 63-68

[B] Book:

- (i) Mahato, Nirmal Kumar. (2022). *Sorrow Songs of the Bird*. Primus Books. ISSN: 9390022479.

8. NET/SET/GATE qualified:

Name of the examination	Number of candidates
NET	02
SET	03

9. Placement Details:

School Service	Staff Selection	Public service	College service	University	Banking	Others
—	—	—	02	—	—	—

10. Best practices of your department:

- (i) Due to the pandemic, the teachers are engaged more in virtual teaching-learning process, thereby making use of the latest technologies and apps more efficiently in their teaching.
- (ii) In spite of physical class not taking place, the department continued with the Special Lectures through online platforms, inviting reknown resource persons from various universities.
- (iii) The teachers make themselves available for the students 24/7 to answer their queries and discussion regarding the lectures given in the online classes.

3.13 LAW DEPARTMENT

Taking into consideration of the interest of local people in law and legal professor, the authority of Gour Banga University decided to open Law Department in the University to impart higher education in Law. Ultimately the Department of Law was established in 2016 with the appointment of two permanent Assistant Professors with total intake of 21 students. The Department of Law is running two years LL.M. course with CBCS Semester system. It has also opened Ph.D. programme. In March 2018, Three scholars have been admitted in the department for Ph.D. course work under Ph.D. programme.

1. Name of the Department: **Department of Law**
2. Year of establishment: **2016**
3. Programmes offered: **LL.M.**
4. Examination System: **Semester System**
5. Faculty strength:

Professor	Associate Professor	Assistant Professor	Newly recruited in this year
—	—	02	—

6. Publications

Number of articles published			Number of book published	Number of book chapters published	Total H-index	Total i-10 index
SCI journal	Scopus journal	Non Scopus journal	—	01	—	—
—	—	01				

Details of publications

[A] Articles

- (i) Sharma, O.P., (2020). Sanskrit Literature and Personal Law in India: A Journey from Ancient India to Modern India, Indian Journal of Law and Governance, 1 (1), 43-51, Department of Law, Cooch Behar Panchanan Barma University of North Bengal, (Print): 2583-8997

(B) Book Chapters

- (i) Sharma, O.P., (2020). Public Administration Theories, Approaches and Issues. In Badal Sarkar (Ed.), Manusmritis and the Concept of Welfare State under Indian Polity: The Coherences and the Contradictions (pp. 1-16). Anu Books, ISBN: 978-93-90115-18-1

7. Seminar/Conference Presentations

Faculty	Title of the presented paper	Title of seminar	Status of seminar/conference	Organized by	Dates and year
Dr. Lalit Kumar Roy	Water Logging Problem and Its Management: Issues Involved	Environment justice Through Sustainable Water Resource Management: Issues, Challenges and Solutions	National	Department of Law, University of North Bengal, Darjeeling	29 th and 30 th December, 2020

8. Photographs related to academic events

	<p>Classes after the lockdown ends (Just after Corona period)</p> <p align="center">2021</p>
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9. NET/SET/GATE qualified:

Name of the examination	Number of candidates
NET	01
SET	01

10. Placement Details

School Service	Staff Selection	Public service	College service	University	Banking	Others
—	—	—	—	—	—	01

11. Best practices of your department

- (i) Special talks with women students about their various rights.
- (ii) Guiding poor students and encouraging them to study.
- (iii) Online classes on holidays if students needed.
- (iv) Each student is discussed individually with their study problems.

3.14 LIBRARY AND INFORMATION SCIENCE

The Department of Library and Information Science is one of the recently established departments at University of Gour Banga, Malda. The department started its journey in the year 2016 and was inaugurated by the then Hon'ble Vice Chancellor Prof. Gopal Mishra. Since then the department has been engaged in imparting education, training, and facilitating research in the field of Library and Information Science. A number of students of this department qualified UGC-NET, West Bengal SET examination. A few of our students have been selected for internship and further training in prestigious institutions like IITs and National Library, Kolkata. Also, students secured job in institutions like IIT, Kharagpur, ISI, Kolkata and Azeem Premji University, Bangaluru.

1. Name of the Department: **Department of Library and Information Science**
2. Year of establishment: **2016**
3. Programmes offered: **M.Lib.I.Sc, Ph.D**
4. Examination System: **Semester System**
5. Faculty strength:

Professor	Associate Professor	Assistant Professor	Newly recruited in this year
—	—	02	—

6. Publications:

Number of articles published			Number of book published	Number of book chapters published	Total H-index	Total i-10 index
SCI journal	Scopus journal	Non Scopus journal	01	02	04	—
—	02	03				

Details of publications

[A] Articles:

- (i) Majumdar, S. (2020). Delay from manuscript submission to journal publication : An eight year (2012-2019) study of Annals of Library and Information Studies. RBU Journal of Library & Information Science, 22 , 140-148 RBU, ISSN: 0972-2750
- (ii) Majumdar, S. (2020). Tryst with Uncertainty: Efforts of Department of Library and Information Science, University of Gour Banga, Malda, West Bengal, India. Education for Information, 36(3), 327-331 IOS Press, DOI: 10.3233/EFI-200005 (Impact Factor 0.7)
- (iii) Majumdar, S. (2020). Directive (EU) 2019/790 of the European Parliament and of the Council: overhaul of European Union's copyright rules: a study. Library Hi Tech News, 37(9), 11-13 Emerald, <https://doi.org/10.1108/LHTN-06-2020-0054>.
- (iv) Karkee, P. & Sinha S. (2020). Knowledge Management: Myth & Reality. Advances in Library and Information Science (ALIS), 2(1), 39-44, ISSN – 2232-2846. <https://dlisnbu.ac.in/alis/index.php/home/article/view/10>
- (v) Karkee, P. & Sinha S. (2021). Mapping the publication pattern of IASLIC Bulletin (2013-2017): A bibliometric assessment. Library Philosophy & Practice (e-journal), ISSN: 1522-0222, <https://digitalcommons.unl.edu/libphilprac/6158/>

[B] Book:

- (i) Karkee, Prabin. (2020). *Public Libraries in Darjeeling*. New Delhi: New Academic Publishers, ISBN: 978-8186772-99-7.

[C] Book Chapters:

- (i) Majumdar, S. (2020). Selective Annotated Bibliography of research articles on Altmetrics published in Library and Information Science journals hosted by Science Direct. In U. Pramanathan, U., R. Kavitha, G. Stephen & M. Selvam (Eds.), *Handbook of Metric Studies for Library and Information Science Scholars* (pp. 1-9). SKRGC Publication, Madurai, ISBN: 9788194484363
- (ii) Karkee, P. & Ghosh, S. (2021). Resource Sharing for Peers: Practice of Self-Archiving in the Changing ICT Realm. In Kishor Chandra Satpathy (Ed.), *What Next in Libraries? Trends, Space and Partnership* (pp 248-253). New Delhi: Ahuja Publishing House, ISBN - 978-93-80316-10-9.

7. Workshop/training pursued:

Faculty	Name of the course	Status of course	Organized by	Dates and year
Sandip Majumdar	UGC Sponsored Faculty Induction Programme (Guru Dakshata)	National	UGC-Human Resource Development Centre (HRDC) Jadavpur University, Kolkata	21 st December 2020 to 28 th January 2021
Prabin Karkee	Quality improvement program on image building and reputation management of library & information systems and services (IBRM-LISaS)	National	Education Division, IASLIC, Kolkata	15 th -24 th May, 2021

8. Best practices of your department:

- (i) Use of smart classroom equipments for teaching-learning practices
- (ii) Coaching for NET/SET preparation of department students
- (iii) Job notifications and alerts for students through dedicated alumni whatsapp group

3.15 MASS COMMUNICATION & JOURNALISM DEPARTMENT

This platform is dedicated for equipping students with the knowledge, skills, and expertise needed to succeed in the dynamic fields of Mass communication and Journalism. Our mission is to foster creative, critical, and ethical communicators who can make a positive impact in the world. The main goals of this department are to develop skilled and ethical communicators and media person, to foster critical thinking, creativity, and innovation, to prepare students for successful careers and lifelong learning, to contribute to the advancement of mass communication and journalism fields.

- 1. Name of the Department: **Mass Communication & Journalism**
- 2. Year of establishment: **2008**
- 3. Programmes offered: **M.A.**
- 4. Examination System: **Semester System**
- 5. Faculty strength:

Professor	Associate Professor	Assistant Professor	Newly recruited in this year
—	—	01	—

6. Placement Details

School Service	Staff Selection	Public service	College service	University	Banking	Others
—	—	—	—	—	—	03 (Media House)

7. Best practices of your department

- (i) Practicing field Journalism
- (ii) Media monitoring

3.16 MATHEMATICS DEPARTMENT

The Department of Mathematics, University of Gour Banga currently has five Faculty members. The Department provides two Academic Programs: M.Sc. and Ph.D. The intake of the M. Sc. Course is 75 students per year. The students are admitted to M.Sc. course purely on merit basis. The Department starts conducting Course Work for Ph.D. students under the new regulations of U.G.C. Teaching load is fairly good, typically a Faculty member teaches three or four courses simultaneously, and possibly two Labs *in a year*. The Faculty members combine their commitment to research with a devotion to teaching. Our Faculty members are committed to mentoring and working closely with students, emphasizing the development of critical thinking and problem solving skills as part of broader disciplinary and interdisciplinary proficiencies. We pride ourselves on providing students with the opportunity to engage in hands-on educational experiences through participation in faculty-led seminars/projects and apply academic concepts, strategies, and techniques to serious Mathematical problems. Some of our Faculty members have recently achieved prestigious and highly selective Research Fellowships, and all are committed to offering the best possible teaching in the fascinating field of Mathematics. The Faculty members are nationally and internationally known in their fields for their scholarly work. Faculty research interest spans a wide range: from abstract theory of Mathematics to applicable problems of immediate interest to industry. Current areas of research can be broadly classified into the following categories: Fluid Dynamics and General Topology, Plasma Dynamics and Soliton Theory. The faculty interacts with several national and international bodies, research centers and Universities in the capacity of organizers, external experts, editors, referees and reviewers for research journals in Mathematics and allied areas in addition to participating and lecturing in conferences.

