

THE UNIVERSITY OF BURDWAN



2022-23



The annals of education witnessed a phenomenal leap with the inception of the University of Burdwan in Burdwan. It is one of the premier institutes of higher learning in eastern region of India and rendering services to cater the needs of the students.

In the present global scenario, in the era of acute competition & diversification, the University strives to provide its students with quality education so that they would be properly equipped to prove their worth in different productive occupations in the society.

Foundation : The University of Burdwan was established on 15th June, 1960 by the West Bengal Act XXIX of 1959 as a teaching and affiliating University with six P.G. Departments & thirty undergraduate colleges spread over five districts that came under the jurisdiction of the University. Continuous efforts are being taken to incorporate the latest developments in different disciplines in the present global scenario.

Postal Address : The University of Burdwan
B. C. Road, P.O. Rajbati, 713104
Dist. Burdwan, West Bengal

University (EPABX) : Rajbati Campus : (0342) 2534975
Golapbag Campus : (0342) 2656549, 2656566, 2558554
Kolkata Campus : 033-23219916

Fax : (091)(0342) 2634200

e-mail : vc@buruniv.ac.in
registrar@buruniv.ac.in

Website : <http://www.buruniv.ac.in>

Chancellor : Governor of West Bengal

Vice-Chancellor : Prof Nimai Chandra Saha

Pro-Vice-Chancellor : Dr A.K.Panigrahi

Registrar : Dr. Sujit Kr. Chowdhury

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Part II

Academic Departments

[Arts : Arabic, Bengali, Business Administration, commerce, Economics, English, Foreign Languages, Hindi, History, Law, Library & Inf.sc, Mass com, Philosoph, Po.sc, Sanskrit Sociology]

[Science: Biotechnology, Botany, chemistry, computer sc, Environmental Sc, Geography, Mathematics, Physics, statistics, Usic, Zoology]

Part III

INTERNAL QUALITY ASSURANCE CELL (IQAC)

OUTCOME BASED EDUCATION (OBE)

CDOE

CENTRAL LIBRARY

RURAL TECHNOLOGY CENTRE (RTC)

MEGHNAD SAHA PLANETARIUM

NATIONAL SERVICE SCHEME

NAD DIGI LOCKER

LIFE LONG LEARNING

UNIVERSITY SPORTS BOARD

SWAMI VIVEKANANDA ADVANCE RESEARCH CENTRE

MALAVIYA MISSION TEACHER TRAINING CENTRE (MMTTC)

PLACEMENT & SOCIAL WELFARE OFFICER

HEALTH CENTRE

REPORT ON FINANCE

DOCTORAL DEGREES

MOU

PATENT

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APPENDICES

I Members of The Court

II Members of The Executive Council

III Officers of the University

Part IV

UNDERGRADUATE SECTION

List of affiliated colleges under the University [District wise with address, intake capacity, subjects, reservation details]

UNIVERSITY AT A GLANCE

Established on June 15, 1960

1. *Name of the University* : The University of Burdwan

2. *Type of the University* : Teaching and Affiliating

Territorial Jurisdiction : The territorial jurisdiction of this University include areas in the districts of Bankura (other than the area served by Sidhoo Kanhoo University), Birbhum (other than the area served by Visva-Bharati at Santiniketan & Kazi Nazrul University, Asansol), Burdwan, Hooghly (excluding Serampore Sub-division) .

4. *Administrative Complex* : Golden Jubilee Building at 10.67 acres of land in the heart of the town. Previously it was located at the

majestic gothic structure of Mahtab Manzil (former Bardhaman Maharaja's palace) at Burdwan. which has been declared as the Heritage site by the Govt.

➤ Professional Colleges(Self fin.) :

07

➤ Degree Colleges

74

➤ Law Colleges	:	05	➤ Art &
Design Colleges	:	01	
➤ B. P.Ed. Colleges	:	03	

ACCREDITATION

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	Four Star	72.5	2001	22/03/2001	21/03/2006
Cycle 2	Nil	80.5	2007	31/03/2007	30/03/2012
Cycle 3	A	Nil		3.11 2016	05/11/2016

RANKINGS

INDIA TODAY RANKING

The University of Burdwan was ranked 13 for the year 2022.

CHAPTER I

GENERAL INFORMATION

THE UNIVERSITY FACULTIES

1. Master degree under Faculty of Arts, Commerce, Law, Fine Arts & Music :

Bengali	History	Sociology	Mass Communication
Arabic	Economics	Philosophy	M.B.A.(Human Resource)
Sanskrit	Commerce	Political Science	Tourism Management

	Chandernagore College	MA(Bengali. French)
Burdwan Raj college	MA(Bengali)	
	MUC womens college	MA(English)
St. Xaviers college	MA(English)	
Vivekananda Mahavidyalaya, Burdwan	MSc(Chemistry)	
Kalna college	MA(Bengali, English)	
Hooghly Mohsin college	MSc(Geology, Physiology, Botany) , MA(Pol.Sc., Urdu, English,)), M.Com, LL.B., LL.M.	
Shyamsundar college	MA(History)	
Gitanjali College of Phy Edn	M.P.Ed	
Rampurhat college	MA(Bengali, English, Sanskrit)	
Bengal Law college	LL.B.(H) (5 yr)	
Jeorge School of Law	LL.B. 3 yrs	
College of Art & Design,Burdwan	MSc(Fine Arts)	
Suri Vidyasagar colleg	MSc(Zoo)	
Netaji Mahavidyalaya	MA(Bengali)	
Guskara Mahavidyalaya	MA(Bengali)	
Bolpur college	M.A(Bengali)	
R.K.Kundu Mahavidyalaya	MA(Bengali)	

● **Vocational Courses :**

➤ *At Benoy Krishna Choudhury Rural Technology Centre :*

The following Production-cum-Training programmes are conducted under the Centre - Duckery Management; Vermiculture; Mushroom Production and Training; Pisciculture; Sericulture; Soil & Water Testing; Computer Training; Short-term-training on maintenance and repair of Electric and Electronics apparatus;; Non-conventional Energy - application of Solar energy, Artificial Breeding & Animal Husbandry and a course on computer programming. Most of the courses are funded by UGC and State Government. The newly formed "Centre of Innovation, Entrepreneurship and Skill Development" (CIESD

➤ *At Adult Continuing Education & Extension*

Population Education - One-year PG-Diploma Course

Blood Doner Motivation - Certificate course

Mother-Child care & Family Welfare at Community Medicine of Burdwan Medical College- One year Certificate course

Medical Laboratory Technology - P.G. Diploma course

Yoga Therapy - Certificate & PG Diploma course

Special Education (Mental Retardation) - PG Diploma at *Ananda Niketan, Katwa*

➤ *At College of Art & Design* : Diploma and Certificate course in Art & Designing

Other Facilities :

- A well-equipped Science and Instrumentation Centre (USIC) along with Central Instrumentation Facilities (CIF) serves the technical needs of the PG Science Departments including the researchers.
- The Computer Centre of the University provides all sorts of Computer facilities for the students, teachers and the research-scholars of the University. It provides networking & internet facilities through NKN(National Knowledge Network) connectivity of MHRD.
- The INFLIBNET centre helps the teachers, researchers and students in their advanced studies.
 - Academic Staff College : Conducts Refresher Courses and Orientation Programmes.
- *Meghnad Saha Planetarium & Space Science Research Centre, Burdwan*
IQAC - Internal Quality Assurance Cell :

Multidisciplinary and interdisciplinary courses as part of several programmes like MBA, MBAHR, MBA(Tourism), Mass communication, Women's studies, Environmental science are becoming increasingly popular. & effective for enabling students to gain a better insight and knowledge of their chosen subject and prepare for a successful career..

Focus on Outcome based education (OBE):

That students should be evaluated on the basis of the knowledge and skills they have acquired, instead of the amount of time they have spent in the postgraduate classroom. Accordingly, in alignment with OBE, the university emphasizes on setting specific, measurable, achievable, relevant, time- bound (SMART) learning objectives and towards assessing students' progress towards the achievement of these objectives. It also feels the urge to encourage the faculty members to employ a variety of teaching methods and to be flexible in their approach to instruction. Overall, the university while considering the imperative of OBE, is planning to inculcate a culture to enthuse the students to acquire the right kind of knowledge and skills required in order to excel in all academic, research, professional pursuits in future.

EOC (Equal Opportunity Cell) :

The main objective of this cell is emphasis to the deprived groups for learning and creating space for them→ to mainstream themselves. To provide guidance with respect to academic, financial, social and other→ matters and to enhance the diversity within the University. To provide guidance in the issues related to employability and success of→ persons belonging to Scheduled Caste, Scheduled Tribes, OBC (non-creamy layer) and minority. Redressal of grievances related to discrimination and denial of equal→ opportunity to persons particularly belonging to disadvantaged groups within the university premises.

Distance education/online education:

The Centre for Distance and Online Education (CDOE), BU formerly Directorate of Distance Education, BU was established in 1994. And conducts several postgraduate programme on the basis of the approval of UGC-DEB. *VARC for Value Education & Culture – provides value education of eminent personalities like Swami Vivekananda, Rabindranath Tagore etc. & culture among the masses.*

- **Coaching for NET** : Efforts are being taken for rendering coaching for NET/SET Examination
 - **Preparatory Course in Civil Service Examination** : The University is also provide one year preparatory course for WBCS Examination.

FIRST DEGREES : B.A. (Genl.), B.Com.(Genl.), B. Sc.(Genl.), B.A.(Hons.), B.Com. (Hons.), B. Sc (Hons), B.E., B.Ed., B.P.Ed., B.Ed. (Sc.), B.Mus.(Hons.), LL.B. and BLIS.

HIGHER DEGREES : M.A., M.Sc., M.Com., MLIS, LL.M., M.Tech., MBA, MBA(Tourism) MBA (HR), MCA, M.Phil., and the Doctoral Degrees (Ph.D.), D. Lit. and D. Sc. through Research.

SOME MORE INFORMATION

Auditorium/seminar complex with infrastructural facilities : 2+

Sports facilities : i) Playground : 1 (ii) swimming pool : Nil iii) gymnasium : 1 (iv) Stadium - 1

Hostel facilities :

(a) **Boys' hostel** : i. Number of hostels : 06 ii. Number of inmates : 663

iii. Facilities : Multi-Gym, wi-fi (*only for Research Scholars*)

(b) **Girls' hostel** : i. Number of hostels : 05 ii. Number of inmates : 760

iii. Facilities : Computer, Multi-Gym, wi-fi (for Research Scholars)

Other Facilities :

Residential facilities for faculty and non-teaching : Yes

Cafeteria : Yes

Facilities like , book shops, , post office banking etc.

Transport facilities to cater to the needs of the students and staff : Yes

Facilities for persons with disabilities : Yes

Animal house : Yes

Incinerator for laboratories : No

Power house : Yes (Sub-station)

Waste management facility : Yes

- ❖ Several MOU have been signed during the year 2022-23.
- ❖ An all round development work has been underway under the leadership of our Hon'ble Vice-Chancellor. Total and thorough renovation work of academic buildings, labs and libraries is going on. The canal surrounding the academic campus is being re-excavated for the first time since the 1840s.
- ❖ LAN/WIFI connectivity has been introduced in various administrative departments/sections of the University and fiber optic connectivity has been upgraded by 50 micron multimode.
- ❖ A new grid of Green Generators has been installed to ensure uninterrupted power supply in our institution.
- ❖ The department of Bengali, Botany, Chemistry, Physics, Geography, History, English, Economics and Zoology are conducting teaching and research under the UGC's Special Assistance Programme. The department of Botany, Chemistry, Physics and Bengali has reached the prestigious status of Centre of Advanced Studies. Most of the Science departments are successfully implementing the FIST Programme. The Faculty of Science has successfully completed the first phase of PURSE Programme of DST and running the phase -II of the programme.
- ❖ The University has been identified by the UGC for promotion of Indian Higher Education abroad (PIHEAD).
- ❖ The University organizes a very wide range of extension activities which bring awareness among the students through NSS, RTC, Legal Aid Cell etc. about the emerging social needs and inculcate in them a spirit of community service. The Rural Technology Centre, the Departments of Life Long Learning and NSS also organize a large number of programmes and participation of the students and from the community for the benefit of Rural and Urban population. The CRSMF is another added strength of the University.
- ❖ The University is providing good medical facilities to students and employees with its Health Centre with two regular Medical Officers, Para-medical staff and visiting specialists. The Centre maintains a diagnostic Laboratory also to conduct basic Pathological and Radiological investigation.

- ❖ Most of the Faculty members submitted major Research Projects to different organizations like UGC, AICTE, DST, CSIR, ICSSR, DAE, DBT, UNICEF etc.
- ❖ Access to online e-journals through INFLIBNET and subscribed CD ROMs has been ensured. The Computer Centre of the University provides internet and related services through NRN (national knowledge network) connectivity of MHRD.
- ❖ The University got a well-equipped Science and Instrument Centre (USIC) along with Central Instrumentation facilities (CIF) to meet the technical needs of the Faculties not only for the campus but also for the other Universities and Research Institutions.
- ❖ **UGC- HUMAN RESOURCE DEVELOPMENT CENTRE** : It is entrusted with conducting Orientation Programmes, Refresher Courses, Summer School, Winter School, Short term Courses, Workshop for Academic Administrators, Principal's Meet and Interaction Program for Research Scholars. UGC-HRDC, B.U.
- ❖ **IIPC** - The IIPC, through its student-specific activities, may be a potential benefactor for the students by enhancing their skill sets.
- ❖ **Vishakha**- The University has reconstituted the Internal complaint committee to deal with the matter relating to sexual harassment of women at the campus in its last meeting of April 2019.
- ❖ Anti ragging committee – University is very much aware to protect students and its staff.
- ❖ **VIDWAN** is the premier database of profiles of scientists / researchers and other faculty members working at leading academic institutions and other R & D organisation involved in teaching and research in India. It provides important information about expert's background, contact address, experience, scholarly publications, skills and accomplishments, researcher identity, etc. The database developed and maintained by Information and Library Network Centre (INFLIBNET) with financial support from the National Mission on Education through ICT (NME-ICT). The database would be instrumental in selection of panels of experts for various committees, taskforce, established by the Ministries / Govt. establishments for monitoring and evaluation purposes.
- ❖ **FOSSEE** (Free/Libre and Open Source Software for Education) project promotes the use of FLOSS tools in academia and research. The FOSSEE project is part of the National Mission on Education through Information and Communication Technology (ICT), Ministry of Education (MoE), Government of India. Below is the list of projects which are promoted by FOSSEE.
- ❖ **The Alumni Association** -
The central alumni association of the university named as Burdwan University Alumni Association is a registered body constituted on 12.01.2007 and bears the Registration No. S/IL-42945 of 2006-07.