1. Name of the Department: **Department of Mathematics**
2. Year of establishment: **2008**
3. Programmes offered: **M.Sc. & Ph.D.**
4. Examination System: **Semester System**
5. Faculty strength:

Professor	Associate Professor	Assistant Professor	Newly recruited in this year
02	—	04	02

6. Ph.D. Pursuing and Awarded

Ph.D. enrolled (with JRF)	Ph.D. enrolled (without JRF)	Ph.D. awarded (with JRF)	Ph.D. awarded (without JRF)
07 (Existing: 03, New: 04)	10 (Existing: 09, New: 01)	01	05

7. Publications

Number of articles published			Number of book published	Number of book chapters published	Total H-index	Total i-10 index
SCI journal	Scopus journal	Non Scopus journal	—	01	11 (Google Scholar) (as on 2024)	11 (Google Scholar) (as on 2024)
05	18	05				

Details of publications

[A] Article

Professor Sanatan Das

- (i) Sarkar, S., Jana, R. N., & **Das, S.** (2020). Time-dependent entropy analysis in magnetized Cu-Al₂O₃/ethylene glycol hybrid nanofluid flow due to A vibrating vertical plate. International Journal of Fluid Mechanics Research., 47 (5), Begell House, <http://dx.doi.org/10.1615/InterJFluidMechRes.2020033884/> ISSN/e-ISSN: 2152-5102 / 2152-5110 (**Impact Factor 0.5**) (**Scopus**)
- (ii) **Das, S.**, Ali, A., Jana, R. N., & Banerjee, S. M. (2020). Hall effect on heat transport of magnetized Cu-Engine oil over a rotating slipping disk with convective heating in a porous space. Special Topics & Reviews in Porous Media: An International Journal., 11 (5), Begell House, <http://dx.doi.org/10.1615/SpecialTopicsRevPorousMedia.2020033878/> ISSN/e-ISSN: 2151-4798 / 2151-562X (**Impact Factor 1.4**) (**Scopus**)
- (iii) **Das, S.**, Ali, A., & Jana, R. N. (2020). Impact of hall currents with buoyancy forces on hydromagnetic reactive Casson fluid flow past a slippery plate in a rotating porous medium. Special Topics & Reviews in Porous Media: An International Journal., 11 (4). Begell House, <http://dx.doi.org/10.1615/SpecialTopicsRevPorousMedia.2020029405/> ISSN/e-ISSN: 2151-4798 / 2151-562X (**Impact Factor 1.4**) (**Scopus**)
- (iv) **Das, S.**, Ali, A., & Jana, R. N. (2021). Insight into the dynamics of magneto-casson hybrid nanoliquid caused by a plate rotation. World Journal of Engineering., 18 (1), 66-84 Emerald Group Publishing Ltd, <http://dx.doi.org/10.1108/WJE-07-2020-0261/> ISSN/e-ISSN: 1708-5284 (**Impact Factor 1.4**) (**Scopus**)
- (v) **Das, S.**, Sarkar, S., & Jana, R. N. (2020). Feature of entropy generation in Cu-Al₂O₃/ethylene glycol hybrid nanofluid flow through a rotating channel. BioNanoScience., 10 (4), 950-967 Springer, <https://link.springer.com/article/10.1007/s12668-020-00773-7/> ISSN/e-ISSN: 2191-1630 / 2191-1649 (**Impact Factor 3.0**) (**Scopus**)
- (vi) **Das, S.**, Ali, A., & Jana, R. N. (2021). Darcy-Forchheimer flow of a magneto-radiated couple stress fluid over an inclined exponentially stretching surface with Ohmic dissipation. World Journal of Engineering., 18 (2), 345-360 Emerald Group Publishing Ltd, <http://dx.doi.org/10.1108/WJE-07-2020-0258/> ISSN/e-ISSN: 1708-5284 (**Impact Factor 1.4**) (**Scopus**)
- (vii) **Das, S.**, Sarkar, S., & Jana, R. N. (2021). Assessment of irreversible losses of non-Newtonian nanofluid flow underlying Hall current, chemical reaction and thermal radiation. World Journal of Engineering., 18 (2), 228-250 Emerald Group Publishing Ltd, <http://dx.doi.org/10.1108/WJE-07-2020-0266/> ISSN/e-ISSN: 1708-5284 (**Impact Factor 1.4**) (**Scopus**)
- (viii) **Das, S.**, Pal, T. K., & Jana, R. N. (2021). Outlining impact of hybrid composition of nanoparticles suspended in blood flowing in an inclined stenosed artery under magnetic field orientation. BioNanoScience., 11, 99-115 Springer, <https://link.springer.com/article/10.1007/s12668-020-00809-y/> ISSN/e-ISSN: 2191-1630 / 2191-1649 (**Impact Factor 3.0**) (**Scopus**)

- (ix) Ali, A., Jana, R. N., & **Das, S.** (2021). Radiative CNT-based hybrid magneto-nanoliquid flow over an extending curved surface with slippage and convective heating. *Heat Transfer.*, 50 (3), 2997-3020 Wiley, <http://dx.doi.org/10.1002/htj.22015> / ISSN/e-ISSN: 2688-4534 / 2688-4542 (**Impact Factor 3.6**) (**Scopus**)

- (x) **Das, S.**, Patra, R. R., & Jana, R. N. (2021). Hydromagnetic oscillatory reactive flow through a porous channel in a rotating frame subject to convective heat exchange under Arrhenius kinetics. *Journal of Engineering Physics and Thermophysics.*, 94 (3), 702-713 Springer, <http://dx.doi.org/10.1007/s10891-021-02347-0> / ISSN/e-ISSN: 1062-0125 / 1573-871X (**Impact Factor 0.6**) (**Scopus**)

- (xi) **Das, S.**, Chakraborty, S., & Jana, R. N. (2021). Entropy analysis of Poiseuille nanofluid flow in a porous channel with slip and convective boundary conditions under magnetic field. *World Journal of Engineering.*, 18 (6), 870-885 Emerald Group Publishing Ltd, <http://dx.doi.org/10.1108/WJE-12-2020-0660> / ISSN/e-ISSN: 1708-5284 (**Impact Factor 1.4**) (**Scopus**)

- (xii) **Das, S.**, Sarkar, B. C., Jana, R. N., & Chamkha, A. J. (2021). Hall effects on rotating MHD channel flow in the presence of an inclined magnetic field. *Yanbu Journal of Engineering and Science.*, 14 (1), 1-10 Yanbu Industrial College, <http://dx.doi.org/10.53370/001c.24326> / ISSN: 1658-5321 (**Impact Factor NA***)

- (xiii) Das, S., Ali, A., & Jana, R. N. (2021). Numerically framing the impact of magnetic field on nanofluid flow over a curved stretching surface with convective heating. *World Journal of Engineering.*, 18 (6), 938-947 Emerald Group Publishing Ltd, <http://dx.doi.org/10.1108/WJE-11-2020-0587> / ISSN/e-ISSN: 1708-5284 (Impact Factor 1.4) (Scopus)

- (xiv) **Das, S.**, Barman, B., Jana, R. N., & Makinde, O. D. (2021). Hall and ion slip currents' impact on electromagnetic blood flow conveying hybrid nanoparticles through an endoscope with peristaltic waves. *BioNanoScience.*, 11 (3), 770-792 Springer, <https://link.springer.com/article/10.1007/s12668-021-00873-y> / ISSN/e-ISSN: 2191-1630 / 2191-1649 (**Impact Factor 3.0**) (**Scopus**)

Professor Shyamapada Modak

- (xv) Noiri, T., Selim, S., & **Modak, S.** (2020). Convergence of the associated filters via set-operators. *Çankaya University Journal of Science and Engineering.*, 17 (2), 101-107 Cankaya University (DergiPark), ISSN: 2564-7954 (**Impact Factor NA**)

- (xvi) Selim, S., Noiri, T., & Modak, S. (2021). Some set-operators on ideal topological spaces. *The Aligarh Bulletin of Mathematics.*, 40 (1), 41-53 Aligarh Muslim University, Aligarh, ISSN: 0304-9787 (Impact Factor NA)

- (xvii) Hoque, J., & **Modak, S.** (2021). Algebra of frontier points via semi-kernels, *Cumhuriyet Science Journal.*, 42 (2), 339-345 Sivas Cumhuriyet Universitesi (DergiPark), <https://doi.org/10.17776/csj.784074> / ISSN/e-ISSN: 2587-2680 / 2587-246X (**Impact Factor NA**)

- (xviii) Modak, S., & Selim, S. (2021). Set operators and associated functions. Communications Faculty of Sciences University of Ankara Series A1 Mathematics and Statistics., 70 (1), 456-467 Ankara University (DergiPark), <https://doi.org/10.31801/cfsuasmas.644689> /ISSN/e-ISSN: 1303-5991 (Impact Factor 0.7)

Dr. Debraj Chandra

- (xix) Das, S., & Chandra, D. (2021). Certain observations on statistical variations of bornological covers. Filomat., 35 (7), 2303-2315 University of Nis, Serbia, <https://doi.org/10.2298/FIL2107303D> / ISSN: 0354-5180 (Impact Factor 0.8) (SCIE, Scopus)

Dr. Simanta De

- (xx) Gopmandal, P. P., De, S., Bhattacharyya, S., & Ohshima, H. (2020). Impact of ion-steric and ion-partitioning effects on electrophoresis of soft particles. Physical Review E., 102 (3), 032601 American Physical Society, <https://doi.org/10.1103/PhysRevE.102.032601> / ISSN/e-ISSN: 2470-0045 / 2470-0053 (Impact Factor 2.2) (SCIE, Scopus)
- (xxi) Kumar, B., De, S., Gopmandal, P. P., Sinha, R. K., & Ohshima, H. (2020). Electrophoresis of dielectric and immiscible-liquid-layer-encapsulated colloids in aqueous media. Physical Review E., 102 (4), 042618 American Physical Society, <https://doi.org/10.1103/PhysRevE.102.042618> / ISSN/e-ISSN: 2470-0045 / 2470-0053 (Impact Factor 2.2) (SCIE, Scopus)
- (xxii) Maurya, S. K., Gopmandal, P. P., De, S., Ohshima, H., & Sarkar, S. (2021). Electrokinetics of Concentrated Suspension of Soft Particles with pH-Regulated Volumetric Charges. Langmuir., 37 (2), 703-712 American Chemical Society, <http://dx.doi.org/10.1021/acs.langmuir.0c02805> /ISSN/e-ISSN: 0743-7463 / 1520-5827 (Impact Factor 3.7) (SCIE, Scopus)

Dr. Laxmikanta Mandi

- (xxiii) Mandi, L., Ali, R., Chatterjee, P. (2021). Quasiperiodic route to chaos for the dust ion acoustic waves in magnetized dusty plasmas, Plasma Physics Reports., 47 (5), 419-426 Springer, <http://dx.doi.org/10.1134/S1063780X2105007X> /ISSN/e-ISSN: 1562-6938/1063-780X (Impact Factor 0.9) (SCIE, Scopus)

[B] Book Chapters:

- (i) Sharma, R. P., Ghosh, S. K., & Das, S. (2021). MHD flow in a rotating channel surrounded in a porous medium with an inclined magnetic field. In D. Tripathi & R.K. Sharma (Eds.), *Energy Systems and Nanotechnology* (pp. 369-384). Springer., ISBN: 978-981-16-1255-8 <http://dx.doi.org/10.1007/978-981-16-1256-5>

8. Academic events (special talk/seminar/workshop etc.) organized by the department

Type of Programme organized	Date	Theme	Name of the renowned resource persons
Extension Lecture	26.02.2021, 01.03.2021, 03.03.2021, 05.03.2021, 08.03.2021, 10.03.2021, 12.03.2021	Differential Geometry	Prof. (Retd.) M. Majumdar, Dept. of Pure Mathematics, University of Calcutta
Extension Lecture	27.02.2021- 02.03.2021, 04.03.2021- 06.03.2021	Operations Research	Prof. (Retd.) M. Maiti, Dept. of Applied Mathematics, Vidyasagar University
Extension Lecture	01.03.2021- 04.03.2021	Fluid Mechanics	Prof. (Retd.) R. N. Jana, Dept. of Applied Mathematics, Vidyasagar University
Extension Lecture	09.04.2021, 12.04.2021, 16.04.2021, 19.04.2021, 23.04.2021, 26.04.2021, 30.04.2021, 01.05.2021	Differential Geometry II	Prof. (Retd.) M. Majumdar, Dept. of Pure Mathematics, University of Calcutta

9. NET/SET/GATE qualified

Name of the examination	Number of candidates
NET	04
NET-JRF	03
SET	09
GATE	04

10. Placement Details

School Service	Staff Selection	Public service	College service	University	Banking	Others
18	—	—	03	—	—	04

11. Best practices of your department (1 to 3):

- (i) Regular classroom teaching with chalk and talk
- (ii) Emphasis on regular attendance of students and research scholars

3.17 PHILOSOPHY DEPARTMENT

The Department of Philosophy of the University of Gour Banga was established in 2012. The first day of starting classes of the department was 19th January, 2012. It was held in two rooms of Satya Chowdhury Stadium, Malda, rented by the university, along with two Assistant Professors: (1) Dr. Sukumar Chandra Roy, (joined on 14.01.2012) and (2) Purbayan Jha, (joined on 16.01.2012) and 70 students. Now the department has six faculty members and intake capacity is 100 per semester. So, the day was historically important for the department. In the next month i.e. in February, 2012, Dr. Ruchira Majumder joined the department as Associate Professor of Philosophy. With these three faculty members the department started its journey. After 1 semester year, the department had shifted to the main campus of the university in the Dr. A. P. J Abdul Kalam Bijnan Bhavan and finally to Acharya Binoy Kumar Sarkar Kala Bhavan, the Humanities Building of the university at the end of the year 2015. In the meantime, Dr. Jhadeswar Ghosh joined as Associate Professor in September, 2014. The department has also got two more faculty members by the fag end of 2015. Now the total strength of faculty members is five (5). The department offers a syllabus which stimulates the students to think critically on the philosophical problems. The key philosophical areas of study such as epistemology, logic, ethics, metaphysics, philosophy of language are studied both from Indian and Western perspectives, as well as modern Indian thinkers, aesthetics, continental philosophy, philosophy of mind and many more are there in the syllabus with updated developments in those areas. The faculty members are actively engaged in research works and eminent philosophers are invited as visiting faculties to deliver special lectures which enable the students to have sufficient exposure to the domain of knowledge.

1. Name of the Department: **Department of Philosophy**
2. Year of establishment: **2012**
3. Programmes offered: **M.A. M.Phil. & Ph.D.**
4. Examination System: **Semester System**
5. Faculty strength:

Professor	Associate Professor	Assistant Professor	Newly recruited in this year
02	01	03	—

6. Ph.D. Pursuing and Awarded

Ph.D. enrolled (with JRF)	Ph.D. enrolled (without JRF)	Ph.D. awarded (with JRF)	Ph.D. awarded (without JRF)
—	02	—	01 [Md Mijanul Islam (May, 2021), under Prof. Jhadeswar Ghosh]

7. Publications

Number of articles published			Number of book published	Number of book chapters published	Total H-index	Total i-10 index
SCI journal	Scopus journal	Non Scopus journal	01	05	05	—
—	01	02				

Details of publications

[A] Articles

- (i) Ghosh, J. (Jan. 2021). The Issue of Normativity and Naturalized Epistemology. *Journal of the All Odisha Philosophy Association*, Volume VII Number I, ISSN: 2395-2784.
- (ii) Jha, P. (July-December 2020). Seeing Things and Wondering: a Wittgensteinian Outlook. *Panjab University Research Journal (Arts)* [UGC-CARE enlisted], Vol. XLVIII No. 2, ISSN: 0970-5260.
- (iii) Jha, P. (May 2021). Friendship and Politics: Historical Discourses and Trans-political Prospects. *Journal of Indian Council of Philosophical Research* (SCOPUS & UGC-CARE enlisted), Vol. 38, Issue 2, 177-195 Springer Nature (Published Online: 27 April 2021), <https://doi.org/10.1007/s40961-021-00237-7>/Electronic ISSN: 2363-9962; Print ISSN: 0970-7794 (**Impact Factor: 0.2**).

[B] Book

- (i) Ghosh, J. (Ed.) (2020). *The Engaged Intellect: Essays on the Philosophical Perspectives of Raghunath Ghosh (along with his responses)*, Levant Books (ISBN: 978-93-88069-66-3).

[C] Book Chapters

- (i) Saha, J. (2020). Raghunath Ghosh' Conception of Feminism: Some Reflections. In J. Ghosh (Ed.), *The Engaged Intellect: Essays on the Philosophical Perspectives of Raghunath Ghosh (along with his responses)*. Levant Books (ISBN: 978-93-88069-66-3).
- (ii) Ghosh, J. (2020). Role of Buddhist Philosophy in Addressing Climate Change and Global Warming. In Bibhuti Bhushan Nayak (Ed.), *Tradition Religion and Morality: An Indian Perspectives*. New Academic Publishers (ISBN: 978-81-86772-14-0).
- (iii) Ghosh, J. (2020). Ontological Argument in Nyāya-Vaiśeṣika: Some Reflections. In J. Ghosh (Ed.), *The Engaged Intellect: Essays on the Philosophical Perspectives of Raghunath Ghosh (along with his responses)*. Levant Books (ISBN: 978-93-88069-66-3).
- (iv) Jha, P. (2020). "Raghunath Ghosh on Tagore's Concept of Freedom: A Reflection. In J. Ghosh (Ed.), *The Engaged Intellect: Essays on the Philosophical Perspectives of Raghunath Ghosh (along with his responses)*. edited by, Levant Books (ISBN: 978-93-88069-66-3).
- (v) Ali, S. (2020) Status-Oriented Feminist Approaches to Ethics: A Philosophical Discussion. In Anil Kr. Sarkar (Ed.), *Women in Indian Society: Essays on Historiography and Politics* (Vol. 1). Anvi Books & Publishers (ISBN: 978-81-946168-3-2).

8. Seminar/Conference Presentations

Faculty	Title of the presented paper	Title of seminar	Status of seminar/conference	Organized by	Dates and year
Prof. Jyotsna Saha	“Be with Yoga, Be at Home” as a Resource Person	One-Day Webinar on International Day of Yoga	State	Department of Philosophy, Malda College, Malda	21 st June, 2021
Prof. Jhadeswar Ghosh	“Ethical Aspects of Yoga” as a Resource Person	ICPR-sponsored one day Webinar on Yoga for Health, Happiness and Harmony	State	Department of Philosophy, Malda Women’s College, Malda	5 th July 2020
Prof. Jhadeswar Ghosh	“Yoga for Health and Happiness: Philosophical Perspectives” as a Resource Person	Two-Day National Webinar on Yoga and Wellness in the Context of Covid-19	National	Department of Philosophy, Gobinda Prasad Mahavidyalaya, Amarkanan, Bankura	18 th & 19 th July, 2020
Prof. Jhadeswar Ghosh	“Human Activities and Environmental Crisis: an Ethical Quest”	National Webinar on Duty of a Man in Present Day Crisis	National	Department of Philosophy, Maynaguri College, Maynaguri, Jalpaiguri	4 th September, 2020
Prof. Jhadeswar Ghosh	“Gandhian Philosophy and the Crisis of Covid-19”	State-Level Webinar on Mahātmā Gāndhi	State	Department of Philosophy, Malda Women’s College and Malda College	2 nd October, 2020
Prof. Jhadeswar Ghosh	“Eco-Philosophical Dimension in Gandhian Thought”	Revisiting the Vision of Mahatma Gandhi	State	Department of Philosophy, Jadavpur University, Kolkata	17 th December, 2020

Prof. Jhadeswar Ghosh	“Language and Meaning: A study of Bhartṛhari and Quine’s Philosophy”	33 rd Annual Conference of All Odisha Philosophy Association	State	Vikram Deb (Autonomous) College, Jeypore, Koraput, Odisha	23 rd –25 th January, 2021
Prof. Jhadeswar Ghosh	“Philosophical Perspective of Ayurveda and Covid 19” as a Resource Person	ICPR-sponsored Periodical Lecture on Philosophy of Yoga, Ayurveda and Holistic Life	State	Department of Philosophy, Malda Women’s College, Malda	28 th February, 2021
Prof. Jhadeswar Ghosh	“Man and Environment: An Approach to Buddhist Philosophy” as a Resource Person	ICPR-sponsored Periodical Lecture on Philosophy of Man and Environment	State	Department of Philosophy, Malda College, Malda	22 nd March, 2021
Dr. Purbayan Jha	“Community and Communication: Towards an Ethics of Globalization” as a Resource Person	Seven-day National level Workshop on Emerging Trends in Ethical Discourse	National	UG-BoS of Philosophy, West Bengal State University in collaboration with IQAC, WBSU	20 th March, 2021 through Google Meet
Dr. Shampa Roy	“Idea of Reality in Saṅkara’s philosophy” as a Resource Person	UGC-CAS sponsored two-day National level seminar on Mind and Reality	National	Department of Philosophy, Jadavpur University	13 th -14 th March, 2021 through Google Meet

9. Workshop/training pursued

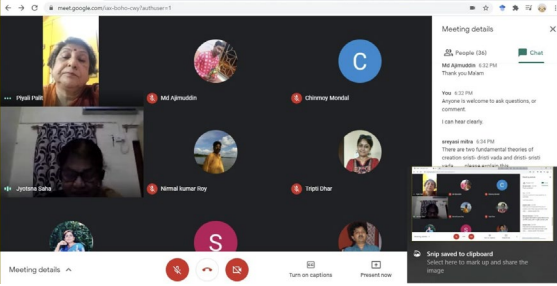
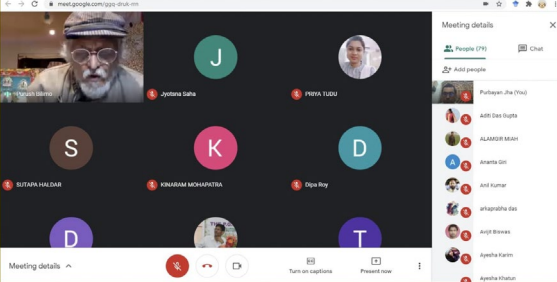
Faculty	Name of the course	Status of course	Organized by	Dates and year
Dr. Purbayan Jha	“Advanced Concepts for Developing MOOCS”	Two Weeks Faculty Development Programme (Online mode)	Teaching Learning Centre, Ramanujan College, University of Delhi, sponsored by Ministry of Human Resource Development, Government of India under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching	2 nd July 2020 to 17 th July 2020
Dr. Purbayan Jha	Online Refresher Course in ‘Development Studies’	Refresher Course	UGC Human Resource Development Centre, The University of Burdwan, Bardhaman (W.B)	22 nd December 2020 to 4 th January 2021
Dr. Shampa Roy	Refresher Course in Philosophy	Refresher Course (Online mode)	HRDC, Jawaharlal Nehru University	5-17 Oct, 2020