Previously, the Alumni Association has taken initiative for providing scholarships to the needy students and also gives financial assistance to the students for medical emergencies. Alumni Association has also been actively involved in different activities like beautification of campus, provided financial assistance for construction of Golden Jubilee Building and for Guest House renovation.

In view of the evolving situation under the changing scenario of regional, social, national and international level Alumni feedback is taken to enrich the course curriculum. Their valuable suggestions help the concerned department to create an innovative syllabus and course curriculum.

CONVOCATION 2023

Hon'ble Chancellor Sir Dr C.V.Ananda Bose delivered the Convocation address on February 24,2023.

Other dignitaries present were Mr Bratya Basu, MIC, Dept. of Higher Education, Science & Technology and Bio-technology, School Education, Parliamentary Affairs, the Govt. of West Bengal. Prof Amitabha Ghosh, NASI Platinum Jubilee senior scientist and honorary distinguished Professor, IISC, Shibpur, Howrah was Chief Guest.

- HONORIS CAUSA Awardees : 2023 D.Litt – Sri Sirshendu Mukhopadhyay, Pandit Ajoy Chakraborty
D.Sc – Prof. Suman Kr Dhar Prof. Subhasis Chaudhuri

- No. of Ph.D. Awardees

Arts – [Bengali – 43, Sanskrit – 7, Eng – 25Hindi 16, , Business Administration – 09; Economics - 19, Philosophy – 4; History – 13; Pol.Sc – 9; Commerce – 29; Law - 16, Lib & Inf.Sc. - 9,hindi – 7, Tourism Management -6, Mass Com – 3, Education – 11, sociology – 4, Urdu – 13, Phy Ed -3, , Business Administration (HR) -2]

Science – [Chem – 28, Phy – 28; Botany –32; Zoo – 46; Geo – 36; Math – 32; Microbiology - 5, Biotech –4; Env.sc – 12, Comp.Sc -9, Conservation Biology – 3, Statistics -3, Physiology - 8,]

STUDENTS AT A GLANCE

Year	Subject	Passed out
2022 PG	MA	1723
	MSc	595
	MCom	84
	ME	24
	MEd	41
	MFA	3
	LL.M.	40
	MA(Rabindrasangeet)	15
	MA(Hindustani classical vocal music)	6

2022 UG (with professional courses)	BA/BSc/BCom	36128
	BE	355
	LL.B 5 yrs	28
	B.P.Ed	173
	B.Ed	13086
	BCA	263
	BBA	295
	BFA	41

DEPARTMENT OF ARABIC

Programs offered during the year : MA in Arabic, PH.D. in Arabic

Number of students during the year : 20

Number of students appeared in the University examination during the year : 20

List of courses offered across all programs during last five years				
Program code	Program name	Course code	Course name	Year of offering the course
MAARB	MA in Arabic	MAARB 101*	Pre-Islamic Arabic Literature	2020-21
MAARB	MA in Arabic	MAARB 102*	Arabic Literature During Islamic Period	2020-21

MAARB	MA in Arabic	MAAR B 103*	Linguistics	2020-21
MAARB	MA in Arabic	MAAR B 104*	Arabic Text and Applied Grammar	2020-21
MAARB	MA in Arabic	MAAR B 105*	Translation: Theory and Practice*	2020-21
MAARB	MA in Arabic	MAAR B 301*	Arabic Poetry During Abbasid Period	2020-21
MAARB	MA in Arabic	MAAR B 302*	Arabic Prose During Abbasid Period	2020-21
MAARB	MA in Arabic	MAAR B 303 A	Principles of Literary Criticism	2020-21
MAARB	MA in Arabic	MAAR B 304 A	Literary Trends, Movements & Schools	2020-21
MAARB	MA in Arabic	MAAR B 305 A	Essential Arabic	2020-21
MAARB	MA in Arabic	MAAR B 201*	Arabic Literature During Umayyad Period	2020-21
MAARB	MA in Arabic	MAAR B 202*	Rhetoric & Prosody	2020-21
MAARB	MA in Arabic	MAAR B 203*	Use of Language-I*	2020-21
MAARB	MA in Arabic	MAAR B 204*	Arabic Literature in India	2020-21
MAARB	MA in Arabic	MAAR B 205*	Specialized Translation*	2020-21
MAARB	MA in Arabic	MAAR B 400**	Community Engagement Course	2020-21
MAARB	MA in Arabic	MAAR B 401*	Modern Arabic Prose	2020-21
MAARB	MA in Arabic	MAAR B 402*	Modern Arabic Poetry	2020-21
MAARB	MA in Arabic	MAAR B 403 A	Arabic Novel & Short story	2020-21

MAARB	MA in Arabic	MAAR B 404 A	Use of Language-II	2020-21
MAARB	MA in Arabic	MAAR B 405*	Dissertation Writing & Research Methodology	2020-21

Number of new courses introduced of the total number of courses across all programs offered during the year :

Name of the Course	Course Code	Year of introduction
Research Methodology	PHDA 101	2023
Research and Publication Ethics	PHDA 102	2023
Review of Arabic Literature and Applied Criticism	PHDA 103	2023

Name of the Full-time teacher	Designation	Year of appointment	Nature of appointment (Against Sanctioned post, temporary, permanent)	Name of the Department
Dr. Md. Shamim Nizami	Assistant Professor	2018	Permanent	Arabic
Dr. Mohd Alamgir	Assistant Professor	2020	Permanent	Arabic

Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings during the year		
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Name of the teacher	Title of the book/chapters published	Title of the paper				Year of publication	Affiliating Institute at the time of publication	Name of the publisher
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	D r · M o h d A l a m g i r	Alqiyamul Ijtimayea wa- thaqafiyea fi Qasasi Rabinbrana th Tagore					Internation al	978- 93- 8529 4-86- 0		
	D r · M o h d A l a m g i r	Majmuatul Maqalat	Al-haqaiq diniyey wa- dunyeawiyey fi-dau-e Ummil kitab li Abil Kalam Azad				N a t i o n a l	978- 81- 948 929- 0-8	Bamanpukur Humayun Kabir Mahavidyalaya	

Number of programs offered during the year 2022-23 : MA in Bengali ,MPhil in Bengali

No of students admitted	Number of students admitted from the reserved category					
				OBC	Gen	Others
241				44	128	03

Number of full time teachers against sanctioned posts during the year & Total teaching experience of full time teachers in the same institution during the year

Name of the Full-time teacher	Designation	Year of appointment	Nature of appointment (Against Sanctioned post, temporary, permanent)	Name of the Department	Total years of Experience in the same institution	Is this teacher still serving in the

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							y t o t h e I n s t i t u t i o n
SIBABRATA CHATTERJEE	PROFE SSOR	11.07 .1997	Perma nent	Be ngal i	26 year s		S t i l l s e r v i n g S t i l l s e r v i n g
UDAY CHAND DAS ANINDITA BANDYOPADHYA Y	PROFE SSOR PROFE SSOR	12.02. 2002 20.09. 2002	Perman ent Perman ent	Be ngal i Be ngal i	21 year s 21 year s		S t i

ARINDAM CHATTOPADHYA Y	PROFE SSOR	29.01. 1990	Perman ent	Be ngal i	33 year s	ll s e r v i n g S t i l l s e r v i n g S t i l l s e r v i n g S t i l l s e r v
ALOK KUMAR CHAKRABORTY	PROFE SSOR	26.09. 2002	Perman ent	Be ngal i	21 year s	
AMITAVA DAS	PROFE SSOR	20.02. 2009	Perman ent	Be ngal i	14 year s	

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SRABANI BASU(SC)		Associate Professor	11.04. 2005	Permanent	Bengal i	18 years	ll s e r v i n g S t i l l s e r v i n g
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Total number of full time teachers who received awards, recognition, fellowships at State, National, International level from Government/Govt. recognised bodies during the year &3.4.2 The institution provides incentives to teachers who receive state, national and international recognitions/awards

Name of full time teachers receiving awards from state level, national level, international level	Year	PA N	Designation	Name of the award, fellowship, received from Government or Government recognised bodies	Name of the Awarding Agency	Incentives /Type of the incentive given by the HEI in recognition of the award	Link to the relevant documents
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	a r d					
Moloy Rakshit	N o v e r b e r 2 0 2 2			<ul style="list-style-type: none"> Sunil Gangopadhyay Smriti Sammanana in Nov. 2022 	Ramdha nu Prakash ani, Kolkata	

Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the year : JRF 10 MANF 2

Number of Ph.D s awarded per teacher during the year July 2022-June 2023

S l	Name of the PhD scholar	Name of the Department	Name of the guide/s	Title of the thesis	Year of registration of the scholar	Year of award of PhD
1	Sampriti Kapri	Bengali	Dr. Srabani Basu	Madhyajuger Bangla Akhyankab ye Dampatya Samporker Swarup [মধ্যযুগের বাংলা আখ্যানকাব্যে দাম্পত্য সম্পর্কের স্বরূপ]	9.2.2016	11.01.23
2	Prabir Kumar Baidya		Prof. Anindita Bandyopadhyay	Bangla Sahitya Patrikar Kramabikash (1851-1900) [বাংলা সাহিত্যপত্রি]	Reg. 5.08.2011 Re-reg. 05.08.2017	30.01.23

				কার ক্রমবিকাশ (১৮৫১- ১৯০০)]		
3 .	Jamuna Dhara		Prof. Ramen Kr. Sar	Nirbachita Bangla Upanyaser Bachane Samaj- Upabhasha [নির্বাচিত বাংলা উপন্যাসের বাচনে সমাজ- উপভাষা]	09.02.2 016	09.02 .23
4 .	Sourav Chakrab arty	Bengal i	Prof. Amitava Das,	Arun Mitra- er Kabitar Shailee [অরুণ মিত্রের কবিতার শৈলী]	25.07.2 017	25.11 .22
5 .	Barsha Chakrab orty	Bengal i	Prof. Uday Chand Das,	Unish O Bish Shataker Nirabachita Bangla Upanyase Gram- Saharer	Reg. 27.02.2 012 Re-reg. 27.02.2 018	21.12 .22

				Dwandwa [উনিশ ও বিশ শতকের নির্বাচিত বাংলা উপন্যাসে গ্রাম- শহরের দ্বন্দ্ব]		
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Number of research papers per teacher in the Journals notified on UGC website during the year

T i t l e	Name of the author/ s	Departm ent of the teacher	Name of journal	Year of publication	ISS N nu mb er	Lin k to the reco gniti on
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o f p a p e r						in UG C enli stm ent of the Jour nal
1. Nivedita O Rabindranath: Samparker Khatiyen,	Sibabr ata Chattop adhyay	Bengali	'Gad ya- Pady a- Praba ndha',	March, 2023	IS SN : 97 89 39 08 30 53 4	
2.Rammohon Roy: Janma- Dwisatabarshe Sradhargha 1.Bangla Nataka Turki-Moghol O Hindu : Birodh- Oikya	Sibabr ata Chattop adhyay Moloy Rakshit	Bengali Bengali	'Sast hya O Manu sh' <i>Chinh a</i> , vol- 22, Issue 43, (Intern ational Magaz ine	July- Sept 2022 August 2022, p. 96-115	ISS N 097 426 97	

<p>2.Somendra Chandra Nandy : Bangla Theatarer Ek Tukro Dhulo Chapa Itihas</p>	<p>Moloy Rakshit</p>	<p>Bengali</p>	<p>from Bangladesh) <i>SAS Natya patra</i>, Edited by Satya Bhaduri, Vol. 35,</p>	<p>2022, p. 39-52</p>	<p>UG C Care listed Magazine ISSN 2320-6497</p>
<p>3. Najrul Islamer Natya Pratibha</p>	<p>Moloy Rakshit</p>	<p>Bengali</p>	<p><i>Param para</i>, Vol. 10, Issue III,</p>	<p>July-Sept. 22, p. 303-318,</p>	<p>(publication Division, Ministry of Inf</p>
<p>4. Ananda Math : Bhakti & National Movement,</p>	<p>Moloy Rakshit</p>	<p>Bengali</p>	<p><i>Yojona</i> Vol.-66, Issue-10,</p>	<p>October 2022, pp. 45-49</p>	<p>Ministry of Inf</p>

						or mat ion & Bro adc asti ng, Go vt. of Ind ia),
						ISS N
5.Oupanibeshik Banglay Jatiotabadi Natyacharcha O Upandranath Das	Moloy Rakshit	Bengali	<i>Anustu p</i> vol- 57, Issue III	May 2023, pp. 431- 459	097 426 97	
6.Bangla Natya- Gabeshona : prapti O Aprapti	Moloy Rakshit	Bengali	<i>Abata n</i> , vol- 3,	May 2023, pp. 93-102		
7.Subhendu Maity : Sanskritir Dodo- pakhi,	Moloy Rakshit	Bengali	<i>Srot</i> , vol- 11,	August 2023, p. 171-182		
8.'Muktadhara : Aji	Moloy	Bengali	,	April-June	UG	

Hote Aage'	Shatabarsho	Rakshit		<i>Rabin dra Bhabna,</i>	2023, 15-26	p.	Care listed Magazine
9.Swapno Swapnovanger Kathamala',	Ebong	Moloy Rakshit	Bengali	<i>Ei Samay,</i>	18 December 2022		Daily News Paper
10.'Pesha Nesha'	Banam	Moloy Rakshit	Bengali	<i>Pratidin,</i>	18 December 2022		Daily News Paper
11.'Kunatya-Ranger Biruddhe'		Moloy Rakshit	Bengali	<i>Robba r, Pratid</i>	29 January 2023		Daily News