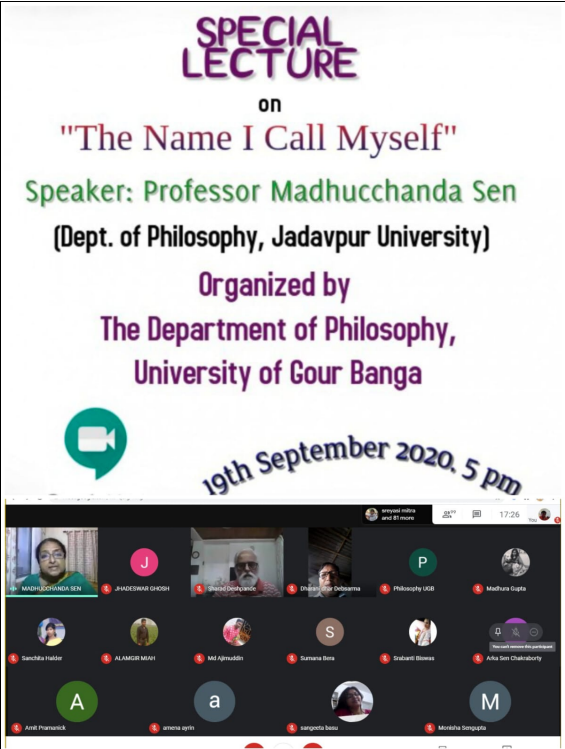

10. Academic events (special talk/seminar/workshop etc.) organized by the department

Type of Programme organized	Date	Theme	Name of the renowned resource persons
3 rd Acharya Brojendra Nath Seal Memorial Lecture (Online mode)	22 nd August, 2020	Theory of Origination in Advaita Vedānta following Śāṅkara’s Bhāṣya	Professor Piyali Palit, Formerly Dept. of Philosophy, Jadavpur University
3 rd Bimal Kishna Matilal Memorial Lecture (Online mode)	31 st August, 2020	Bimal K. Matilal on Linguistic Content of Cognition and ‘Lingophobia’ in Buddhist Epistemology	Professor Purushottama Bilimoria, University of Melbourne and Deakin
Special Lecture (Online mode)	19 th September, 2020	The Name I Call Myself	Professor Madhuchhanda Sen, Department of Philosophy, Jadavpur University

International Webinar via Google Meet	13-14 October, 2020	Determinacy and Indeterminacy in Meaning: From Wittgenstein's Perspectives	<ol style="list-style-type: none"> 1. Prof. Daniele Moyal-Sharrock, University of Hertfordshire, UK 2. Prof. Indrani Sanyal Formerly, Jadavpur University 3. Prof. Priyambada Sarkar, Calcutta University 4. Dr. Enakshi Mitra, Delhi University 5. Dr. Anirban Mukherjee, North Bengal University 6. Dr. Pravesh Jung Golay, IIT Bombay
National Webinar to Celebrate World Philosophy Day-2020 via Google Meet	27 th February, 2021	Philosophy, Science and Technology: Different Perspectives	<ol style="list-style-type: none"> 1. Professor Manjulika Ghosh, Formerly Professor of Philosophy, University of North Bengal 2. Professor Ragunath Ghosh, Formerly Professor of Philosophy, NBU 3. Professor Ramesh Chandra Pradhan, Formerly Professor of Philosophy, University of Hyderabad 4. Professor Ranjan Kumar Panda, Professor of Humanities and Social Sciences, IIT Bombay

Photographs related to academic events:

Paste photographs here	Captions of the supplied photographs
	<p>3rd Acharya Brojendra Nath Seal Memorial Lecture (Online mode)</p>
	<p>3rd Bimal Kishna Matilal Memorial Lecture (Online mode)</p>

	<p>Special Lecture on “The Name I Call Myself” (Online mode)</p>
	<p>International Webinar via Google Meet</p>

11. NET/SET/GATE qualified

Name of the examination	Number of candidates
NET	01

12. Placement Details

School Service	Staff Selection	Public service	College service	University	Banking	Others
—	—	—	02 (1 through CSC, 1 as Guest Lecturer)	—	—	—

13. Best practices of your department

- (i) The syllabuses in the post graduate and research course work programme are designed in such a way to make the students study and delve into the ideas of the classical and contemporary thinkers both in the Indian and the Western philosophical traditions. Students also get an idea to relate the themes into practical life and for individual and social well being, with awareness of the surrounding world and the environment. The normative and applied contents of philosophy are taught to the students.
- (ii) Regular classes and monitoring of the students, research scholars take place. Department conducts tutorial classes and examinations, seminar presentation and viva-voce for the students.
- (iii) Many renowned scholars of philosophy are invited as visiting faculty, for delivering extension lectures and special lectures and in seminars so that students and research scholars of the department get a lot of exposure.

3.18 PHYSICS DEPARTMENT

The post graduate Department of Physics of the University of Gour Banga started its journey since January, 2012, with three faculty members and twenty students under a two-year-four-semester process. The faculty members have furnished the whole PG course and have built up general physics laboratory, electronics laboratory, optics laboratory, general computer laboratory and special computer laboratory which are running satisfactorily. Besides, arrangement of more experimental setup is under progress to run the laboratories in full swing. The department arranges guest faculties affiliated to renowned universities for extended lectures on some of the topics.

1. Name of the Department: **Department of Physics**
2. Year of establishment: **2012**
3. Programmes offered: **M.Sc.**
4. Examination System: **Semester System**
5. Faculty strength:

Professor	Associate Professor	Assistant Professor	Newly recruited in this year
01	01	03	—

6. Publications:

Number of articles published			Number of book published	Number of book chapters published	Total H-index	Total i-10 index
SCI journal	Scopus journal	Non Scopus journal	—	—	—	03
05	05	—				

Details of publications:

[A] Articles:

- (i) **Bandyopadhyay A.** Sarkar B.J.; Sutradhar, S.; Mandal, J.; Chakrabarti, P.K. (2021) Synthesis, structural characterization, and studies of magnetic and dielectric properties of Gd³⁺ doped cerium oxide, **Journal of Alloys and Compound** (Elsevier) Volume 865, pages:158838 ISSN:0925-8388 DOI: 10.1016/j.jallcom.2021.158838 I.F-5.8
- (ii) B.J Sarkar, **A Bandyopadhyay**; (2021) Studies of magnetic behavior of chemically synthesized interacting superparamagnetic copper ferrite nanoparticles. **J Mater Sci: Mater Electron** (Springer) Volume 32, pages 1491–150 ISSN:0957-4522 DOI: 10.1007/s10854-020-04919-x I.F-2.8

- (iii) **A. Bandyopadhyay**, N.Gupta, M. Nath, S. Sutradhar (2021) Magnetic properties of Mn doped ZnO: A Monte Carlo simulation analysis, **Vacuum** (Elsevier) Vol: 183 Page-109786 ISSN:0042-207XDOI: 10.1016/j.vacuum.2020.109786; I.F-3.8
- (iv) S. Sutradhar, **A. Bandyopadhyay** Modulation of magnetic and dielectric response of mullite coated Cu-substituted Co-Zn-ferrite multiphase nanocomposites, **Material Science in Engineering B**(Elsevier)Volume 32, pages 1491–1500ISSN:1873-4944https://doi.org/10.1016/j.mseb.2021.115079I.F-3.9
- (v) Chakraborty, T.; Debnath, T.; Bhowmick, S.; **Bandyopadhyay, A.**; Karmakar, A.; Das, S.; Mahapatra, A.S.; Sutradhar, S. (2021) Enhancement of EMI shielding effectiveness of flexible Co₂U-type hexaferrite (Ba₄Co₂Fe₃₆O₆₀)-poly(vinylidene fluoride) heterostructure composite materials: An improved radar absorbing material to combat against electromagnetic pollution, **Journal of Applied Physics**, (AIP) Vol-128, Page- 095301ISSN:0021-8979 DOI: 10.1063/5.0015161 I.F-2.8

7. Research Projects:

S. No.	Name of the Investigator	Project No. With date	Funding Agency	Title of the project and duration(Start and end date	Amount sanctioned	Status [Pursuing or Completed]
1	Dr Atul Bandyopadhyay	UGC (F.30-427/2018 (BSR)	UGC	Synthesis and characterization of un-doped and 3d/4f metal ion doped rare earth oxide nanoparticles 22.03.2018 to 21.03.2021	Rs: 10,000,00/-	Completed

8. Workshop/training pursued:

Faculty	Name of the course	Status of course	Organized by	Dates and year
A Sengsharma	7 th Online FDP: Indian Knowledge System-Depth and Understanding	UGC Sponsored interdisciplinary short-term course	HRDC, Sardar Patel University	Nov. 02-08, 2020
S sarkar	Refresher course on engineering and technology	UGC sponsored interdisciplinary refresher course	HRDC, Mizoram University	Dec, 01-14, 2020
A Bandyopadhyay	Refresher course on engineering and technology	UGC sponsored interdisciplinary refresher course	HRDC, Mizoram University	Dec, 01-14, 2020
S Mitra	Refresher course on engineering and technology	UGC sponsored interdisciplinary refresher course	HRDC, Mizoram University	Dec, 01-14, 2020

S sarkar	Bioinformatics and artificial intelligence	Short term course	University of Mumbai	Dec, 28, 2020-Jan 02, 2021.
A Bandyopadhyay	Bioinformatics and artificial intelligence	Short term course	University of Mumbai	Dec, 28, 2020-Jan 02, 2021.
S Mitra	Bioinformatics and artificial intelligence	Short term course	University of Mumbai	Dec, 28, 2020-Jan 02, 2021.

9. NET/SET/GATE qualified:

Name of the examination	Number of candidates
NET	03
GATE	05
Any other relevant	JEST-01

10. Placement Details

School Service	Staff Selection	Public service	College service	University	Banking	Others
03	—	—	02	—	—	01

3.19 PHYSIOLOGY DEPARTMENT

The post graduate Department of Physiology of the University of Gour Banga started its journey from August 2016, with two faculty members and PG students under a two-year-four-semester process. The faculty members have furnished the whole PG course (CBCS) and have built up general practical/research laboratory and cell culture unit, which are running satisfactorily. Research activity is the backbone of this department since its journey. The department offers Ph.D. programs since 2019 on various thrust areas, including cancer biology, nanotechnology & nano-therapy, microbiology, immunology, toxicology, and community health. The main goals of the department are to promote teaching and research with special emphasis on human health related issues and to provide exposure to the students towards updated research activities and training. The students of this department have been successful in several competitive examinations, including NET, SET, GATE etc.