<p>12. 'ParmanenT Villain-er Chokh Kore Neben Selai Kore, Vebechilen Ajitesh',</p>	<p>Moloy Rakshit</p>	<p>Bengali</p>	<p><i>in,</i> <i>Robba r.in, Pratifid in Robba r,</i></p>	<p>29 September 2023</p>	<p>ws Pa per Da ily Ne ws Pa per 97 8- 93 - 57 43 -</p>	
<p>Introduction to Pratibadini o Ananyagalpo by Nabakumar Basu</p>	<p>Amitava Das</p>			<p>, National Book Trust, India (2023)</p>	<p>13 2- 3</p>	

	<p>১ ২ ৩ ৪ ৫ ৬ ৭ ৮ ৯ ১০ ১১ ১২ ১৩ ১৪ ১৫ ১৬ ১৭ ১৮ ১৯ ২০ ২১ ২২ ২৩ ২৪ ২৫ ২৬ ২৭ ২৮ ২৯ ৩০ ৩১ ৩২ ৩৩ ৩৪ ৩৫ ৩৬ ৩৭ ৩৮ ৩৯ ৪০ ৪১ ৪২ ৪৩ ৪৪ ৪৫ ৪৬ ৪৭ ৪৮ ৪৯ ৫০ ৫১ ৫২ ৫৩ ৫৪ ৫৫ ৫৬ ৫৭ ৫৮ ৫৯ ৬০ ৬১ ৬২ ৬৩ ৬৪ ৬৫ ৬৬ ৬৭ ৬৮ ৬৯ ৭০ ৭১ ৭২ ৭৩ ৭৪ ৭৫ ৭৬ ৭৭ ৭৮ ৭৯ ৮০ ৮১ ৮২ ৮৩ ৮৪ ৮৫ ৮৬ ৮৭ ৮৮ ৮৯ ৯০ ৯১ ৯২ ৯৩ ৯৪ ৯৫ ৯৬ ৯৭ ৯৮ ৯৯ ১০০</p>						<p>২ ৩ ৪ ৫ ৬ ৭ ৮ ৯ ১০ ১১ ১২ ১৩ ১৪ ১৫ ১৬ ১৭ ১৮ ১৯ ২০ ২১ ২২ ২৩ ২৪ ২৫ ২৬ ২৭ ২৮ ২৯ ৩০ ৩১ ৩২ ৩৩ ৩৪ ৩৫ ৩৬ ৩৭ ৩৮ ৩৯ ৪০ ৪১ ৪২ ৪৩ ৪৪ ৪৫ ৪৬ ৪৭ ৪৮ ৪৯ ৫০ ৫১ ৫২ ৫৩ ৫৪ ৫৫ ৫৬ ৫৭ ৫৮ ৫৯ ৬০ ৬১ ৬২ ৬৩ ৬৪ ৬৫ ৬৬ ৬৭ ৬৮ ৬৯ ৭০ ৭১ ৭২ ৭৩ ৭৪ ৭৫ ৭৬ ৭৭ ৭৮ ৭৯ ৮০ ৮১ ৮২ ৮৩ ৮৪ ৮৫ ৮৬ ৮৭ ৮৮ ৮৯ ৯০ ৯১ ৯২ ৯৩ ৯৪ ৯৫ ৯৬ ৯৭ ৯৮ ৯৯ ১০০</p>	<p>ISBN N: 978- 93- 9253 3- 14-3</p>	<p>A s h a d i p</p>	
		Akhyaner Tattvabhuban								

		KunduJayashri Prakashani						n b e r 2 0 2 2 . p p . 1 - 4 3 6	937 83- 10-3		
		Natyanirman: Ekti Byaktigato Aneswan : Debes Chattopadhyay, Edited by Moloy Rakshit						K a r i g a r P	ISB N 978- 93- 936 69- 96-1		

	t							r a k a s h a n a J a n u a r y 2 0 2 3 , p p . 1 - 2		
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Total number of students qualifying in state/ national/ international level examinations during the year (eg: NET/SLET/GATE/GMAT/CAT/GRE/TOEFL/ Civil Services/State government examinations)															
	Registr ation number /roll number for the exam	Name of studen ts selecte d/ qualifi ed													
		NET	S L E T	C A T	G M A T								T O E F L	C i v i l S e r v i c e s	S t a t e g o v t

Total number of placement of outgoing students during the year

Year	Name of student placed and contact details	Program graduated from	Name of the employer with contact details	Pay package at appointment
27.09.2022	Pulakesh Banerjee	MA in Bengali	Asst. Teacher of kamarpukur ramkrishna Mission Multipurpose school (The Addl. District Inspector of school (S.E.) Arambagh Subdivision, Hooghly)	As Per G.A.Rules
28.04.2023	Sudip Mondal	MA in Bengali	Asst. Teacher of Asansol Ramkrishna Mission High School	As Per G.A.Rules
28.04.2023	Abdulla Molla	MA in Bengali	Asst. Teacher of Asansol Ramkrishna Mission High School	As Per G.A.Rules

DEPARTMENT OF BIOTECHNOLOGY

Head of the Department :

1. **Field of Studies of the approved Course contents :** M.Sc. in Biotechnology
Ph.D. in Biotechnology

2. Faculty Members

Designation	Men					Women				
					O B C	G e n	S C		OBC	Total
Professor										
Reader/Asso.Prof.										
Sr. Lecturer/ Asst.Prof. (Stage II/III)						1				1
Lecturer/Asst.Prof.										
Guest Lectr.										

3. Name & Designation of the Faculty members with degree and specialization:

Name	Designation	Degree	Specialization
Dr. Indrani Chandra	Assistant Professor	Ph.D.	Plant Culture
Prof Suvro Chatterjee	Professor	Ph.D. & Post Doc	Cell Biology, Human Physiology
Dr. Santanu Pailan	Assistant Professor	Ph.D.	Microbiology

4. Student Enrolment (2022-23)

Course(s)		<i>Men</i>			<i>Women</i>				<i>Total</i>		
		Ge en	S C	T o t a l	Ge n			T o t a l	Ge n		Total
M A/ M Sc/ M Co m	1 st Sem	8	1	9	15			2 1	2 3		30
	2 nd Sem										
	3 rd Sem	7		8	10			1 1	1 7		19
	4 th Sem	8	1	9	11			1 1	1 9		20
M. Phi l											

A. 5. Research work by the scholars: (In Progress)

S l . N o .	Name of the Scholar(s)	Topic of Research	Supervisor(s)

1	Moupriya Mondal	<i>In vitro</i> propagation of an important medicinal plant <i>Gloriosa superba L.</i> and its phytochemical and cytological study	Dr. Indrani Chandra
2	Sushobhan Sen	<i>In vitro</i> propagation of <i>Fragaria vesca L.</i> and green synthesis of copper nanoparticles from different plant parts for the study of its antidiabetic activity	Dr. Indrani Chandra
3	Sunil Nandi	Study on biodegradation mechanism of <i>Profenofos</i> insecticide by selected bacterial isolates	Dr. Santanu Pailan
4	Biman Chakraborty	Understanding the impact of low gravity on cellular Bioenergetics	Prof. Suvro Chatterjee
5	Deepanwita Mitra	Biodegradation of picric acid by selected bacterial isolates	Dr. Santanu Pailan
6	Shradhya Bhattacharya	Deciphering cellular and molecular impact of Nanocosmeceuticals on the development of embryo	Prof. Suvro Chatterjee
7	Shrabani Mondal	Study of <i>in vitro</i> propagation on different species of <i>Ocimum L.</i> with special reference to their secondary metabolites and	Dr. Indrani Chandra

		pharmacological activities	
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***C. Research by Faculty Members: [Papers published during this year only]**

S I. N O.	Teacher	Title of Papers	<i>Ref. to the Publicatio n</i>	<i>Type of publication **</i>
	Dr. Indrani Chandra	Effect of individual plant growth		<i>Research Article</i>
		regulators on modulation of secondary metabolites production in an important medicinal plant Gloriosa superba L.		

		Unveiling the Dual Nature of Heavy Metals: Stressors and Promoters of Phenolic Compound Biosynthesis in <i>Basilicum polystachyon</i> (L.) Moench In Vitro		<i>Research Article</i>
		Heavy metal pollution in the environment and its impact on health: exploring green technology for remediation		<i>Research Article</i>
		In vitro propagation, phytochemistry and pharmacology of <i>Basilicum polystachyon</i> (L.) Moench (Lamiaceae): A short review		<i>Review Article</i>
		Organ specific phytochemical changes and antioxidant activities of in vivo and in vitro grown <i>Gloriosa superba</i> L.		<i>Research Article</i>
2.	<i>Dr. Santanu Pailan</i>	Spectrophotometric analysis of Organophosphate degradation by <i>Pseudomonas</i> sp. strain BUR11	<i>Ad va nc es in Bi or</i>	<i>Research Article</i>

			<i>es ea rc h</i>	
		Presence of Organophosphate Insecticide Degrading Bacteria in Agricultural Soils of <hr/>	<i>Enviro nment and Ecolog y</i>	<i>Research Article</i>

		Burdwan, West Bengal, India		
		Organophosphate degradation: an attempt towards understanding the molecular response of Acinetobacter sp. strain memcl4 towards parathion by comparative proteomics study	<i>Science and culture</i>	<i>Research Article</i>
3.	<i>Prof. Suvro Chatterjee</i>	<u>Green Synthesis of Silver Nanoparticles Using the Leaf Extract of the Medicinal Plant, Uvaria narum and Its Antibacterial, Antiangiogenic, Anticancer and Catalytic Properties</u>	Antibiotics	<i>Research Article</i>
		<u>14K Prolactin Derived 14-Mer Antiangiogenic Peptide Targets Bradykinin-/Nitric Oxide- cGMP-Dependent Angiogenesis</u>	<i>Biotechnology</i>	<i>Research Article</i>

		Development and Evaluation of Polymer Drug Delivery System (PDDS) for Delivery of <i>Boswellia seratta</i>	Mat eriale Plastice	<i>Research Article</i>
		Revisiting dextran effect on red blood cell to understand the importance of rouleaux distribution and red blood cell-endothelial cell adhesio	Biomass Conversio n and Biorefiner y	<i>Research Article</i>
		Underlying features for the enhanced electrostatic strength of the extremophilic malate dehydrogenase interface salt-bridge compared to the mesophilic one	Journal of Biomol ecular Structur e and Dynami cs	<i>Research Article</i>

D. Sanctioned Research Projects – (Continuing)

S l. N o .	Name of the Project	Sanctio ning Author ity	Amount sanctioned	Duration & Progress
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1	<p>WBDSTBT project (Title: Cultivation of disease free <i>Fragaria Vesca</i> through plant tissue culture and study of its bioactive compounds) (DSTBT(BT/ST/P/S& amp;T/2G30/2017)</p>	<p>WBDS TBT</p>	<p>Approx. - 150000 0</p>	<p>3 years</p>
2	<p>ICMR extra moral project (Title: Decoding the role of the transcription factor, Sterol Regulatory Element Binding Protein during hepatic stellate cell activation) (F. No. 52/10/2020-BIO/BMS)</p>	<p>ICMR</p>	<p>Approx - 340000 0</p>	<p>3 years</p>
3	<p>Development of a smart scaffold for assisting efficient bone repair Project No PPN/BIN/2019/1/00083/U/00010</p>	<p>Polish National Agency for Academic Exchange and Ministry of Science and Technology, Depart</p>	<p>Approx - 150000 0</p>	<p>4 years</p>

		ment of Scienc e and Techn ology, Govt. ofIndia		
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5. Examination Results :

Course	Appeared			Passed		
	M en	Wo men	To tal	M en	Wo men	Total
Sem I	8	19	27	8	19	27
Sem II						
Sem III	8	11	19	8	11	19
Sem IV	9	11	20	9	11	20

6. Faculty Improvement Programme: *[Please give a short note on the measures taken]*: NA

7. Patent awarded/ applied for: NA

8. Any other achievement of the Department: NA

DEPARTMENT OF BOTANY

Head of the Department : **PROF. RAJIB BANDOPADHYAY**

1. Field of Studies of the approved Course contents: M.Sc. (Botany), M.Phil. (Botany) and Ph.D. (Botany)
Core Courses

- Microbiology, Phycology,
- Mycology and Plant Pathology,
- Bryology and Pteridology,
- Plant Physiology,
- Plant Biochemistry,

- Taxonomy of Angiosperms and Phytogeography,
- Gymnosperm, Paleobotany and Palynology,
- Ecology and Anatomy,
- Pharmacognosy and Instrumentation;
- Genetics, Plant Breeding and Biostatistics
- Cell Biology and Bioinformatics
- Workshop on awareness campaign on preservation of Biodiversity, agrobiodiversity, medicinal plants etc (CE)

Minor Elective courses (GE)

- Plant System and Function
- Plant Diversity and Evolution

Core Courses - Discipline Centric Electives (DE)

- Plant Physiology and Biochemistry
 - Molecular Plant Pathology and Fungal Biotechnology
 - Microbiology
 - Plant Genetics and Biotechnology
 - Taxonomy of Angiosperms and Biosystematics
 - Phycology
 - Project/Term paper based on Discipline Centric Electives
-

1. Faculty Members :

Designation	Men					Women				
	G e n	S C	S T	O B C	To tal	G e n	S C	S T	O B C	To tal
Professor	0					0				06
	5					1				
Reader/Asso. Prof.				0						01
				1						