1. Name of the Department: **Department of Physiology**
2. Year of establishment: **2016**
3. Programmes offered: **M.Sc., Ph.D.**
4. Examination System: **Semester System**
5. Faculty strength:

Professor	Associate Professor	Assistant Professor	Newly recruited in this year
01	—	01	—

6. Ph.D. Pursuing and Awarded:

Ph.D. enrolled (with JRF)	Ph.D. enrolled (without JRF)	Ph.D. awarded (with JRF)	Ph.D. awarded (without JRF)
—	03	—	—

7. Publications:

Number of articles published			Number of books published	Number of book chapters published	Total H-index	Total i-10 index
SCI journal	Scopus journal	Non-Scopus journal				
02	01	02	—	—	02	—

Details of publications:

[A] Articles:

- (i) **Pal, S.**, Mahato, S., Giri, B., Pandey, DN., & Joshi, PK. (2021). Quantifying monthly water balance to estimate water deficit in Mayurakshi river basin of Eastern India. *Environment Development and Sustainability*, 23, 15986–16014, Springer, <https://link.springer.com/article/10.1007/s10668-021-01318-y> (**Impact Factor 4.7**) (**Scopus & SCIE**).
- (ii) Rahaman, SN., Samanta, S., Banerjee, J., Dash, SK., Giri, B., Das, S., **Ali, KM.**, & Mondal, B. (2021). Socio-demographic profile, nutritional and health status of fishermen: A Review. *Bangladesh Journal of Medical Science*, 20(4), 707-713, Ibn Sina Medical College, <http://dx.doi.org/10.3329/bjms.v20i4.54124> (**Impact Factor 0.9**) (**SCI**).
- (iii) Dey, S., Murmu, N., Molla, MR., Dash, SK., & **Giri, B.** (2020). Parthenolide induces oxidative stress and impedes cell migration by suppressing Wnt pathway and Epithelial - Mesenchymal - Transition (EMT) in HCT-116 metastatic colorectal cancer cells. *International Journal of Research in Pharmaceutical Sciences*, 11 (SPL4), 2313-2323, JK Welfare & Pharmascope Foundation, <https://doi.org/10.26452/ijrps.v11iSPL4.4459> (**Non-Scopus**).
- (iv) Halder, S., Sarkar, M., Dey, S., Ghosh, P., Bhunia, SK., Bandyopadhyay, D., & **Giri, B.** (2020). Melatonin ameliorates heat stress induced dysregulation of testicular function in Wistar rat by restoring tissue health and antioxidant status. *International Journal of Life science and Pharma Research*, 10(5), 31-43, Chris Jayam Education and Research Trust, <http://dx.doi.org/10.22376/ijpbs/lpr.2020.10.5.L31-43> (**Non-Scopus**).

8. Workshop/training pursued:

Faculty	Name of the course	Status of course	Organized by	Dates and year
Dr. Sandeep Kumar Dash	e-Faculty development program cum Workshop on "Waste to Bioenergy"	National	Department of Life Sciences, School of Basic Sciences and Research, Sharda University, Uttar Pradesh and Department of Agriculture Engineering, Maharashtra institute of Technology, Aurangabad	June 28 and July 4, 2020.
Dr. Sandeep Kumar Dash	On-Line Subject Refresher Course - Human Rights (Open to all)	National	UGC Human Resource Development Centre, Aligarh Muslim University, Aligarh and obtained Grade- 'A'	3rd September to 18th September 2020
Dr. Sandeep Kumar Dash	"Earth and Environment Response during COVID-19 (Human Physiology)"	National	Department of Environmental Sciences, Savitribai Phule Pune University, Pune- 411007	11th July 2020 to 17th July 2020

9. NET/SET/GATE qualified:

Name of the examination	Number of candidates
NET	01
NET-JRF	01
GATE	01

10. Placement Details:

School Service	Staff Selection	Public service	College service	University	Banking	Others
—	—	—	—	—	—	01

11. Best practices of your department:

- (i) Research based publications in peer reviewed national and international journals.
- (ii) Eminent Visiting/Guest faculties in regular basis to cover some specialized topics of the curriculum.

3.20 POLITICAL SCIENCE DEPARTMENT

The Department of Political Science, University of Gour Banga is well-known for its highly effective faculty and ground-breaking research in the field. In 2012, with the help of approximately 70 Post- Graduate students, the Department was founded. The department's expansion has occurred at the same time that Political Science has broadened its scope beyond a study of institutions and law to encompass a wider range of social sciences, including economics, philosophy, culture, and society at large. This has allowed for a more relevant and effective examination of politics, with a particular emphasis on the Indian context. The department has been regularly organizing several Seminars and workshops and it also provides M. A. M. Phil., and Ph.D. degree programs. The Department is devoting its research efforts to the cross-disciplinary theme of political thought and theory, Democracy, Development, Gender, International relations, Public Administration, Political Sociology, Local Administration and Peace. It has been useful in linking traditional strengths across disciplines and subfields. Curriculum development within the Department of Political Science has made a significant contribution to the creation of domain knowledge. We dedicate ourselves in advancing academic research and educational practices that increase the livelihood of our students 'intellectual and social change, preparing them to become influential citizens who uphold the principles of social and gender justice and a citizenship.

1. Name of the Department: **Department of Political Science**
2. Year of establishment: **2012**
3. Programmes offered: **M.A. , M. Phil. & Ph.D.**
4. Examination System: **Semester System**

5. Faculty strength:

Professor	Associate Professor	Assistant Professor	Newly recruited in this year
01	01	03	—

6. Publications:

Number of articles published			Number of book published	Number of book chapters published	Total H-index	Total i-10 index
SCI journal	Scopus journal	Non Scopus journal	03	05	—	—
—	—	04				

Details of publications:

[A] Articles:

Dr. Badal Sarkar:

- (i) **Sarkar, Badal(2020).** Ambedkar's Vision of Dalit-Bahujan-Nationalism Vol.7, Issue 27, July to September, Shodh Sarita, ISSN:2348-2397, Govt. of India-RNI No.UPBIL/2014/56766, **UGC Approved CARE Listed Journal**
- (ii) **Sarkar, Badal(2020).** Political Philosophy of Lokmanya Bal Gangadhar Tilak: A Study of His Ideas of Nationalism, Vol. 10, Vol.10 Issue 39, July to September, Shodh Sanchar Bulletin, ISSN:2229-3620 Govt. of India-RNI No.UPBIL/2015/62096, **UGC Approved CARE Listed Journal**, An International, Peer Reviewed Refereed Research Journal.
- (iii) **Sarkar, Badal(2020).** Chakma Community and Challenges the Indian Security in the North-Eastern Region, Shodh Sarita, Vol.7, Issue 28, October to December, Govt. of India-RNI No.UPBIL/2014/56766, **UGC Approved CARE Listed Journal** ,ISSN: 2348-2397
- (iv) **Sarkar, Badal(2020).** Chakma Movement in Bangladesh: Towards Liberation. Shodh Sanchar Bulletin, Vol. 10, Vol.10, Issue 39, July to September 2020, Govt. of India-RNI No.UPBIL/2015/62096, **UGC Approved CARE Listed Journal** ISSN:2229-3620

Dr. Siddhartha Sankar Manna

- (i) **Manna, Siddhartha & Sankar Manna.** (2020). Indian Political Democracy: A Study, ENSEMBLE, Article Type: Review Article, Article Ref. No.: 200610184N1IYSA, UGC Care <https://doi.org/10.37948/ensemble-2021-0202-a024>.

[B] Book:

Professor Jitendra Sahoo

- (i) **Sahoo, J. & Datta K.**(2020) (Eds.). *Indian Federal System A COVID-19 Perspective*. Kunal Books, New Delhi, ISBN:978-93-89224-56-6

Dr. Badal Sarkar:

- (ii) Sarkar, Badal(2020). Public Administration: Theories, Approaches and Issues, Levant Books, ISBN: 978-93-88069-44-1
- (iii) Sarkar, Badal(2020). Indian Political Thought: Selected Thinkers, ANU Book, Delhi, Meerut, Glasgow(UK).

[C] Book Chapters:

Professor Jitendra Sahoo

- (i) **Sahoo, J.** (2018). Understanding the Centre-State Relations: Areas of Conflicts and Cooperation During Covid-19. In J. Sahoo & K. Datta (Eds.). *Indian Federal System A COVID-19 Perspective*(pp. 1-16). Kunal Books, New Delhi, ISBN:978-93-89224-56-6
- (ii) **Sahoo, J.** (2018). Covid-19 and Cooperative Federalism. In S.K. Verma.(Ed.).*Cooperative Federalism in India: Myth or Reality* (pp. 110-123). Victorious Publishers Delhi, ISBN: 978-93-87294-46-2

Dr. Badal Sarkar:

- (iii) **Sarkar, Badal** (2020). Doctrine of Chaturashamas as Yoga: A study on Karma and Dharma, in Dr. Pradip Debnath (ed.) *Teaching-Learning Excellence through Yoga: A psychosomatic Interaction*, Bharati Publications, New Delhi, ISBN: 978-81-949793-8-8, P.79-92.
- (iv) **Sarkar, Badal** (2020). Political Thought of M.K. Gandhi: An Overview, in **Badal Sarkar(ed.)** *Indian Political Thought: Selected Thinkers*, Anu Book, Delhi, UK(Glasgow), ISBN: 978-93-90115-18-1

7. Seminar/Conference Presentations:

Faculty	Title of the presented paper	Title of seminar	Status of seminar/ conference	Organized by	Dates and year
Professor Jitendra Sahoo	Paradigm Shifts in Teaching and Research in HEIs due to COVID-19	COVID-19: Issues, Challenges and Response of Higher Education Institutions in India	National Webinar As Resource Person	Department of Political Science & IQAC, Gobinda Prasad Mahavidyalaya, Bankura, West Bengal,	12 th -13 th July, 2020
Professor Jitendra Sahoo	Chaired a Technical Session	COVID-19 and Federal Stress: The Emergence of New Politics	National Webinar	Department of Political Science & IQAC, Jalangi Mahavidyalaya, Jalangi, Mursidabad, W.B.	18 th July, 2020
Professor Jitendra Sahoo	Understanding the Centre-State Relations: Areas of Conflicts and Cooperation during COVID-19	COVID-19 and Federal Stress: The Emergence of New Politics	National Webinar As Resource Person	Department of Political Science & IQAC, Jalangi Mahavidyalaya, Jalangi, Mursidabad, W.B.	19 th July, 2020
Professor Jitendra Sahoo	Chaired a Technical Session	COVID-19 and Federal Stress: The Emergence of New Politics	National Webinar	Department of Political Science & IQAC, Jalangi Mahavidyalaya, Jalangi, Mursidabad, W.B.	19 th July, 2020
Professor Jitendra Sahoo	New Pandemic: Emerging Challenges and Opportunities to Governance	New Pandemic: Emerging Challenges and Opportunities to Governance	National Webinar As Resource Person	Centre for South East Asian Studies & Dept. of Political Science, Gauhati University, Guwahati, Assam	23 rd July, 2020

Professor Jitendra Sahoo	COVID-19 and Indian Democracy	COVID-19 and Indian Democracy	National Webinar As Keynote Speaker	Department of Political Science & IQAC ,Bijni College, Bijni, Assam	28-29, August, 2020
Professor Jitendra Sahoo	Ethics for New Normal	Higher Education in the Covid Era: Challenges and Opportunities	International Webinar Resource Person	School of Governance and Public Affairs(SGPA), XIM University, Bhubaneswar, Odisha,	17 th June, 2021
Dr. Badal Sarkar	Environmental Crisis: Issues, Challenges, Portrayals & Laws,	Swachh Bharat Abhiyan: Achievement and Challenges for Health	International	Manikchak College, Malda	February 14, 2020 Friday
Dr. Badal Sarkar	Nation State and Nation-Building in India	Problems of Nation-Building in India	National	Pakuahat Degree College, Department of Political Science	17 th January , 2020
Dr. Badal Sarkar	'The Present Corona Crisis and Its Probable Impact on the Eco-political Scenario of India'	Impact of Corona Virus in World Politics	National	Department of Political Science, Malda College and Chandidas College	21 May, 2020
Dr. Badal Sarkar	The Dawn of A New International Order: Covid-19 and Aftermath,	"Impact of COVID-19 in International Politics	International	Department of Political Science, UGB	8 th June, 2020
Dr. Badal Sarkar	South Asia Beyond Covid-19: Challenges And Opportunities	Geopolitics Approach on Corona Virus	International	Prabhat Kumar College, Contai	June 18, 2020.