5. Research Activities:

A. Research work by the scholars: (In Progress)

Sl.No.	Name of the Scholar(s)	Topic of Research	Supervisor(s)
	Rajdeep Shaw	Studies on biotechnologically potent extracellular polymeric substances produced by psychrotolerant bacteria of antarctic region	Prof. Rajib Bandopadhyay
	Nadranath Koley	Investigations on the algal flora of alipurduar district of West Bengal, India	Prof. J.P. Keshri
	Dibyendu Khan	Role of endobacteria in germinating rice seed along with their biological activities	Prof. Rajib Bandopadhyay
	Tanushree Mondal	Biodegradation of phthalate by bacteria isolated from municipal wastes of Asansol, West Bengal.	Prof. Tushar Kanti Maiti
	Chandrama Mukherjee	Exploring the role of endophytic fungi from <i>Amaranthus creentus</i> L. in the production of some polyphenolic compounds and their utilization as silver nanoparticles	Prof. Sikha Dutta
	Indrani Ghosh	Isolation and characterization of some medicinally important phenolic compounds from <i>Erycibe</i>	Prof. Abhijit Bandyopadhyay

		<i>paniculata</i> Roxb. and their pharmacological implications.	
	Ch Atikur Rahaman	Exploring the impact of elicitor in solasodine production of <i>Solanum trilobatum</i> L. under in vitro system	Prof. Abhijit Bandyopadhyay
	Ayan Saha	Contamination of paddy by coal mine pollutants and associated human health risks in Raniganj block of West Bengal in India	Dr. Dibyendu Saha (PI) Dr. Sabyasachi Patra (Co-PI)
	Urmita Garai	Exploring seed invigoration of <i>Vigna radiata</i> L Wilczek by edible fern extract for improvement of vigour, phytonutrient and pharmacological promises	Dr. Nishika Jaishee (PI) Dr. Sabyasachi Patra (Co-PI)
	Mousathi Tah	Comparative study of the adaptive features of the true mangrove species <i>Bruguiera gymnorhiza</i> (L.) Savigny and <i>Ceriops decandra</i> (Griff) W. Theob. Under controlled salinity	Dr. Saikat Naskar
	Madhushree Ghorui	Characterization of poultry farm isolated bacterial strains with reference to antibiotic resistance	Prof. Rajib Bandopadhyay
	Sayani Dutta	Investigation of the effect of Plant growth promoting Rhizobacteria and fungi in the promotion of drought tolerance in Rice plant	Prof. Sikha Dutta
	Priti Jaiswal	Investigation of Fungal Endophytes from Lotus (<i>Nelumbo</i>	Prof. Sikha Dutta

		<i>nucifera</i> Gaertn.) and Study on Their Plant Growth Promoting Traits and Antibacterial Activity	
	Riya Dey	Exploring the role of redox biology under drought-hyperthermia stress combination during grain filling stage in flag leaf and characterization of candidate hub genes regulating grain yield and aroma quality of some aromatic rice cultivars	Prof. Soumen Bhattacharjee
	Silpa Gangopadhyay	High throughput molecular and physiological phenotyping for analysing multiple stress resistance and phytonutrient promise of some selected germplasms of grain and leaf amaranths	Prof. Soumen Bhattacharjee
	Shilpi Biswas	Finger printing redox memory imprints in rice during recurrent drought stress through system biology approach	Prof. Soumen Bhattacharjee
	Asima Mondal	Understanding morphological and anatomical variation among the members of the tribe Scirpeae T. Lestib. ex Dumort. (both at the interspecific and infraspecific level) under the family Cyperaceae Juss. from different localities of West Bengal, India and their taxonomic significance	Dr. Asok Ghosh

	Suprity Mondal	Understanding the impact of abiotic stresses on Lupeol production of <i>Ipomoea obscura</i> (L.) in in-vitro system.	Prof. Abhijit Bandyopadhyay
	Kasturi Chakraborty	Systematic studies on the subtribe Conyzinae Sch. Bip. (Asteraceae) in India with special reference to micro and macro-morphology of cypselas and molecular phylogeny	Dr. Asok Ghosh
	Usha Das	Study of spatio-temporal variation of phytolith in the tribe Scirpeae T. Lestib. ex Dumort. (Cyperaceae Juss.) from West Bengal and Orissa, India and its taxonomic significance	Dr. Asok Ghosh
	Jinnatunnesa Khatun	Exploring the pharmacological activities of some selected medicinal plants employed by the Lepcha tribes of Kalimpong district, West Bengal	Dr. Nishika Jaishee
	Md. Nazir	Exploring new means of addressing potable water crisis and sustainability through phytoremediation of abandoned coal mine pit lakes with special reference to Damalia Pit Lake in Raniganj coalfield of West Bengal in India	Dr. Dibyendu Saha
	Karuna Soren	Investigation of the bacterial flora from the mud volcano of Andaman and Nicobar Islands as	Prof. Rajib Bandyopadhyay

		well as the mud volcano of Erta Ale, Danakil depression, Ethiopia	
	Arnab Mukherjee	Understanding the function of AtWRKY70, a member of WRKY family transcription factor in regulating DNA damage response/repair genes in <i>Arabidopsis</i> under genotoxic challenge	Dr. Sujit Roy

***C. Research by Faculty Members: [Papers published during this year only]**

(A) Referred journal

S l . N o .	Name of the Teacher	Title of Papers	Ref. to the Publication	Type of publication **
1.	Soumen Bhattacharjee	Comparative transcriptomic data confirm the findings of dehydration stress-induced redox biology of indigenous aromatic rice cultivars	https://doi.org/10.1007/s13205-023-03829-z	Referred journal

2.	Soumen Bhattacharj ee	Herbal and chemical seed potentiations improve the redox health of aged seeds of indigenous aromatic rice cultivars through regulation of oxidative window, gene expression, and restoration of hormonal homeostasis	https://doi.org/10.1007/ s12298-023-01375-9	Referred journal
3.	Soumen Bhattacharj ee	Imbibitional redox and hormonal priming revealed regulation of oxidative window as a key factor for progression of germination of indica rice cultivars	https://doi.org/10.1007/ s12298-023-01303-x	Referred journal
4.	Soumen Bhattacharj ee	ROS-hormone interaction in regulating integrative defense signaling of plant cell	https://doi.org/10.32604/ biocell.2023.025744	Referred journal
5.	Rajib Bandopadh yay	Synthesis of hot spring origin bacterial cell wall polysaccharide- based copper nanoparticles with	https://doi.org/10.1016/j .ejbt.2023.11.005	Referred journal

		antibacterial property		
6.	Rajib Bandopadhyay	Synthesis, Kinetics, Reaction Mechanism, and Bioactivity Assays of a Dimeric Palladium Complex	https://doi.org/10.1021/acsomega.3c05944	Referred journal
7.	Rajib Bandopadhyay	Delving into the lifestyle of Sundarban Wetland resident, biofilm producing, halotolerant <i>Salinococcus roseus</i> : a comparative genomics-based intervention	https://doi.org/10.1186/s12864-023-09764-w	Referred journal
8.	Rajib Bandopadhyay	Insight into the genome of an arsenic loving and plant growth-promoting strain of <i>Micrococcus luteus</i> isolated from arsenic contaminated groundwater	https://doi.org/10.1007/s11356-023-30361-7	Referred journal
9.	Rajib Bandopadhyay	Detailed genomic and biochemical characterization and plant growth promoting properties of an arsenic-tolerant	https://doi.org/10.1016/j.bcab.2023.102825	Referred journal

		isolate of <i>Bacillus pacificus</i> from contaminated groundwater of West Bengal		
10.	Rajib Bandopadhyay	Bacterial Polysaccharide-Stabilized Silver Nanoparticles Photocatalytically Decolorize Azo Dyes	https://doi.org/10.1007/s12010-023-04648-x	Referred journal
11.	Rajib Bandopadhyay	Efficiency of a Novel Fluoride-Resistant <i>Exiguobacterium indicum</i> MLN15	https://doi.org/10.1007/s40009-023-01308-w	Referred journal
12.	Rajib Bandopadhyay	In silico comparative structural and functional analysis of arsenite methyltransferase from bacteria, fungi, fishes, birds, and mammals	https://doi.org/10.1186/s43141-023-00522-9	Referred journal
13.	Rajib Bandopadhyay	Plant-microbe community dynamics in rhizosphere: Reviewing the grassroots ecology towards sustainable	https://doi.org/10.56093/ijas.v93i3.129812	Referred journal

		agriculture		
14.	Rajib Bandopadhyay	Screening of Prospective Antiallergic Compound as FcεRI Inhibitors and Its Antiallergic Efficacy Through Immunoinformatics Approaches, Molecular Biotechnology	https://doi.org/10.1007/s12033-023-00728-9	Referred journal
15.	Rajib Bandopadhyay	Exploration of urease-mediated biomineralization for defluoridation by <i>Proteus columbae</i> MLN9 with an emphasis on its genomic characterization	https://doi.org/10.1016/j.jece.2023.109791	Referred journal
16.	Rajib Bandopadhyay	Establishment of seed biopriming in salt stress mitigation of rice plants by mangrove derived <i>Bacillus</i> sp.	https://doi.org/10.1016/j.bcab.2023.102626	Referred journal
17.	Rajib Bandopadhyay	Copper removal capability and genomic insight into the lifestyle of copper mine inhabiting <i>Micrococcus yunnanensis</i>	https://doi.org/10.1016/j.envres.2023.115431	Referred journal

		GKSM13		
18.	Rajib Bandopadhyay	Hepatitis C—Route of Asymptomatic to Symptomatic Switch in Raising Hepatocarcinogenesis: Revisiting Nobel Prize 2020 in Physiology and Medicine	https://doi.org/10.1007/s40009-022-01192-w	Referred journal
19.	Rajib Bandopadhyay	Copper adsorption potentiality of Bacillus stercoris GKSM6 and Pseudomonas alcaliphila GKSM11 isolated from Singhbhum copper mines	https://doi.org/10.1080/01490451.2022.2137603	Referred journal
20.	Rajib Bandopadhyay	Efficacy screening of prospective anti-allergic drug candidates: An in silico study	https://doi.org/10.2174/1574893618666221019092212	Referred journal
21.	Abhijit Bandyopadhyay	Photoprotective, antioxidant potential and DNA damage protection assay of leaf methanolic extract of Holoptelea integrifolia (Roxb) Planch and determination of some bioactive	10.3390/life13081753	Referred journal

		phenolic compounds by RP-HPLC		
22.	Abhijit Bandyopadhyay	Deoxyelephantopin—a novel PPAR γ agonist regresses pressure overload-induced cardiac fibrosis via IL-6/STAT-3 pathway in crosstalk with PKC δ	<ul style="list-style-type: none"> • 10.1016/j.ejphar.2023.175841 	Referred journal
23.	Abhijit Bandyopadhyay	Implications of small RNAs in plant development, abiotic stress response and crop improvement in changing climate	10.1007/s13237-023-00447-1	Referred journal
24.	Abhijit Bandyopadhyay	GA3 treatment improves seed germination and seedling establishment in <i>Tinosporacordifolia</i> (Willd.) Hook. f. and Thoms	10.7324/JABB.2024.158607	Referred journal
25.	Abhijit Bandyopadhyay	Chronicling Diversity of Epigenetic Control in Crop Improvement	10.3390/biology10080766	Referred journal
26.	Jai Prakash	On the occurrence of	https://doi.org/10.11609/jot.8193.15.6.23436-	Referred journal

	Keshri	NitellamyriotrichaA .Braun ex Kützing, 1857 ssp. acuminataD.Subra manian, 1999 (Charophyceae: Charales: Characeae), from eastern India	23440	
27.	Jai Prakash Keshri	On the occurrence of two species of rare cyanobacterial genus PetalonemaM.J.Ber keley ex Wolle, 1887 (Cyanophyceae: Nostocales: Scytonemataceae) from eastern Himalaya, India	https://doi.org/10.11609/jott.8222.15.2.22767-22770	Referred journal
28.	Jai Prakash Keshri	Phytoplankton Diversity of Mangalajodi Bird Sanctuary, Odisha	http://dx.doi.org/10.20324/nelumbo/v65/2023/172682	Referred journal
29.	Jai Prakash Keshri	On the occurrence of Audouinellachalybea (Roth) Bory, 1823, a rare freshwater red algae (Florideophyceae:	https://doi.org/10.11609/jott.8177.15.10.24131-24134	Referred journal

		Acrochaetales: Audouinellaceae) from eastern Himalaya, India		
30.	Jai Prakash Keshri	Rare desmid genus BourrellyodesmusC ompère (Chlorophyceae: Desmiales: Desmidiaceae) in India with description of a new species (Bourrellyodesmusi ndicus Das &Keshri sp. nov.) from eastern Himalaya, India	https://doi.org/10.11609/jott.8264.15.10.24144-24147	Referred journal
31.	Jai Prakash Keshri	A Method for Determination of Protein Concentration in a Given Unknown Sample Using Absorbance Difference Between 205 nm and 280 nm	http://dx.doi.org/10.14429/dlsj.8.18616	Referred journal
32.	Saikat Naskar	Adaptive evolution of leaf anatomical features in mangrove Rhizophoraceae cues differential strategies of salt tolerance	https://doi.org/10.1016/j.flora.2023.152225	Referred journal

33.	Saikat Naskar	Effective Lectotypification of Three Names in Poa (Poaceae), Proposed by N.L. Bor	10.5735/085.060.0129	Referred journal
34.	Sikha Dutta	Characterization of a potent plant growth-promoting fungal strain Aspergillus fumigatus MCC 1721 with special reference to indole-3-acetic acid production	https://www.scopus.com/sourceid/21100902612	Referred journal
35.	Sikha Dutta	Investigation on microfloral association in the roots of Macrotyloma uniflorum (Lam.) Verdc., a medicinally important tropical pulse-crop and their possible applications for crop improvement: A review	https://www.scopus.com/sourceid/21100902612	Referred journal
36.	Sikha Dutta	Drought stress tolerance in rice: a critical insight	https://www.scopus.com/sourceid/21100902612	Referred journal
37.	Sikha Dutta	Applications of Plant Growth	https://doi.org/10.18805	Referred journal