Dr. Badal Sarkar	Survival Strategies for Covid-19 Crisis in India in Respect of Economy, Finance and Education,	Geo-economics and Geopolitics in post Covid-19 Era	International	Egra SaradaSgashi Bhusan College, &Belda College, Department of Commerce	13 th &14 th June, 2020
Dr. Siddhartha Sankar Manna	Impact of Corona Virus on State and Society in India	One Day International Webinar	Department of Political Science University of Gour Banga Malda, West Bengal	8 th June 2020	
Shri Ayan Das	International Political Economic perspective of International Cooperation in the era of COVID- 19	COVID-19: Emergence and Resurgence of Communicable Diseases From Social Sciences Perspectives	International online Conference	School of Social Sciences & Humanities, University of Science & Technology, Meghalaya, India in collaboration with the RC12 of the Indian Sociological Society; Dept. of Humanities & Social Sciences, IIT-Guwahati; Dept. of Anthropology, University of Delhi; FLAIR-Delhi & TRIBAC-Agartala	21–22 July, 2020
Shri Ayan Das	The Corona Clamor: Considerations of Political Economy and Public Policy addressing Concerns of Domestic Migrant Laborers	COVID-19: Impact on Society, Education, and Economy	National Webinar	School of Professional Studies, Netaji Subhas Open University, Kolkata, West Bengal, India.	August 12, 2020

Shri Ayan Das	How to identify a populist political party? Is populism a threat to capitalism or is it a tactical process of capitalist expansion and its legitimacy?	CAPPE conference on Democracy and/or Populism: Exclusion, Equality, and Disagreement	International Level Online Conference	University of Brighton, United Kingdom	January 18 th to January 23 rd , 2021
Shri Ayan Das	Populism and Governance: A Study of the Left Front (1977–1982) and the Trinamool Congress (2011–2016) Regimes in West Bengal, India	Second Helsinki Conference on Emotions, Populism, and Polarization (HEPP2), organized by Helsinki University, Finland	International Level Online Conference	Helsinki University, Finland	May 5–8, 2021
Shri Ayan Das	Populism as Alterity: A Study of Two Political Parties in West Bengal, India	SANR-South Asia Across the Nordic Region-Asian Dynamics Initiative-Authoritarian Populism in South Asia	International Level Online Conference	University of Copenhagen, Denmark	May 27 th to May 28 th , 2021
Shri Ayan Das	Populism and Governance: A Study of West Bengal Politics from 1975 to 2016	Global Populism and Governance Special Issue Conference	International Level Online Conference	Institute for Global Public Policy, Fudan University, and LSE-Fudan Research Centre, China	June 26 th and 27 th , 2021

8. Workshop/training pursued:

Faculty	Name of the course	Status of course	Organized by	Dates and year
Dr. Siddhartha Sankar Manna	Two Weeks Faculty Development Programme on 'Advanced Concepts for Developing MOOCS' (02 July- 17 July 2020)	Successfully completed and Obtained Grade A	Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching	(02 July- 17 July 2020)
Dr Siddhartha Sankar Manna	UGC-Human Resource Development Centre	Refresher Course	University of Hyderabad, Hyderabad-500046	21 st July – 3 rd August 2020
Shri Ayan Das	Methodology of Research in Social Sciences: Latest Innovations	Participated in a 7-Day International Level Faculty Development Program (FDP)	Department of Education in association with the Internal Quality Assurance Cell, Mrinalini Datta Mahavidyalaya, Kolkata, in collaboration with the Faculty Development Centre, Mizoram University, Aizawl and Department of Education, Jadavpur University, Kolkata, India.	July 25- July 31, 2020 (7 days)

9. Best practices of your department:

- (i) Regular classes with students doubt clarification
- (ii) Remedial/Tutorial classes
- (iii) Classes for NET/SET & other competitive examinations

3.21 SANSKRIT DEPARTMENT

The Department of Sanskrit has started its journey in the University of Gour Banga from the year 2008. It has five full time teachers and currently enlists hundred students in each semester. Now the Department is running with two special groups in 4th semester (e.g. Kavya & Veda).

1. Name of the Department: **Department of Sanskrit**
2. Year of establishment: **2008**
3. Programmes offered: **M.A. , M.Phil. & Ph.D.**
4. Examination System: **Semester System**
5. Faculty strength:

Professor	Associate Professor	Assistant Professor	Newly recruited in this year
01	—	04	—

6. Ph.D. Pursuing and Awarded:

Ph.D. enrolled (with JRF)	Ph.D. enrolled (without JRF)	Ph.D. awarded (with JRF)	Ph.D. awarded (without JRF)
06	08	—	04

7. Publications:

Number of articles published			Number of book published	Number of book chapters published	Total H- index	Total i- 10 index
SCI journal	Scopus journal	Non Scopus journal	03	05	—	—
—	—	04				

Details of publications

[A] Articles:

- (i) **Sen, S.** (2020). ‘Rasa Theory with special reference to Nāṭyaśāstra’, ‘Anvikṣā’, (Departmental Refereed Research Journal, Jadavpur University, Kolkata,) Referred, (Vol-XLI, Part: I), ISSN 0587-1646. pp 142-153.
- (ii) **Sen, S.** (2020). ‘Saṃskṛtālamkāraśāstre Pratibhāsitaṃ Samāyajīvanam’, ‘Anvikṣā’, (Departmental Refereed Research Journal, Jadavpur University, Kolkata,) Referred, (Vol-XLI, Part: III), 2020, ISSN 0587-1646. pp 95-103
- (iii) **Sen, S.** (2020). ‘The Relevant of Sanskrit Studies in World Civilization’, ‘Saṃskṛtacintanam’ (Vol. III), (Peer Reviewed International Research Journal of Ramakrishna Mission Sikshan Mandira, Kolkata), 2021, ISSN 2393-8641.
- (iv) **Chaudhury, A** (2021). Pāṇinīya dhātupāṭha o kṣīrasvāmīkṛta kṣīrataraṅgiṇīra tulanāmūlaka paryālocanā, Śodhanidhi Vol. 4, Peer Reviewed Annual Research Journal of the Dept. of Sanskrit, UGB, pp- 72-80

[B] Book:

- (i) **Bhattacharya, C & Das, M C** (2021). Śodhanidhi, Vol. 4, Peer Reviewed Annual Research Journal of the Dept. of Sanskrit, UGB, pp 177.
- (ii) **Raut, D, Sen, S. & Gangopadhyay, B.** (2021). ‘Śāstramandākinī’ (Vol. I) (Double Peer-reviewed Book), Reference Book, ISBN 978-81-950125-1-0, Shivalika Prakashan, Delhi, pp 560
- (iii) **Nanda, B, Sen, S. & Gangopadhyay, B.** (2021). ‘Śāstramandākinī’ (Vol. II) (Double Peer-reviewed Book), Reference Book, ISBN 978-93-5506-159-1, HSRA Publications, Bangaluru, pp 600

[C] Book Chapters:

- (i) **Bhattacharya, C.** (2021). ‘Bhāratatattvavid O Vahubhāṣāvid William Carey: Kichu kathā’, Influence of Sanskrit on Bengali and other Indian language and literature, p. 13-18.
- (ii) **Sen, S.** (2020). ‘Modern Indian Polity in the light of the polity in Mahabharata’, Ancient Indian Polity and Democratic System of Modern India : An Interface’, by Lokesh Mondal and Koushik Roy (Editors), Shailajananda Falguni Smriti Mahavidyalaya & Chandidasa Mahavidyalaya, 2020, The Ducca Publisher, Kolkata, ISBN: 978-93-84054-38-0.

- (iii) **Sen, S.** (2020). ‘Viśva atimārira saṃkramaṇa niyantraṇe kichu prācīna śāstrīya vidhāna’, edited by Dr. Asimkumar Sarkar & Susmita Som, a book entitled ‘karonāra kathakatā Navya Svābhāvikatāra Jīvana Rekha’, published by Gour Mahavidyalaya & Sopan, Kolkata, 2020, ISBN: 978-93-90717-67-5.
- (iv) **Pavin, H** (2021). ‘Mammatācāryābhīmatō Vācakatvavivekaḥ’, Śāstramandākinī’ (Vol . II) (Double Peer-reviewed Book), Reference Book, ISBN 978-93-5506-159-1, HSRA Publications, Bangaluru, pp-234-241
- (v) **Chaudhury, A (2020).** ‘Vyakaran Sastre Katipay Dhatu Dhatwatha Baisadrishya-Ekti Alochona’. Bharatiya Bhasha O Sahitye Snskriter Probhaha, Reference Book, ISBN: 978-81-944553-1-8, Ananya Prakashani.

8. Seminar / Conference Presentations:

Faculty	Title of the presented paper	Title of seminar	Status of seminar/ conference	Organized by	Dates and year
Bhattacharyya, C	Nīti-ādarśaparamparārmūlamantra ‘Vasudhaivakutumbakam’	Vasudhaivakutumbakam: its relevance in present context	National Level	Manikchak College, Malda	06.07.20
Bhattacharyya, C	ICPR sponsored World Philosophy Day	Pātañjalayogadarśanānusāraṃkriyāyogasya avartamānasamayaprāsaṃgikatā	National Level	Srikrishna College, Na	07/07/2020
Bhattacharyya, C	Indian Culture and Wisdom as Reflected in Vedas and Upanishads	Svetāsvatāroponisado kta Sāṃkhyayogādarśanertatvasamīkṣā,	State Level	ChittaMahata Memorial Collge, Purulia.	12/07/20
Bhattacharyya, C	Life management vs Pandemic situation: contain and context in Sanskrit Literature	Life management and Indian Philosophy: Context of Pandemic situation	National Seminar	Malda College	17/08/2020
Bhattacharyya, C	Moderator, Puruṣārtha in Indian Philosophy	Moderator, Puruṣārtha in Indian Philosophy	National Level	Ud-ayanatha Auto nomus College of Science and Technology, Cuttack,	10/09/2020

Bhattacharyya, C	Logical beauty of Indian Philosophical system, Poetic and Logical beauty of Sanskrit śāstras	‘Poetic and Logical Beauty in Sanskrit Shastras : An Overview’,	National Webinar	Nathainal Murmu Memorial College	25/09/2020
Bhattacharyya, C	Studies in Yogadarsana to present context,	Importance of Sāṃkhya-yoga Philosophy to present pandemic situation	State Level	Sagar College, D/24 Pargan	28/09/20
Das, M C	Concept of Viniyoga of Mantras in Vedic Sacrifice: An Outlook	Special Lecture	State Level	Jamini Majumder Memorial College	04/02/20
Das, M C	Astam Garbha : Puran o Bastobatar tatvik o byabaharik hindu bangalir jibaner patakatha (in Bengali)	Influence of Sanskrit on Bengali and other Indian Languages and Literatures (Seminar)	International	Chanchal College	28/02/20
Das, M C	Sastra o tar Adhikai : Vaidic yug theke suru kore Adhunik Siksyabyabastha parjanta itihaser patakatha	- Sastra Adhikari ebong Vartaman Sikshabyabastha - (Webinar)	State Level	Guskara College	04/09/20
Sen, S	‘Saṃskṛtakāvy aśāstre lakṣaṇāvimarśaḥ’	‘Śāstreṣu Śabdvr̥ttivimarśaḥ’	Inter-national Seminar	Dept of Sanskrit, CBPBU	25-08-2020 to 29-08-2020.
Sen, S	‘Life Management Vs Pandemic Situation: Contain and Context in Sanskrit Literature’	Life management and Indian Philosophy: Context of Pandemic situation	National Seminar	Malda College,	17-18/08/ 2020

Sen, S	‘Bhāratavarṣe Arvācīnaśaṃs kṛtasāhityasya Vivartanam - Ekam Pariśīlanam’	‘Bhārate ādhunikasaṃskṛtasāhi tyacarcā’	National Seminar	Sabang Salanikanta Mahavidyalaya, Paschim Midnapur,	15/09/20
Sen, S	‘Status of Contemporary Sanskrit Literature: A Bird’s eye view’	‘Recent Trends of Contemporary Sanskrit Literature’,	International	Sripat Singh College Murshidabad,	19-20/09/20
Sen, S	‘Poetic Beauty in Sanskrit Poetics : A Bird’s eye view’	‘Poetic and Logical Beauty in Sanskrit Shastras : An Overview’,	National	Nathainal Murmu Memorial College, D/Dinajpur	25/09/20
Sen, S	‘Concept of Post-modernism in Contemporary Sanskrit Literature’	Young Sanskrit Writer’s meet, (Weblite Literature Series)	National Level	Sahitya Akademi, New Delhi	13/11/20

9. NET/SET/GATE qualified:

Name of the examination	Number of candidates
NET	05
NET-JRF	02
SET	04

10. Best practices of your department:

- Bishnupada Bhattacharyya Memorial Lecture has organised in every year from 2016 onwards.
- Anantalal Thakur Memorial Lecture has organised in every year from 2016 onwards.
- Promotion of Sanskrit Language, culture and literature.

3.22 SOCIOLOGY DEPARTMENT

The Department of Sociology began in the year 2012 with the initiation of M.A programme in Sociology. It is a two year programme consisting of four semesters. At present three permanent faculty members are running the Department. Visiting faculties from distinguished universities in India are also invited to deliver lecture series in the Department. The course is designed to provide the students with the contemporary debates and developments in the field of Sociology.

- Name of the Department: **Department of Sociology**
- Year of establishment: **2012**
- Programmes offered: **M.A. , M.Phil & Ph.D.**

4. Examination System: **Semester System**

5. Faculty strength:

Professor	Associate Professor	Assistant Professor	Newly recruited in this year
—	—	03	—

6. Ph.D. Pursuing and Awarded:

Ph.D. enrolled (with JRF)	Ph.D. enrolled (without JRF)	Ph.D. awarded (with JRF)	Ph.D. awarded (without JRF)
—	06	—	—

7. Publications:

Number of articles published			Number of book published	Number of book chapters published	Total H-index	Total i-10 index
SCI journal	Scopus journal	Non Scopus journal	—	—	—	—
03	—	01				

8. Details of publications:

Dr. Sudarshaana Sen

- (i) Reviewing Methods Studying Violence in Women's 'Everyday', *Sociological Bulletin*, January 27, 2020. <https://doi.org/10.1177/0038022919899019>
- (ii) 'Redefining the Contours: A Survey on the new methods used in social sciences', *Social Trends*, Vol. 7, 31 March, 2020, ISSN: 2348-6538
- (iii) Decoding the Anglo-Indian Woman: Discourses on Rape and Victimhood in Social Trends 2021, Vol 8 No. 1 ISSN: 2348-6538
- (iv) Census of India and Disappearance of a Minority Community, in Indian Journal of Landscape Systems and Ecological Studies, Institute of Landscape, Ecology and Ekistics, Journal Volume 44 (Special Vol. on Population and Habitats, Vol 1: Demography and Health), No 1, June 2021

9. Seminar/Conference Presentations:

Dr. Anindya Bhattacharyya

- (i) 'Phenomenology of Alfred Schutz: the notion of Multiplicity and Mutuality' at Shree Agrasen Mahavidyalaya, Dalkhola, organized by Department of Sociology and IQAC, on 2 May 2021 (online).

Dr. Sudarshana Sen

- (ii) 'An Anthology of the Domestic Workers of Kolkata' in Interdisciplinary International Webinar 2021 on 'Women in Globalized World', Sub theme: Women and Society, on 28-30 August 2021

10. Workshop/training pursued:

Faculty	Name of the course	Status of course	Organized by	Dates and year
Dr. Sudarshana Sen	Refresher Course	Refresher Course in Research methodology	HRDC, Hyderabad Central University	5 August to 19 August 2020

11. Academic events (special talk/seminar/workshop etc.) organized by the department:

Type of Programme organized	Date	Theme	Name of the renowned resource persons
Webinar	9 March 2021	‘Women’s Love’	Prof. Aparna Bandopadhyay, Department of History, Diamond Harbour Women’s University

12. NET/SET/GATE qualified:

Name of the examination	Number of candidates
NET	03
SET	01

13. Placement Details:

School Service	Staff Selection	Public service	College service	University	Banking	Others
—	—	01	—	—	—	—

3.23 ZOOLOGY DEPARTMENT

The Department of Zoology of this University started its journey from 2012 with three faculty members, Dr. Shyamapada Mandal, Dr. Kaushik Chakraborty and Mr. Subhrajyoti Roy. The development and establishment of the Department, with its all mechanisms, is progressive and plan wise, with a view to establish outstanding academic vibes at all the levels: teaching as well as research. This Department is equipped with some modern instruments for PG and Ph D. It is a great pleasure to say that one of the faculty members of this department (Professor Shyamapada Mandal) is featured as World top 2% scientist list of Stanford University in consecutive two years (2019 to 2021). Zoology study is to perform experimental project works with their study in special papers: Microbiology, Immunology, Parasitology, vector Biology, Nanobiotechnology, and Molecular biology and genetics, some of the outcome of which have already been published in scientific journals of repute.

1. Name of the Department: **Department of Zoology**
2. Year of establishment: **2008**
3. Programmes offered: **M.A. & Ph.D.**

4. Examination System: **Semester System**

5. Faculty strength:

Professor	Associate Professor	Assistant Professor	Newly recruited in this year
01	—	04	—

6. Ph.D. Pursuing and Awarded:

Ph.D. enrolled (with JRF)	Ph.D. enrolled (without JRF)	Ph.D. awarded (with JRF)	Ph.D. awarded (without JRF)
02	08	—	02

7. Honours/Distinctions:

Name of the Faculty	Honour	From Where	Date
Prof. Shyamapada Mandal	World's Top 2% Scientists, 2020 (Version 2: Authors_singleyr_2019)	Stanford University	08-10-2021

8. Publications:

Number of articles published			Number of book published	Number of book chapters published	Total H-index	Total i-10 index
SCI journal	Scopus journal	Non Scopus journal	—	02	—	—
01	—	10				

Details of publications:

[A] Articles:

- (i) Mandal, M., & Mandal, S. (2020). Early phasic containment of covid-19 in substantially affected states of india. Journal of Drug Delivery and Therapeutics, 10(4-s), 31–33. <https://doi.org/10.22270/jddt.v10i4-s.4284> (ISSN: 2250-1177; Society of Pharmaceutical Tecnocrats)
- (ii) Mandal, M., & Mandal, S. (2020). Computational approaches towards micro-rna expression analysis for identification of biomarkers in inflammatory bowel disease subtypes. International Journal of Clinical and Experimental Physiology, 7(3), 100–106. <https://doi.org/10.5530/ijcep.2020.7.3.25> (ISSN: 2348-8832; e:2348-8093; Wolters Kluwer - Medknow).
- (iii) Mandal, M., & Mandal, S. (2020). Estimating global case fatality rate of coronavirus disease 2019 (COVID-19) pandemic. International Journal of Clinical Microbiology and Biochemical Technology, 3(1), 036–039. <https://doi.org/10.29328/journal.ijcmbt.1001014> (E-ISSN:2766-3264; HSPI)

- (iv) Sikdar, S., Roy, S., Banu, T.N., Mondal, M.A., & Mandal, S. (2020). Phytochemical analysis and antibacterial property assessment of helencha (*Enhydra fluctuans*; family: Asteraceae) extracts. *GSC Biological and Pharmaceutical Sciences*, 12(2), 136–142. <https://doi.org/10.30574/gscbps.2020.12.2.0252> (eISSN: 2581-3250; Global Scholarly communication)
- (v) Mandal A, Mandal S, Chatterjee S (2020) Case Representation and Occurrence of Lymphatic Filariasis in two Blocks of Purulia District (West Bengal, India). *American Research Journal of Biosciences* 6:1–3. <https://doi.org/10.21694/2379-7959.20001> (ISSN (Online)- 2379-7959; American Research Journals)
- (vi) Mandal, M., & Mandal, S. (2021). Bioinformatic approaches for identification of potential repurposable drugs in covid-19. *Journal of Drug Delivery and Therapeutics*, 11(1), 13–22. <https://doi.org/10.22270/jddt.v11i1.4472> (ISSN: 2250-1177; Society of Pharmaceutical Tecnocrats)
- (vii) Mandal, M., & Mandal, S. (2021). Detection of transmission change points during unlock-3 and unlock-4 measures controlling COVID-19 in India. *Journal of Drug Delivery and Therapeutics*, 11(2), 76–86. <https://doi.org/10.22270/jddt.v11i2.4600> (ISSN: 2250-1177; Society of Pharmaceutical Tecnocrats)
- (viii) Halder, D., & Mandal, S. (2021). Highlights on the usefulness of probiotic lactobacilli: A review based study. *International Journal of Science and Healthcare Research*, 6(1), 157–162. https://ijshr.com/IJSHR_Vol.6_Issue.1_Jan2021/IJSHR-Abstract.026.html (ISSN: 2455-7587; GKP Publications)
- (ix) Sircar, B., & Mandal, S. (2021). Highlights on the alternatives to antibiotic therapy against bacterial infection. *Journal of Drug Delivery and Therapeutics*, 11(2), 194–203. <https://doi.org/10.22270/jddt.v11i2.4596> (ISSN: 2250-1177; Society of Pharmaceutical Tecnocrats)
- (x) Roy, S., and Chaudhuri TK., (2020). A comprehensive review on the pharmacological properties of *Diplazium esculentum*, an edible fern. *Journal of Pharmaceutics and Pharmacology Research* 3(1); DOI: 10.31579/2693-7247/014 (ISSN: 2693-7247)
- (xi) Rawani, A. (2021). Efficacy of *Callistemon viminalis* leaf extract against filarial vector *Culex quinquefasciatus* Say. *Zeichen Journal*, 7(4), 241-254.

[B] Book Chapters:

- (i) Mandal, S., Rigopoulou, E. I., Mandal, M., & Bogdanos, D. P. (2020). Immunity of parasitic infections of the liver. In M. E. Gershwin, J. M. Vierling, A. Tanaka, & M. P. Manns (Eds.), *Liver Immunology* (pp. 197–209). Springer International Publishing. https://doi.org/10.1007/978-3-030-51709-0_13 (Print: 978-3-030-51708-3; Online: ISBN978-3-030-51709-0).