		Promoting Bacteria (PGPB) and Vesicular Arbuscular Mycorrhizal (VAM) Fungi on Aloe barbadensis Mill., a Medicinally Important Succulent Herb	/ag.D-5811	
38.	Sikha Dutta	Zinc Solubilizing Rhizobacteria and Fungi: The Potent contributors to Plant Growth Promotion and Enhancement of Zinc content in Aloe gel. Agricultural Science Digest	https://www.scopus.com/sourceid/21101042309	Referred journal
39.	Sujit Roy	Advanced biotechnological strategies towards the development of crops with enhanced micronutrient content	https://doi.org/10.1007/s10725-023-00968-4	Referred journal
40.	Sikha Dutta	Plant growth promoting rhizobacteria (PGPR) and their eco-friendly strategies for plant growth regulation:	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101000766&flag	Referred journal

		a review		
41.	Tushar Kanti Maiti	Molecular insight into arsenic uptake, transport, phytotoxicity, and defense responses in plants: A critical review	https://doi.org/10.1007/s00425-022-03869-4	Referred journal
42.	Tushar Kanti Maiti	A potent cadmium bioaccumulating Enterobacter cloacae strain displays phytobeneficial property in Cd-exposed rice seedlings	https://doi.org/10.1016/j.crmicr.2021.100101	Referred journal
43.	Tushar Kanti Maiti	Enzyme producing insect gut microbes: an unexplored biotechnological aspect	https://doi.org/10.1080/07388551.2021.1942777	Referred journal
44.	Rajib Bandopadhyay	Optimization and characterization of a novel exopolysaccharide from Bacillus haynesii Camb6 for food applications	https://doi.org/10.3390/biom12060834	Referred journal
45.	Rajib Bandopadhyay	Bacterial Arsenic Metabolism and Its Role in Arsenic Bioremediation,	https://doi.org/10.1007/s00284-022-02810-y	Referred journal

		Current Microbiology		
46.	Rajib Bandopadhyay	Genomic, morphological, and biochemical analyses of a multi-metal resistant but multi-drug susceptible strain of <i>Bordetella petrii</i> from hospital soil	https://doi.org/10.1038/s41598-022-12435-7	Referred journal
47.	Rajib Bandopadhyay	Synthesis of copper oxide nanoparticles using capsular polymeric substances produced by <i>Bacillus altitudinis</i> and investigation of its efficacy to kill pathogenic <i>Pseudomonas aeruginosa</i>	https://doi.org/10.1016/j.ceja.2022.100294	Referred journal
48.	Rajib Bandopadhyay	Biotechnological potentials of halophilic microorganisms and their impact on mankind	https://doi.org/10.1186/s43088-022-00252-w	Referred journal
49.	Asok Ghosh	RP-HPLC based analysis of different polyphenols in seven species of <i>Carex</i> L. (Cyperaceae Juss.)	https://doi.org/10.13057/biodiv/d230511	Referred journal

		from West Bengal		
50.	Saikat Naskar	Analysis of morphometric data from leaf radials of some members of the family Malvaceae sensu stricto for taxonomic significance		Journal/periodical having ISSN
51.	Saikat Naskar	Evolution of some morphological characters in Malvoideae, Evolution of some morphological characters in Malvoideae		Journal/periodical having ISSN
52.	Saikat Naskar	Lectotypification of the names of <i>Poa stapfiana</i> (Poaceae) and its variety		Journal/periodical having ISSN
53.	Sujit Roy	Exposure to Low UV-B Dose Induces DNA Double-Strand Breaks Mediated Onset of Endoreduplication in <i>Vigna radiata</i> (L.) R. Wilczek Seedlings	https://doi.org/10.1093/pcp/pcac01.2	Referred journal
54.	Soumen Bhattacharj	LC-MS/MS Based Label Free Quantitative	https://opastpublishers.com/open-access/lc-	Referred journal

	ee	Shotgun Proteomics Revealed Contrasting Responses of Rice Germplasm towards Salinity and Identified Expression of Redox-Regulatory Proteome	msms-based-label-free	
55.	Soumen Bhattacharjee	Salinity induced redox metabolic shift influence hormonal profile and germination performance of two contrasting indica rice cultivars	https://dx.doi.org/10.17352/asb.000016	Referred journal
56.	Soumen Bhattacharjee	Hydrogen Peroxide Priming Modulates Abiotic Oxidative Stress Tolerance: Insights From Ros Detoxification And Scavenging	https://dx.doi.org/10.3389/978-2-88974-524-1	Referred journal
57.	Soumen Bhattacharjee	Exploring Polyphenol Based Bioactive Antioxidants of Underutilized Herb Amaranthus Spinosa L. for Medicinal Purposes	https://dx.doi.org/10.14218/JERP.2022.00012	Referred journal

58.	Soumen Bhattacharj ee	Anti-diabetic, anti-inflammatory and anti-oxidant properties of four underutilized ethnomedicinal plants of West Bengal Anti-diabetic, anti-inflammatory and anti-oxidant properties of four underutilized ethnomedicinal plants of West Bengal, India: an in vitro approach	https://doi.org/10.1016/j.sajb.2022.06.029	Referred journal
59.	Soumen Bhattacharj ee	Genetic and seasonal variability of bioactive polyphenolic compounds and antioxidant-based phytonutrient promise of diverse vegetable amaranths of Indo-Gangetic plains of West Bengal	https://doi.org/10.1002/j.sf2.34	Referred journal
60.	Soumen Bhattacharj ee	Hydrogen Peroxide Induced Antioxidant-Coupled Redox Regulation of Germination in Rice: Redox	https://doi.org/10.1007/s00344-022-10615-3	Referred journal

		Metabolic, Transcriptomic and Proteomic Evidences		
61.	Soumen Bhattacharjee	Exploring the parameters of central redox hub for screening salinity tolerant rice landraces of coastal Bangladesh	https://doi.org/10.1038/s41598-022-17078-2	Referred journal
62.	Tushar Kanti Maiti	A potent cadmium bioaccumulating Enterobacter cloacae strain displays phytobeneficial property in Cd-exposed rice seedlings	https://doi.org/10.1016/j.crmicr.2021.100101	Referred journal
63.	Soumen Bhattacharjee	Temporal Regulation of Oxidative Window and Hormonal Homeostasis Are the Key Events Regulating Germination Under Salinity and Oxidative Stress	https://doi.org/10.1007/s00344-022-10756-5	Referred journal
64.	Soumen Bhattacharjee	Bioactive polyphenolic compounds, water-soluble vitamins, in vitro anti-	https://doi.org/10.1016/j.fbio.2022.102072	Referred journal

		inflammatory, anti-diabetic and free radical scavenging properties of underutilized alternate crop Amaranthus spinosus L. from Gangetic plain of West Bengal		
65.	Soumen Bhattacharjee	Drought tolerance promoted by complementation of ascorbate-glutathione system and antioxidant-rich phytochemicals in Amaranthus hypochondriacus L.	http://doi.org/10.1002/jsf2.89	Referred journal
66.	Rajib Bandopadhyay	Journey of natural pigments from ancient antiquity to present: Insights on sustainable development	https://doi.org/10.1007/s43539-022-00059-9	Referred journal
67.	Rajib Bandopadhyay	Structural insight into a glucomannan-type extracellular polysaccharide produced by a marine Bacillus altitudinis SORB11 from Southern Ocean	https://doi.org/10.1038/s41598-022-20822-3	Referred journal

68.	Rajib Bandopadhyay	Laccases as Gold Standard Enzymes for Biotechnology	https://doi.org/10.2174/2211550111666220826102014	Referred journal
69.	Rajib Bandopadhyay	Statistical optimization of media components for production of extracellular lipase from edible mushroom <i>Cantharellus cibarius</i>	https://doi.org/10.1007/s42977-022-00131-6	Referred journal
70.	Rajib Bandopadhyay	Optimization and characterization of a novel exopolysaccharide from <i>Bacillus haynesii</i> Camb6 for food applications	https://doi.org/10.3390/biom12060834	Referred journal
71.	Jai Prakash Keshri	The Genera <i>Phacus</i> , <i>Trachelomonas</i> & <i>Strombomonas</i> (Euglenophyta) in Four Districts of West Bengal, India	10.20324/nelumbo/v64/2022/169612	Referred journal
72.	Asok Ghosh	RP-HPLC-based phytochemical screening of different polyphenolic compounds from floral extract of four species of <i>Saraca</i> L. (Leguminosae)	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101023314&flag=Search	Referred journal

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73.	Asok Ghosh	RP-HPLC based analysis of different polyphenols in seven species of <i>Carex</i> L. (Cyperaceae Juss.) from West Bengal, India	https://www.scopus.com/sourceid/21100332431	Referred journal
74.	Asok Ghosh	An Annotated Checklist to the Alpine and Sub Alpine Flowering Plant Diversity of Dzungri-Goecha La Area, West Sikkim, India	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101023314&flag=Search	Referred journal
75.	Sikha Dutta	Characterization of plant growth promoting rhizobacterial strain <i>Bacillus cereus</i> with special reference to exopolysaccharide production	https://doi.org/10.1080/01904167.2022.2160740	Referred journal
76.	Sikha Dutta	Endophytic microbes and their diverse beneficial aspects in various sectors: A critical insight	https://www.scopus.com/sourceid/21100902612	Referred journal

Sl.No.	Name of the Teacher	Title of Papers	Ref. to the Publication	Type of publication * *
1.	Rajib Bandopadhyay	Recent patents and current emergence of polysaccharides-based nanoparticles in medicine and drug delivery	978-0-12-822351-2	Book/chapter in Ed.Vol. Published by International Publisher
2.	Rajib Bandopadhyay	Environment and Green Technology	978-981-16-4445-0	Book/chapter in Ed.Vol. Published by International Publisher
3.	Rajib Bandopadhyay	Omics Insights in Environmental Bioremediation	978-981-19-4320-1	Book/chapter in Ed.Vol. Published by International Publisher
4.	Rajib Bandopadhyay	Innovations in Environmental Biotechnology	978-981-16-4445-0	Book/chapter in Ed.Vol. Published by International Publisher
5.	Rajib Bandopadhyay	Polysaccharide Nanoparticles	978-0-12-822351-2	Book/chapter in Ed.Vol. Published by International Publisher
6.	Tushar Kanti Maiti	Role of Cd-resistant plant growth-promoting rhizobacteria in plant growth promotion and alleviation of the phytotoxic effects under Cd-stress BY T.K.Maiti et al. (In press)	9.78013E+12	Book/chapter in Ed.Vol. Published by International Publisher

7.	Tushar Kanti Maiti	Multifaceted roles of root exudates in the light of plant-microbe interactions (In press)	9.78032E+12	Book/chapter in Ed.Vol. Published by International Publisher
8.	Tushar Kanti Maiti	Multifaceted roles of root exudates in light of plant-microbe interaction.	9780323998963 (Paperback ISBN), 9780323985321 (eBook ISBN)	Book/chapter in Ed.Vol. Published by International Publisher
9.	Tushar Kanti Maiti	Role of Cd-resistant plant growth-promoting rhizobacteria in plant growth promotion and alleviation of the phytotoxic effects under Cd-stress.	9780128234433 (Paperback ISBN), 9780128235300 (eBook ISBN)	Book/chapter in Ed.Vol. Published by International Publisher
10.	Sujit Roy	Understanding the Crosstalk Between Chromatin Remodeling Mechanism and Phytohormones Signaling for Maintenance of Plant Developmental Plasticity: An Insight	978-3-031-05426-6	Book/chapter in Ed.Vol. Published by International Publisher
11.	Sujit Roy	Transcription Factor Mediated Plant Metabolite Production in Response to Environmental Stress Factors: Current Understanding and Future Aspects	978-981-16-7261-3	Book/chapter in Ed.Vol. Published by International Publisher
12.	Jai Prakash Keshri	A monograph on Indian Chaetophorales (Sensu Fritsch). Bishen Singh & Mahendra Pal Singh,	9789393628190	Book/chapter in Ed.Vol. Published by International

		Dehradun, India		Publisher
13.	Sikha Dutta	Isolation of endophytic bacterial strain <i>Bacillus</i> sp. MCC 4697 from the medicinal plant <i>Plumbago zeylanica</i> Linn. and characterization of its plant growth promoting traits.	978-93-95111-05-8	Book/chapter in Ed.Vol. Published by International Publisher
14.	Sikha Dutta	Investigation on beneficial endophytic fungus <i>Aspergillus cremeus</i> MCC2000 isolated from <i>Helminthostachys zeylanica</i> (L). Hook	978-93-95111-05-8	Book/chapter in Ed.Vol. Published by International Publisher
15.	Sikha Dutta	Characterization of plant growth promoting fungal strain <i>Paradendryphiella arenariae</i> MCC9730 with special reference to IAA production	978-93-95111-05-9	Book/chapter in Ed.Vol. Published by International Publisher
16.	Rajib Bandopadhyay	Microbial Genomic Islands in Adaptation and Pathogenicity	978-981-19-9342-8	Book/chapter in Ed.Vol. Published by International Publisher
17.	Abhijit Bandhyopadhyay	Genetic engineering of crop plants for food & health security	978-981-99-5033-1	Book/chapter in Ed.Vol. Published by International Publisher
18.	Abhijit Bandhyopadhyay	Recent Trends and Developments in Algal Biofuels and Biorefinery	978-3-031-52318-2	Book/chapter in Ed.Vol. Published by International

				Publisher
19.	Sujit Roy	Plant response to heavy metal stress: an insight into the molecular mechanism of transcriptional regulation, Plant Transcription Factors	9780323906135	Book/chapter in Ed.Vol. Published by International Publisher
20.	Sujit Roy	Multiple Adaptation Strategies of Plants to Mitigate the Phytotoxic Effects of Diverse Pesticides and Herbicides	978-3-031-22268-9	Book/chapter in Ed.Vol. Published by International Publisher
21.	Sujit Roy	Exploring the Critical Function and Molecular Mechanism of WRKY Transcription Factor Family in Regulating Plant Response Under Abiotic Stress Conditions	ISBN 3031437284, 9783031437281	Book/chapter in Ed.Vol. Published by International Publisher
22.	Sujit Roy	Gasotransmitters Signaling in Plants under Challenging Environment	ISBN 978-3-031-43028-2	Book/chapter in Ed.Vol. Published by International Publisher

* Please do not furnish the reports of Papers which were published before 1.06.16. Information regarding papers sent or accepted will not appear in the Annual Report.