- (ii) Rawani, A. (2020). Role of ICT in Higher Education: A Futuristic Blueprint of Advance Education in India. In M. Singh, D. Kumar, (Eds.), Higher Education in Pandemic Era (pp. 8–19). Twentyfirst Century Publications, Patiala. ISBN: 978-93-90154.

9. Research Projects:

S. No.	Name of the Investigator	Project No. With date	Funding Agency	Title of the project and duration(Start and end date	Amount sanctioned	Status
1	Dr. Manoj Lama	ECR/2026/001869 Dated: 24.03.2017	SERB	Evaluation of HLA-G Gene Polymorphisms in Rheumatoid Arthritis	45,24,960.00	Completed

10. Seminar/Conference Presentations:

Faculty	Title of the presented paper	Title of seminar	Status of seminar/conference	Organized by	Dates and year
Prof. Shyamapada Mandal	Indigenous probiotic lactobacilli in combating bacterial infection - The insights	Infectious Diseases Virtual (2nd Edition)	International	Magnus group conferences , USA	August 18-19, 2020
Prof. Shyamapada Mandal	Can phytotherapeutics combat COVID-19 global pandemic?	International Online Conference on Holistic Approach to Immunity to Microbial Diseases and their Treatment - (HMDT 2020)	International	Mahatma Gandhi University, Kottayam, India	September 12-13, 2020

Prof. Shyamapada Mandal	Indigenous lactobacilli: probiotic features, safety profiling and antagonistic property against human pathogenic bacteria	Online Conference on Infectious Diseases	International	Inovine conferences , USA	September 21-22, 2020
Prof. Shyamapada Mandal	Probiotic lactobacilli and their bacteriocin combined with antibiotics display synergy against MDR pathogenic bacteria	3rd International Conference on Microbiology and Infectious Diseases , Webinar	International	Pulsus group, Windsor, Berkshire	September 23, 2020,
Prof. Shyamapada Mandal	Fighting COVID-19 global pandemic with biotherapeutics - The insights	Infectious Diseases Virtual (3rd Edition)	International	Magnus group conferences , USA	September 24, 2020
Prof. Shyamapada Mandal	Chemistry of honey and its medicinal values in wound infections	Webinar on Plastic-surgery	International	Meetings international, 05 Red Dot Traffic, Singapore	October 10, 2020
Prof. Shyamapada Mandal	Probiotic health benefits: role in cosmetics and plastic surgery; October 10, 2020	Webinar on Plastic-surgery	International	Meetings international, 05 Red Dot Traffic, Singapore	October 10, 2020
Prof. Shyamapada Mandal	Repurposing of drugs for COVID-19 therapy and the vaccines status	Precision Medicine Virtual 2020	International	Magnus group conferences , USA	October 19-20, 2020

Prof. Shyamapada Mandal	The Coronavirus Disease 2019 (COVID-19) Global Pandemic: Health and Environmental Issues	Online international conference on Impact of COVID-19 on Society, Economics and Education (ICSEE-2020)	International	International Research and Development Centre for Publication, India	October 13-14, 2020
Prof. Shyamapada Mandal	COVID-19 global pandemic and mental disorders versus naturotherapy- The insights	Webinar on psychiatric Disorders and Mental Health	International	Meetings international, 05 Red Dot Traffic, Singapore	October 26th, 2020
Prof. Shyamapada Mandal	Perspectives to the cultural diversity in multi-linguistic India	International Conference on Language, Literature and Cultural Study (LLCS-2020)	International	International Research and Development Center for Publication, India	October 29-30, 2020
Prof. Shyamapada Mandal	Probiotics and prebiotics: Insights into health promotion and disease prevention	Global Virtual Summit on Healthcare & Management (Healthcare Summit 2020)	International	Mind Authors Inc., New Castle, USA	November 06-07, 2020
Prof. Shyamapada Mandal	Biotherapeutics of bacterial biofilm induced dental diseases and oral infection— Perspectives	Dental Congress 2020 (Webinar)	International	Boffin Access Limited London, UK.	November 11, 2020
Prof. Shyamapada Mandal	Bioinformatic approaches on differential gene expression in scrub typhus compared to some other acute febrile infections	Biotechnology Virtual 2020 Webinar	International	Magnus group conferences , USA	November 16-17, 2020.

Prof. Shyamapada Mandal	Therapeutic aspects of bacterial biofilm on tooth and associated dental diseases	Global Virtual Summit on Biotechnology and Bioengineering 2020	International	Mind Authors conference, USA	November 18-19, 2020
Prof. Shyamapada Mandal	COVID-19 and SARS-CoV-2: molecular epidemiology, pathophysiology, diagnosis and preventive-curative regimen	Infectious Diseases Virtual 2020 ((2 nd Edition)	International	Magnus group conferences , USA	November 19-20, 2020
Prof. Shyamapada Mandal	Exploring the multiple antibiotic resistance of potential human pathogenic bacteria from aquatic systems: a local action of global concern	11th International Conference on Emerging Infectious Diseases, Webinar	International	Conference series London, UK	November 24, 2020
Prof. Shyamapada Mandal	Insights into the safety and efficacy of probiotics therapy in Pediatric Diseases	Webinar on Women health and Child care	International	Meetings international, 05 Red Dot Traffic, Singapore	November 24, 2020
Prof. Shyamapada Mandal	Insights into the chromatographic and DNA based molecular approaches in forensic entomology	International Webinar on Forensic Research and Toxicology	International	Conference Mind, India	November 25-27, 2020
Prof. Shyamapada Mandal	Can probiotics be used in the treatment of neuropsychological disorders?	Webinar on Addiction & Psychology	International	Coalesce Research Group, SC 29607, USA	December 07-08, 2020

Prof. Shyamapada Mandal	Honey: Insights into Health Promotion and Disease Prevention	International E-Conference on Nutrition and Food Science	International	United Research Forum (Connect with Research World), London, UK	December 09-10, 2020
Prof. Shyamapada Mandal	Therapeutics of Cancer in COVID-19 Therapy: The Insight	International Conference on Traditional Medicine & Cancer Research and Therapy (Webinar)	International	Impact conferences , North Caroline, USA	December 10, 2020
Prof. Shyamapada Mandal	The Covid-19 On-going Pandemic: Diagnostics and Therapeutics	Webinar on Biotechnology and Research	International	Phronesis Researchers World, USA	January 27-28, 2021
Prof. Shyamapada Mandal	Can probiotics combat COVID - 19 ongoing pandemic?	2nd Webinar on Infectious Diseases	International	Coalesce Research Group, USA	February 26, 2021
Prof. Shyamapada Mandal	Exploring The Covid - 19 Neurological Complications Compared to Alzheimer's and Parkinson's Diseases and Possible Biotherapy	Webinar on Neurology and Brain Disorders	International	Phronesis Researchers World LLC, USA	March 17-18, 2021
Prof. Shyamapada Mandal	Bacteriocin producing <i>Lactobacillus fermentum</i> LMEM22 strain with probiotic potentiality	Global Webinar on Clinical & Medical Microbiology	International	Coalesce Research Group, USA	March 19 - 20, 2021
Prof. Shyamapada Mandal	Perspectives to the COVID-19 immunopathology and vaccine status	Global Webinar on Immunology	International	Global Scientific Guild, India	March 29-30, 2021

Prof. Shyamapada Mandal	Molecular docking and ADMET studies to explore the antiviral efficacy of <i>Terminalia chebula</i> bioactive compounds against SARS-CoV-2 druggable targets	International E-Conference on Public Health	International	United research Forum, London	April 19-20, 2021
Prof. Shyamapada Mandal	Perspectives to the effectiveness of psychobiotics on mental health and neurological conditions during COVID-19 pandemic	2nd Global Virtual Summit on Biotechnology and Bioengineering	International	Mind Authors Scientific Conference s, USA	April 22, 2021
Prof. Shyamapada Mandal	Molecular docking revealed the inhibitory property of bacteriocin against SARS-CoV-2 target proteins	2nd International Webinar on Vaccines and Immunology	International	Coalesce Research Group, USA	May 10, 2021
Prof. Shyamapada Mandal	Insights in to The Antiviral Efficacy of Niclosamide, Cocculline and Ellagic Acid Compared to Remdesivir Against SARS-Cov-2 by Molecular Docking	International Webinar on Clinical and Pharmaceutical Microbiology	International	Magnus Corpus Conference s, Armenia	May 19-21, 2021

Prof. Shyamapada Mandal	Molecular docking to explore the inhibition of LecB (PA-LII) protein by bioactive phytochemicals, bacteriocins and antibiotics against <i>Pseudomonas aeruginosa</i>	Webinar on TRADITIONAL & ALTERNATIVE MEDICINE	International	Coalesce Research Group, USA	May 24-25, 2021
Prof. Shyamapada Mandal	Exploring the possible phytochemical treatment of black fungus by ADMET profiling and molecular docking study targeting rhizopuspepsin and lipase from <i>Rhizopus microsporus</i>	17th World Congress on Infection Prevention and Control (Webinar)	International	Conference series.com, London (Conference series LLC Ltd., UK)	June 07, 2021
Prof. Shyamapada Mandal	Inhibition of parkinsons disease associated protein hCOMT by <i>Bacopa monnieri</i> bioactive compounds-in silico approaches through molecular docking, dynamic simulation and ADMET profiling	11th International Conference on Geriatrics, Gerontology & Elderly Care (Webinar)	International	Conference series.com, London (Conference series LLC Ltd., UK)	June 07, 2021

Dr. Anjali Rawani	Mosquito larvicidal and antimicrobial activity of synthesized nano-crystalline silver particles using leaves and green berry extract of <i>Solanum nigrum</i> L	International webinar on World Environment Day, 2021	International	Voice of Indian Concern for the Environment in association with phycospectrum Environment Research Centre	5 th June, 2021
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11. Workshop/training pursued:

Faculty	Name of the course	Status of course	Organized by	Dates and year
Dr. Mitali Das	Short term course in cyber security	UGC sponsored	HRDC, Jawaharlal Nehru University, Delhi	21-26 th September, 2020
Dr. Mitali Das	Refresher course in Life Sciences	UGC sponsored	HRDC, University of North Bengal, Darjeeling	3-16 th March, 2021
Dr. Anjali Rawani	21 Days National Training Course (NTC 2021 on "Recent Advances in Fisheries & Aquaculture Technology for Sustainable Rural Developmen	National	West Bengal University of Animal & Fishery Sciences (WBUAFS) Kolkata, West Bengal & National Agriculture Development Cooperative Ltd. (NADCL) Baramulla, UT of J & K	May 18 to June 7, 2021

12. Best practices of your department:

- Students are motivated to participate in seminar, sports, and other programmes organized by the NSS unit of the Institution.
- In Semester-IV, the post graduate students are provided with the opportunity to carry out small scale research in the form of dissertation in the specific area of specialization (elective course).
- Teachers use ICT tools (LCDs projectors, computers, etc.) in teaching and recommend the reference books to the students.

13. Other Significant Information:

Not even a single case of ragging in the last one decade. There is a satisfactory teacher-student bond.

Editorial & Design Team:

The Annual Report (2020–2021) is published by the Registrar, University of Gour Banga,
Malda – 732 103, West Bengal, India.

Contact Details: Phone: 03512–223664, Fax: 03512–2233568
e-mail: registrar@ubg.ac.in