** Only those articles are to be reported which are recognized for the UGC prescribed API *calculation*. Types are:-

(A) Referred journal (B) Journal/periodical having ISSN, (C) book/chapter in Ed.Vol. Published by International Publisher (D) Book/chapter in Ed.vol. published by National level publisher with ISBN (E) Book/Chapter in Ed.vol. Published by local level publisher with ISBN.

D. Sanctioned Research Projects – (Continuing)

Sl.No.	Name of the Project	Sanctioning Authority	Amount sanctioned	Duration & Progress
1.	Modeling redox landscape and identification of candidate hub genes regulating drought stress induced physiology of flag leaves and kernel aroma quality (2-acetyl-1- pyrroline) in indigenous aromatic rice cultivars of Rarh West Bengal PI: Prof. Soumen Bhattacharjee	SERB, DST GOI	Rs. 48.96 L	2021-2024 (ongoing)
2.	Fingerprinting bioactive polyphenolic compounds and peptides from some advanced accessions of Amaranthus hypochondriacusL. and exploring their anti-degenerative medicinal properties for utilization in crop diversification program of West Bengal PI: Prof. Soumen Bhattacharjee	WB-DSTBT	Rs.26.28 L	2024-2027 (ongoing)
3.	Understanding the role of <i>Arabidopsis RAD21.3</i>, a	SERB, DST GOI	Rs.41 L	2021-2024 (ongoing)

	<p>yeast orthologue of sister chromatid cohesion 1 protein in chromatid cohesion and homologous recombination mediated DNA damage repair for maintaining genome stability</p> <p>PI: Dr. Sujit Roy</p>			
4.	<p>Study of the genotoxic and cytotoxic activity of copper (II)-based small metal complexes for understanding their putative therapeutic potentials by using <i>Arabidopsis thaliana</i> as plant-based screening system</p> <p>PI: Dr. Sujit Roy</p>	CSIR, GOI	Rs.34 L	2023-2026 (ongoing)
5.	<p>Study of the functional traits of some selected Mangroves of the Indian Sundarban in the context of Agriculture in saline soil</p>	WB-DSTBT	Rs. 19.9 L	2024 – 2027 (ongoing)

	PI: Dr. Saikat Sankar			
6.	<p>An approach to increase biomass & productivity of steviol glycosides in <i>Stevia rebaudiana</i> through application of PGPR for agricultural applications</p> <p>PI: Prof. Abhijit Bandyopadhyay</p>	WB-DSTBT	Rs.14 L	2019-2022 (completed)
7.	<p>Study of endophytic fungi from the medicinal plant <i>Plumbago zeilanica</i> Linn. intended for synthesis of potentially active silver nanoparticles with enhancement of secondary metabolite production</p> <p>PI: Prof. Sikha Dutta</p>	WB-DSTBT	Rs. 15 L	2019-2022 (completed)

8.	<p>Maintenance of genome integrity or seed longevity and germination-study of importance of DNA double strand break repair mechanism in the model system <i>Arabidopsis thaliana</i> in relation to seed storage and crop improvement</p> <p>PI: Dr. Sujit Roy</p>	WB-DSTBT	Rs. 11.8	2019-2022 (completed)
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4. Examination Results :

Course	Appeared			Passed		
	Men	Women	Total	Men	Women	Total
Sem I	23	36	59	21	35	56
Sem II	22	34	56	20	33	53
Sem III	20	33	53	20	33	53
Sem IV	24	43	67	24	43	67

6. Faculty Improvement Programme: [Please give a short note on the measures taken]

Faculty members participated in various Faculty Improvement Programme:

Year	Name of teachers who attended	Title of the professional development Programme	Date and Duration (from – to)
2022-2023	Tithi Soren	3 rd Faculty Induction Programme, HRDC, B.U.	16.11.2022- 15.12.2022
	Tithi Soren	RC in 'Emerging trends in science and technology' MMTC. B.U	09.12.2023-22.12.2023
	Dr. Nishika Jaishee	UGC –Sponsored Short Term Course in Mental Health: Need of the era MMTC. B.U	02.11.2023-08.11.2023
	Dr. Saikat Naskar	Workshop on National Education Policy 2020	07/09/2022
	Dr. Sujit Roy	Workshop on National Education Policy 2020	07/09/2022
	Dr. Asok Ghosh	NEP 2020	01/12/2023 – 12/12/2023

		Orientation and Sensitization - 3	
	Dr. Saikat Naskar	NEP 2020 Orientation and Sensitization - 3	01/12/2023 – 12/12/2023
	Dr.DibyenduSaha	One-day workshop on Intellectual Property Right and Protection Organized by: IPR Cell, The University of Burdwan	18.05.2023
	Dr.Dibyendu Saha	Technological Emergence for clean Water and Air Organised by: Department of Civil Engineering NIT Rourkela, India	29.05.2023-02.06.2023
	Dr.Dibyendu Saha	3- Days International Workshop on Research Methodology for Faculties &	28.07.2023- 30.07.2023

		Research Scholars Organised by: BharatiVidyapeeth (Deemed to be University), New Law College, Pune (Maharashtra), India	
	Dr.Dibyendu Saha	Short Term Course in Mental Health: Need of the Era Organised by: MMTTC, The University of Burdwan	02.11.2023-08.11.2023

7. Patent awarded/ applied for:

- Prof. J.P. Keshri received National Research patent: Ref. No./Application No. 201931000390, App, Number TEMP/E-1/406/2019-KOL., C. B. R. No. 231 Date of Application: 01.04.2019.
Title of the patent: Methodology for production of hand-made paper using an innovative hydraulic press machine
- Prof. J.P. Keshri applied for National Research patent: Ref. No./Application No. 201831045429, App, Number TEMP/E-/49486/2018-KOL, C. B. R. No. 20806. Date of Application: 30.11.2018
Title of the patent: A Novel recyclable and durable handmade paper from *Hydrodictyon reticulatum* and its method of production.

8. Any other achievement of the Department:

(i) The Department celebrated 156th Birth Anniversary of Acharya J. C. Bose on 30th November 2023 with the deliberation of special invited lecture by Prof. Shibaji Raha, former Director, Bose Institute, Kolkata.

(ii) Research scholars received oral and poster presentation awards in national and international conferences.

Sl. No.	Title of the innovation	Name of the Awardee	Name of the Awarding Agency with contact details	Year of Award	Category- institution/teacher/research scholar/student
1.	Best Poster award at International Conference on Bioprocess for Sustainable Environment and Energy	Moitri Let	International Conference on Bioprocess for Sustainable Environment and Energy	2022	Research Scholar

	(ICBSEE) NIT, Rourkela		(ICBSEE) NIT, Rourkela		
2.	Best Poster award at International Conference on Bioprocess for Sustainable Environment and Energy (ICBSEE) NIT, Rourkela	Asutosh Kabiraj	International Conference on Bioprocess for Sustainable Environment and Energy (ICBSEE) NIT, Rourkela	2022	Research Scholar
3.	Best poster award at 5 th Regional Science and Technology Congress, 2022-23, Cooch Behar PanchananBarma University, West Bengal, India	Krishnen du Majhi	Department of Science &Technology and Biotechnology Government of West Bengal.	2023	Research Scholar
4.	Best poster award at 30 th West Bengal State Science and Technology	Krishnen du Majhi	Department of Science &Technology and Biotechnology	2023	Research Scholar

	Congress, 2022-23, Science city, Kolkata, West Bengal, India		Government of West Bengal.		
5.	ESDA Young Researcher Award World Environment Summit 2023 Environment and Social Development Association, Delhi, India	Nasrin Parvin	Environmen t and Social Developmen t Association, Delhi, India	2023	Research Scholar

(iii) Research scholars and students from the Department started post-doctoral, PhD research and M.Tech in different well known Universities and research institutions in India and abroad during the year 2022 - 2023

Name of students enrolling into higher education	Programme graduated, Department from	Year of joining	Name of institution joined	Name of Programme admitted to
Shrabana Sarkar	PhD, Department of Botany	2022	Universidad Católica del Maule, Talca, Chile	Post-doctoral research

Urmi Halder	PhD	2023	University of South Carolina, USA	Post-doctoral research
Kalyan Mahapatra	PhD, Department of Botany	2023	IISER Bhopal	Post-doctoral research (N-PDF)
Rohit Ghosh	M.Sc., Department of Botany	2022	IIT Kharagpur	PhD research
Sunaya Soren	M.Sc, Department of Botany	2022	NICED, Kolkata	PhD research
Dritishri Ghosh	M.Sc, Department of Botany	2022	Department of Microbiology, BU	PhD research
Riya Ghosh	M.Sc., Department of Botany	2022	Department of Biochemistry, IISC Bangaluru	PhD research
Debarati Banerjee	M.Sc., Department of Botany	2022	Department of Botany, University of Kalyani	PhD research
Amrita Nandi	M.Sc., Department of Botany	2022	IIT Kharagpur	PhD research

Rajesh Koley	M.Sc., Department of Botany	2022	Department of Environmental Science, The University of Burdwan	PhD research
Pooja Rajvar	M.Sc., Department of Botany	2022	CIMAP	PhD research
Palash Roy	M.Sc., Department of Botany	2023	NBRI, Lukhnow	PhD research
Manali Bhattacharyya	M.Sc., Department of Botany	2023	IIT Mandi	M.Tech
Dipanjana Ghosh	M.Sc., Department of Botany	2023	IIT Kharagpur	PhD research
Namrata Maiti	M.Sc., Department of Botany	2023	Ariel University, Israeli Consulate	PhD research
Chandrabati Chatterjee	M.Sc., Department of Botany	2023	Presidency University, Kolkata	PhD research
Priyanka Goswami	M.Sc., Department of Botany	2023	Department of Microbiology, University of	PhD research

				Calcutta	
	Samiran Panja	M.Sc., Department of Botany	2023	Department of Biotechnology, IIT Guwahati	MTech student
	Prima Bagui	M.Sc., Department of Botany	2023	IIT Khragpur	MTech/ PhD

(iv) Several students qualified in NET, GATE and other examinations during the year 2022-2023

(v) 21 research scholars received PhD degree from the Department during the year 2022 – 2023

Year	Roll Numbers	NET	SLET	GATE	Civil Services	State government examinations
2022-23		17	01	08	01 WBCS - Executive	05 (WBCSC)

	Name of the PhD scholar	Name of the Department	Name of the guide/s	Title of the thesis	Year of registration of the scholar	Year of PhD awarded
1.	Nabanita Banik	Botany	Prof Soumen Bhattacharjee	Comparative proteomic and physiological approaches for the characterization and identification of redox-regulatory mechanisms of two rice genotypes	2017	2022
2.	Urmi Halder	Botany	Prof. Rajib Bandopadhyay	Studies on a novel Southern Ocean <i>Bacillus altitudinis</i> strain SORB11 and its biotechnological potentials using	2017	2022

				Phenetic and Next Generation Sequencing based genomics approaches		
3.	Raju Biswas	Botany	Prof. Rajib Bandopadhyay	Potent microbial isolates from high altitude lakes of Sikkim and its biological activities	2017	2022
4.	Bhramar Dutta	Botany	Prof. Rajib Bandopadhyay	Molecular Characterization of Halophilic Bacteria from Delta Areas of West Bengal and Its Biotechnological Application for Industrially Important Enzyme Production	2018	2022
5.	Shrabana Sarkar	Botany	Prof. Rajib Bandopadhyay	Decolorization and Degradation of Synthetic Azo Dye by Textile Effluent Origin Thermotolerant Bacteria	2018	2022
6.	Subhankar Pramanik	Botany	Prof. J. P. Keshri	As assessment of the palaeofloral transition across the non-marine Permian-Triassic sequence in peninsular India.	2018	2022

7.	Stuti Saxena	Botany	Prof. J. P. Keshri	Investigation on phytoplankton diversity and geochemistry of the Miocene-Pliocene sequence from the Andaman and Nicobar Islands: Their significance in past climate reconstruction.	2018	2022
8.	Dibyendu Saha	Botany	Prof. J. P. Keshri	Investigation on the phytoplankton diversity of abandoned open cast coal mine pits in certain areas of Raniganj Coalfield, West Bengal, India.	2018	2022
9.	Sujit Sil	Botany	Dr. Asok Ghosh & Dr. K.K.De	A contribution to the specification of <i>Saraca</i> L. based on morphological, pharma-biochemical and molecular criteria.	2016	2022
10.	Subhajit Lahiri	Botany	Dr. Asok Ghosh & Dr. S.S. Dash(BSI)	Studies on alpine and subalpine vascular plant diversity and community structure of two landscapes of Sikkim Himalaya (in collaboration with	2017	2022

				Botanical Survey of India).		
11.	Kalyan Mahapatra	Botany	Dr. Sujit Roy, Department of Botany, B.U.	Investigation of structure-function aspects of SUPPRESSOR OF GAMMA RESPONSE 1 in DNA damage response in <i>Arabidopsis thaliana</i>	2017	2022
12.	Sayanti De	Botany	Dr. Sujit Roy, Department of Botany, B.U.	Plant Response to UV-B Stress: Unveiling the link between induction of DNA damage and endoreduplication, cell cycle control and epigenetic regulation using <i>Vigna radiata</i> (L.) R. Wilczek as model system	2017	2022
13.	Mehali Mitra	Botany	Dr. Sujit Roy	Understanding the structure-function aspects and post-translational regulation of <i>Arabidopsis thaliana</i> MYB4 transcription factor	2016	2022
14.	Chandan Das	Department of Botany	Prof. Abhijit Bandyopadhyay	ALLELOPATHY OF SHOREA ROBUSTA	2014	2022

				GAERTN. F. ITS BIOCHEMICAL BASIS		
15.	Shinjan Dey	Department of Botany	Prof. Sikha Dutta	COMBINATORIAL EFFECT OF MYCORRHIZA, MYCORRHIZAL HELPER BACTERIA AND PLANT GROWTH PROMOTING FUNGI ON ALKALOID PRODUCTION WITH SPECIAL REFERENCE TO	2017	2023
16.	Biyas Mukherjee	Department of Botany	Prof. Sikha Dutta	INVESTIGATION ON PLANT GROWTH PROMOTING MICROBES FOR FORMULATION OF MICROBIAL CONSORTIA WITH A VIEW TO MODULATE THE	2017	2023
17.	Subrata Majumder	Department of Botany	Dr. Asok Ghosh	PhytolithMorphotypes in Cyperaceae from West Bengal and Their Taxonomic Significance.	2017	2023
18.	Anubhab Laha	Botany	Prof. Rajib Bandopadhyay	<i>In silico</i> comparative study of sequences and structures of proteinaceous	2019	2023

				allergens by molecular docking approach using anti allergic compounds		
19.	Durga Kora	Botany	Prof Soumen Bhattacharjee	Metabolic and molecular approaches for exploring the role of H ₂ O ₂ as second messenger in salicylic acid induced adventitious root formation in mung bean [Vigna radiata (L.) R. Wilczek]	2018	2023
20.	Debasmita Sen	Botany	Prof. Soumen Bhattacharjee, Deptt. of Botany, B.U	Screening Amaranths commonly cultivated in Gangetic West Bengal for their phytochemicals having antioxidant properties and drought stress tolerance attributes.	2017	2023
21	Utpal Krishna Roy	Botany	Prof. Soumen Bhattacharjee, Deptt. of Botany, B.U	Molecular and cytological approaches for screening some land races of rice of Sundarban and based on their redox-regulatory properties	2017	2023

				under salinity stress		
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(vi) Research Scholars of Department joined faculty position at the University and Colleges in India and abroad

- Dr. Aparna Banerjee joined as Professor at Universidad Católica del Maule, Talca, Chile in 2023
- Dr. Shrabana Sarkar joined as Assistant Professor at Universidad Católica del Maule, Talca, Chile in 2023
- Dr. Krishnendu Pramanick joined as Assistant Professor at Cooch Behar Panchanan Barma University, West Bengal in the year 2023.
- Dr. Durga Kora joined as Assistant Professor at SGB College, Mogra, West Bengal in 2023
- Dr. Priyanka Chakraborty joined as Assistant Professor at Asansole Girls College, West Bengal in 2023
- Dr. Arunava Dutta joined as Assistant Professor at Pashkura College, West Bengal in 2023

(vii) Students of the Department joined administrative positions

- Aditi Gannguli joined as WBCS Executive in 2023

- Arpan Dey joined as Botanical Assistant at BSI, Kolkata in 2023

(viii) Faculty members of the Department received noteworthy recognitions.

- Prof. Soumen Bhattacharjee has been enlisted under the top 2% scientist in survey conducted by Stanford University, USA in 2022 and 2023.
- Prof. Soumen Bhattacharjee has been serving as the Expert member of AYUSH, WB-DST-BT since 2023.
- Prof. Rajib Bandyopadhyay has served as the Expert member of PSC, Govt of West Bengal, Govt. of Jharkhand in the year 2023.
- Prof. Sikha Dutta received Best Researcher Award by Young Scientist Award in 2024
- Prof. Sikha Dutta has served as Expert Member- CSC, Govt of West Bengal in the year 2023.
- Dr. Asok Ghosh served as the Expert member of PSC, Govt of Odisha in the year 2023.
- Dr. Sujit Roy has been elected as the member of National Academy of science, India in 2022.
- Dr. Sujit Roy has been enlisted in the top 2% scientist in the survey conducted by Stanford University, USA in 2022 and 2023.
- Dr. Sujit Roy has been elected as Fellow of West Bengal Academy of Science and Technology in 2023.

o m													
	2 nd Sem (202 2- 2024 batch)	1 2				0 4			0 5 (E x c l u d i n g O B C)				20(Excluding OBC)
	3 rd Sem												
	4 th Sem (202 1- 2023 batch)	0 4				1 3			1 7 (E x c l u d i n g O B C)				26(Excluding OBC)
M .													

8	Somashri Mondal	<i>SOME ASPECTS OF TRAINING NEEDS ANALYSIS IN SELECT ORGANIZATIONS OF PURBA AND PASCHIM BARDHAMAN: A COMPARATIVE STUDY</i>	Dr. Nirmal Chandra Roy
9	Anirban Ghosh	<i>QUALITY OF WORK LIFE OF INDIAN RAILWAY EMPLOYEES: AN EMPIRICAL STUDY ON NORTH EAST FRONTIER RAILWAYS</i>	Dr. Nirmal Chandra Roy

***C. Research by Faculty Members: [Papers published during this year only]**

	Name of the Teacher	Title of Papers	Ref. to the Publication	Type of publication * *
	<i>Dr Nirmal Chandra Roy</i>	Factors Influencing Industrial Relations in the Indian Tea Industry: Study in the Darjeeling, Terai, and Dooars Region	https://www.inderscience.com/jhome.php?jcode=ijsem	UGC Care/Web of Science
	<i>Dr Nirmal Chandra Roy</i>	Determinants of Customer Satisfaction in the Indian Telecommunication Industry: Study in West Bengal and Assam Region	inderscienceonline.com/doi/abs/10.1504/IJICBM.2022.127723	UGC Care/Web of Science
	<i>Dr Nirmal Chandra Roy</i>	Impact of Covid-19 on the Migrant Worker Livelihood: Study in the Jalpaiguri Region,	https://www.inderscienceonline.com/doi/abs/10.1504/IJSEM.2022.126217	UGC Care/Scopus/A

		India		BDC
	<i>Dr Nirmal Chandra Roy</i>	Examining the influence of Small tea cultivation (STC) on the earnings of the Bangladeshi migrants' farmers in Jalpaiguri districts of West Bengal, India.	https://journals.sagepub.com/doi/10.1177/02560909231208555	UGC Car e/Sc opu s
	<i>Dr Nirmal Chandra Roy</i>	Job Stress and Employees' Satisfaction in the Hospitality and Tourism Sector of North East India	https://journals.itb.ac.id/index.php/ajht/article/view/20858	UGC care / ABD C

* Please do not furnish the reports of Papers which were published before 1.06.16. Information regarding papers sent or accepted will not appear in the Annual Report.

** Only those articles are to be reported which are recognized for the UGC prescribed API *calculation*. Types are:-

(A) Referred journal (B) Journal/periodical having ISSN, (C) book/chapter in Ed.Vol. Published by International Publisher (D) Book/chapter in Ed.vol. published by National level publisher with ISBN (E) Book/Chapter in Ed.vol. Published by local level publisher with ISBN.

Sl.No.	Name of the Project	Sanctioning Authority	Amount sanctioned	Duration & Progress
	NIL	NIL	NIL	NIL

5. Examination Results :

Course	Appeared			Passed		
	Men	Women	Total	Men	Women	Total
Sem I	-	-	-	-	-	-
Sem II(2022-2024 Batch)	17	16	33	17	16	33
Sem III						
Sem IV (2021-2023 Batch)	11	19	30	11	19	30

6. Faculty Improvement Programme: *[Please give a short note on the measures taken]*

7. Patent awarded/ applied for: **Nil**

8. Any other achievement of the Department: **Nil**

DEPARTMENT OF CHEMISTRY

Programs offered during the year : M.Sc. in Chemistry, PhD course work in Chemistry

3.1 List of courses offered across all programs during last five years				
Program code	Program name	Course code	Course name	Year of offering the course
M.Sc. In Chemistry (CBCS)	M.Sc. In Chemistry (CBCS)	SEM II, MSCH201	Inorganic General	2022-2024
		SEM II, MSCH202	Nuclear-Analytical General	
		SEM II, MSCH203	Organic General	
		SEM II, MSCH204	Physical General	
		SEM II, MSCH205	Organic Practical	
		SEM II, MSCH206	Physical Practical	
		SEM IV, MSCH401	Physical Advance General	2021-2023
		SEM IV, MSCH402	Medicinal Chemistry	
		SEM IV, MSCH403-(I/N/O/P)	InOrg/NA/Org/Phy special II	
		SEM IV, MSCH404-(I/N/O/P)	InOrg/NA/Org/Phy special III	
		SEM IV, MSCH405-(I/N/O/P)	InOrg/NA/Org/Phy special II Practical	
		SEM IV, MSCH406-(I/N/O/P)	InOrg/NA/Org/Phy special II term paper	
		SEM I, MSCH101	Inorganic General	2023-2025
SEM I,	Nuclear-Analytical General			

		MSCH102		
		SEM I, MSCH103	Organic General	
		SEM I, MSCH104	Physical General	
		SEM I, MSCH105	Inorganic General Practical	
		SEM I, MSCH106	Nuclear-Analytical General Practical	
		Sem III, MSCH301	Inorganic General	2022-2024
		Sem III, MSCH302	Nuclear-Analytical General	
		Sem III, MSCH303	Organic General	
		Sem III, MSCH304- (I/N/O/P)	InOrg/NA/Org/Phy special I	
		Sem III, MSCH305- (I/N/O/P)	InOrg/NA/Org/Phy special I Practical	
		Sem III, MSCH304-M	Basics in Medicinal Chemistry	
		Sem III, MSCH304-I	Basics in Industrial Chemistry	
PhD course work in Chemistry	PhD course work in Chemistry	PHDCW101	Research methodology and research ethics	
		PHDCW102	Chemistry	
		PHDCW103	Project/termpaper	

Name of the Full-time teacher	PAN	Designation	Year of appointment	Nature of appointment (Against Sanctioned post, temporary, permanent)	Name of the Department	Total years of Experience in the same institution
Alak Kumar Ghosh	ADGPG2099A	Professor	2006	Permanent	Dept. of chemistry	18
Amalendu Sinhababu	BQLPS6030A	Selection Grade Teacher	1995	Permanent	Dept. of chemistry	27
Bholanath Mandal	AEDPM5955R	Professor	1999	Permanent	Dept. of chemistry	24
Bimalendu Ray	ACRPR2484G	Professor	1998	Permanent	Dept. of chemistry	25
Bidyut Saha	AMAPS2336P	Professor	2005	Permanent	Dept. of chemistry	18
Debasis Das	ADVDP9412D	Professor	2007	Permanent	Dept. of chemistry	16
Moni Baskey Sen	APHPB7458K	Assistant Professor	2012	Permanent	Dept. of chemistry	11

Inul Ansary		Assistant Proferssor	2012	Permanen t	Dept. of chemist ry	11
Pabitra Chattopa dhyay	AFFPC61 05A	Professor	1999	Permanen t	Dept. of chemist ry	24
Prafullya Kumar Mudi	COSPM5 891K	Assistant Proferssor	2023	Permanen t	Dept. of chemist ry	0.5
Rajarshi Ghosh	AOQPG7 872N	Associate Proferssor	2008	Permanen t	Dept. of chemist ry	15
Sumanta Bhattach arya		Professor	2007	Permanen t	Dept. of chemist ry	16
Sayani Ray	BDUPR7 286P	Assistant Proferssor	2016	Permanen t	Dept. of chemist ry	7
Tanmoy Das	AEUPD7 086H	Associate Proferssor	2005	Permanen t	Dept. of chemist ry	18
Ujjwal Mandal	AWTPM 6941P	Assistant Proferssor	2016	Permanen t	Dept. of chemist ry	7

Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the year

Sl.No	Name of Resea rch	Year of enrol ment	Durat ion of fellow ship	Type of the fellow ship	Gran ting agen cy	Qualifying exam if any (NET, GATE, etc.)
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	fellow					
AKG	Sourav Bag	2023				NET
	Arnab Patra	2022				
	Pritam Ghosh	2023				NET
	Mir Soleman Ali	2023				NET
	Trisha Mandal	2022				
	Nargis Khatun	2022				
	Meheboob Rahman	2023				NET

3.2.3 Number of research projects per teacher funded by government and non-government agencies during the year

Name of the Scheme/Project/Endowments/Chairs	Name of the Principal Investigator/ Co Investigator (if applicable)	Name of the Funding agency	Type (Government/Non-Government)	Department	Year of Award
	S Bhattacharya	CSIR, New Delhi	Govt.	Dept. of Chemistry	2021
	P Chattopadhyay	CSIR, New Delhi	Govt.	Dept. Of	2023

				Chemistry	
	S Ray	DSTB, Govt. of WB	Govt.	Dept. of Chemistry	2021

Name of the Department	Name of the guide/s	Title of the thesis
Chemistry	Bidyut Saha	STUDIES ON DYNAMICS OF MICELLAR CATALYSED ORGANIC TRANSFORMATION IN AQUEOUS MEDIUM
Chemistry	Bidyut Saha	STUDIES ON RATE OF SURFACTANT ASSISTED ORGANIC TRANSFORMATION IN AQUEOUS MEDIUM
Chemistry	Debasis Das	Studies on Photo-physical interactions of several new organic molecules and metal complexes with bio and environment relevent species
Chemistry	Sayani Ray	"SOME FUNCTIONAL MATERIALS FROM PLANT POLYSACCHARIDES: SYNTHESIS, CHARACTERIZATION AND BIOLOGICAL ACTIVITY".
Chemistry	Bholanath Mandal	Experimental and Theoretical Studies on some reaction networks
Chemistry	Moni Baskey (Sen)	DESIGN OF NANOCATALYSTS FOR ENVIRONMENTAL REMEDIATION
Chemistry	Bidyut Saha	STUDIES OF SURFACTANT AGGREGATES IN OXIDATION OF ALCOHOLS USING ALKALINE COPPER (III) PERIODATE (DPC) COMPLEX
Chemistry	Pabitra Chattopadhyay	Reaction-based fluorescent sensors for detection of some ionic species and molecules: design, characterization and application

Number of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities during the year

Room number or Name of classrooms/Seminar Hall with LCD / wifi/LAN facilities with room numbers	Type of ICT facility	Link to geo tagged photos and master time table
G-18, Lecture Theater 1	Power point projectors	
	On-line journals	
	G-suite	
Seminer room, 101	Power point projectors	
	On-line journals	
	G-suite	
Computer room, 122	On-line journals	
	G-suite	

DEPARTMENT OF COMMERCE

Programs offered during the year : M.Com, M.Phil, Ph.D
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Full time teachers during the year					
Name		Email	Gender	Designation	Date of joining institution
Prof. Debasish Sur		dsur@com.buruniv.ac.in	Male	Professor	21.01.1999
Prof. Debdas Rakshit		drakshit@com.buruniv.ac.in	Male	Professor	08.05.2002
Prof. Arindam Das		adas@com.buruniv.ac.in	Male	Professor	12.12.2003
Prof. Arindam Laha		alaha@com.buruniv.ac.in	Male	Professor	17.09.2009
Prof. Som Sankar Sen		sssen@com.buruniv.ac.in	Male	Professor	15.10.2014
Dr. Sumit Kumar Maji		skmaji@com.buruniv.ac.in	Male	Assistant Professor	01.02.2013
Dr. Manidipa Dasgupta		mdasgupta@com.buruniv.ac.in	Female	Assistant Professor	16.09.2013

Number of new courses introduced of the total number of courses across all programs offered during the year

Name of the Course	Course Code	Year of introduction	Activities/Content with direct bearing on Employability/ development	with direct bearing on Entrepreneurship/ Skill
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Statistics for Business Decisions &	COM 104, COM 202	2020-21	The course will enable the students to enhance their skill in data analytics which will provide them competitive edge in employment
Marketing Management and Strategic Management	COM 205	2020-21	This course will provide the students the relevant theoretical understanding regarding latest marketing tools and strategies. It can enable them to exploit marketing job opportunities in the private sector.
Direct and Indirect Taxes	COM 301	2020-21	The knowledge in this subject will empower the students to work independently as tax consultants and also will help them to get employment opportunities both in public and private sectors.
Computer Applications in Business – I & II	COM 302, COM 402	2020-21	The students will be equipped with the latest ICT techniques which will favourably affect their employability
Security Analysis and Portfolio Management &	COM 304A	2020-21	With the knowledge in these subjects, the students will be able to work independently as a financial planner and advisors, Besides the students can also exploit the employment opportunities in the capacity of investment professional and risk manager both in private and public sectors.
Financial Institutions and Financial Derivatives	COM 404A		
Management of Commercial Banks & Insurance	COM 403B	2020-21	This course will equip the students to work as managers in banking and insurance sectors.
Financial Reporting and Financial Statement Analysis &	COM 201, COM 403C, COM 404C	2020-21	The knowledge in these courses will enable the students to learn the latest domestic and global corporate reporting frameworks. It will help them to work as accountant and financial analysts as well.

Corporate Reporting I&II			
Business Valuation	COM 403A	2020-21	The students can learn the latest valuation techniques which will empower them to work as business valuer independently as well as in corporate sectors.

Number of seats available during the year

Year				
Programme name	Programme Code	Number of seats available/sanctioned	Number of eligible applications received	Number of Students admitted
M. Com		130		130
M.Phil		5		5
Ph.D		3		3

Number of actual students admitted from the reserved categories during the year

Year	Number of students admitted from the reserved category				
	SC	ST	OBC	Gen	Other

Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the year

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Sl. No	Name of Research fellow	Year of enrolment	Duration of fellowship	Type of the fellowship	Granting agency	Qualifying exam if any (NET, GATE, etc.)
1	Mohit Bhattar	Admitted to Ph.D Programme and Joined as JRF on 13.10.2021	2 years 8 months	JRF	UGC	NET
2	Samim Aktar Molla	Admitted to Ph.D Programme and Joined as JRF on 10.10.2021	2 years 8 months	JRF	UGC	NET
3	Suman Koner	Admitted to Ph.D Programme and Joined as SRF on 02.03.2022	2 years 4 months	SRF	UGC	NET
4	Soumyadwip Das	Admitted to Ph.D Programme and Joined as JRF on 26.12.2019	3years 6 months	JRF	UGC	NET
5	Sandhya Kumari Shaw	Admitted to Ph.D Programme and Joined as JRF on 10.10.2021	1year 9 months	JRF	UGC	NET
6	Pradip Bhabak	Admitted to Ph.D Programme and Joined as JRF on 29.07.2023	1month	JRF	UGC	NET
						r s
2022-24		30	4	30	6 6	0

Number of Ph.D.s awarded per teacher during the year

Name of the PhD scholar	Name of the Department	Name of the guide/s	Title of the thesis
Nilojyoti Koner	Commerce	Arindam Laha	Economics of Organic Farming and Marketing Opportunity in Select Districts of West Bengal
Nandita Mallik	Commerce	Debasish Sur & Chittaranjan Sarkar	Profitability trends in selected pharmaceutical companies in India and Bangladesh: A comparative study
Shubha Ranjan Dutta	Commerce	Som Sankar Sen	Stock Market Liquidity and Value of Firm: A Study of Indian Stock Market
Ananya Paul	Commerce	Debdas Rakshit	linkage between earnings management and financial distress: A study with reference to select Indian companies
Jeet Mukherjee	Commerce	Arindam Das	Evaluation of Different Approaches to Portfolio Optimisation in the Light of Indian Capital Market
Nilotpall Mukherjee	Commerce	Arindam Das	Debt Overhang Paradox: Evidence from Indian Corporate Sector

Number of research papers per teacher in the Journals notified on UGC website during the year

Title of paper	Name of the author/s	Department	Name of journal

		m e n t o f t h e t e a c h e r	
Impact of Macroeconomic Factors on Banking Stock Index: Empirical Evidences from Indian Banking Sector	Maji, S. & Laha, A	C o m m e r c e	International Journal of Indian Culture and Business Management
State of Digital Divide and Its Determinants: Evidences from Student Level Survey in West Bengal, India.	Maji, S. & Laha, A.	C o m m e r c e	International Journal of Business Environment
Role of Financial and Digital Literacy in Determining Digital Transaction Behavior: Evidences from Student Level Survey in West Bengal (India).	Maji, S. & Laha, A.	C o m m e r c	International Journal of Business Environment

		e	
Financial Literacy and its Antecedents amongst the Farmers: Evidence from India	Maji, S. & Laha, A.	C o m m e r c e	Agricultural Finance Review
Missing Worldview in the Economic Agenda of Bharatiya Janata Party: What can be Learned from Social and Solidarity Economy?	Laha, A.	C o m m e r c e	The Round Table
Global Access to Covid-19 Vaccine: A Game Theoretic Approach	Laha, A, Maji, S. & Sen, S.	C o m m e r c e	Social Change and Development
Farmer's financial literacy and its determinants: evidence from South Asia	Das, S. & Maji, S. K.	C o m m e r c e	International Journal of Social Economics
Convergence of growth rate of profitability in Maharatna and Selected Navaratna companies in India	Debasish Sur & Krishna Singh	C o m m e r	International Journal Business and Globalisation

		c e	
Occupational Health and Safety Awareness in Micro and Small Enterprises in Select Sectors of West Bengal: An Empirical Assessment	Dasgupta, M. & Sarkar, S	C o m m e r c e	International Journal of Indian Culture and Business Management
Social Well-Being of Women Entrepreneurs through Digital Inclusion in MSMEs of West Bengal	Dasgupta, M. & Nath, Seeuly	C o m m e r c e	Third Concept
Bank Sustainability, Default Risk and Systemic Risk Nexus	Biswas, A & Das, A	C o m m e r c e	The Management Accountant
Portfolio optimization in the light of sustainability constraint: Evidence from Indian Capital Market	Mukherjee, J, Das, A and Roy, S	C o m m e r c e	IITM Journal of Business Studies
THE IMPACT OF CORPORATE SPIN-OFFS ON SHARE PRICE MOVEMENT: EMPIRICAL EVIDENCE FROM INDIA	Rakshit, D. & Banerjee, S.	C o m m e	The Management Accountant

						d u r i n g t h e y e a r : P e r c e n t a g e o f c o n t e n t a d d e d	
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								o r r e p l a c e d
M SC S	<p>M.Sc. In Computer Science</p> <p>Course Code: MSCS-302</p> <p>Discipline- centric Elective (E1) Elective (E1): A: Machine Learning B: Cryptography and Network Security C: Software Project Management D: Data Mining E: Object Technology using JAVA F: Soft Computing G: Theory of Computing</p>	202 1	Y es	20 21	N A	N A	https://www.buruniv.ac.in/Downloads/Syllabus/Syllabus_MCA_2021-2022.pdf	
M SC S	<p>M.Sc. In Computer Science</p> <p>Course Code: MSCS-MIE-303</p>	202 1	Y es	20 21	N A	N A	https://www.buruniv.ac.in/Downloads/Syllabus/Syllabus_MCA_2021-2022.pdf	

	<p>OR MSWM-303 Generic Elective (GE)</p> <p>Generic Elective:</p> <p>A: Internet and E-Commerce B: Web Security C: Introduction to Artificial Intelligence D: Cryptography E: Introduction to Programming Or F: MSWM-303 - May be opted from SWAYAM</p>						
MS CS	<p>M.Sc. In Computer Science</p> <p>Course Code: MSCS-307</p> <p>Discipline- centric Elective: (E2) (E2): A: Operation Research and Optimization B: Model Checking C: Bioinformatics D: Internet of Things E: Data Science F: Deep Learning and NLP</p>	202 1	Y es	20 21	N A	N A	<p>https://www.buruniv.ac.in/Downloads/Syllabus/Syllabus_MCA_2021-2022.pdf</p>

	M.Sc. In Computer Science						
	Course Code: MSCS-402						
	Discipline- centric Elective: (E3) (E3): A: Mobile Computing B: Computer Graphics & Multimedia C: Real time system D: Image Processing E: Block Chain Technology F: Web Technology						
MS CS		202 1	Y es	20 21	N A	N A	https://www.buruniv.ac.in/Downloads/Syllabus/Syllabus_MCA_2021-2022.pdf

Total number of courses having focus on employability/ entrepreneurship/ skill development offered by the University during the year: 18				
Number of new courses introduced of the total number of courses across all programs offered during the year				
N a m e of th e C o u	C o u r s e C o		Activities/Content with direct bearing on Employability/ Entrepreneurship/ Skill development	Link to the relevant document

rs e	d e			
A d v a n c e d A l g o r i t h m D e s i g n	M S C S - 1 0 1		Students should develop a sound theoretical understanding and basic knowledge of a wide range of advanced algorithm design techniques including dynamic programming, linear programming, approximation algorithms, and randomized algorithms in order to identify research gaps and hence to provide solution to new ideas and innovations	https://www.buruniv.ac.in/Downloads/Syllabus/Syllabus_MCA_2021-2022.pdf
M a c h i n e L e a r n i n g	M S C S - 3 0 E l e c t i v e		The students are expected to have the ability to formulate a machine learning problem and select an appropriate pattern analysis tool for analyzing data in a given feature space. Students may apply machine learning techniques such as classification and feature selection to real life applications and detect patterns in the data.	https://www.buruniv.ac.in/Downloads/Syllabus/Syllabus_MCA_2021

	: E 1 - A		
Cryptography and Network Security	M S C S - 3 0 2 : E l e c t i v e : E 1 - B		Network security is one of the most important computer science issues today. This course covers the latest practices for building reliable and secure code to defend against various attack techniques, harmful viruses and threats. It helps businesses meet mandatory compliance regulations, protect customer data, and reduce the risk of legal action.
Software Project Management	M S C S - 3 0 2 : E l e c t i		After undergoing the course, students will be able to determine an appropriate project management approach through an evaluation of the business context and scope of the project.
			https://www.buruniv.ac.in/Downloads/Syllabus/Syllabus_MCA_2021
			https://www.buruniv.ac.in/Downloads/Syllabus/Syllabus_MCA_2021

t	v e : E 1 - C		
Data Mining	M S C S - 3 0 2 : E l e c t i v e : E 1 - D		<p>Various techniques of Data Mining such as regression analysis, association, and clustering, classification, and outlier analysis are applied to data in building a marketing strategy, by hospitals for diagnostic tools, by eCommerce for cross-selling products, in Science And Engineering, in Research to explore the associations between the parameters under research and through many other ways.</p> <p>https://www.buruniv.ac.in/Downloads/Syllabus/Syllabus_MCA_2021</p>
Soft Computing	M S C S - 3 0 2 : E l e c		<p>After undergoing the course, students will be able to identify and select a suitable Soft Computing technology to solve a wide range of computational problems in industry, government, or other work environments; construct a solution and implement a Soft Computing solution.</p> <p>https://www.buruniv.ac.in/Downloads/Syllabus/Syllabus_MCA_2021</p>

	t i v e : E 1 - F		
Internet and E-Commerce	M S C S - M I E - 3 0 3 : A		This course defines the security controls sufficient to provide a required level of confidentiality, integrity, and availability in an organization's computer systems and networks. It helps to understand the processes of developing and implementing information systems and to be aware of the ethical, social, and security issues of information systems.
Internet and E-Commerce	M S C S - M I E - 3 0 3 : C		Students will be able to use different machine learning techniques to design AI machine and enveloping applications for real world problems. This course helps to analyze and design a real world problem for implementation and understand the dynamic behavior of a system.
Introduction	M S C S -		This paper explains concept of python programming language which helps to develop, debug and test application programs to understand technical problems with computational systems in Research and Development.
			https://www.buruniv.ac.in/Downloads/Syllabus/Syllabus_MCA_2021
			https://www.buruniv.ac.in/Downloads/Syllabus/Syllabus_MCA_2021
			https://www.buruniv.ac.in/Downloads/Syllabus/Syllabus_MCA_2021

n to Pr og ra m m i n g	M I E - 3 0 3 : E		bus/Syllabu s_MCA_20 21
O pe ra tio n R es ea rc h an d O pti mi za tio n	M S C S - 4 0 1 : E l e c t r i c : E 2 - A	This programme helps to address specific application areas including transportation and logistics, production planning, inventory control, scheduling, location analysis, forecasting, and supply chain management.	https://www.buruniv.ac.in/Downloads/Syllabus/Syllabus_MCA_2021-2022.pdf
M od el C he ck in g	M S C S - 4 0	This course helps to identify novel and significant open research questions in electrical engineering and computer science and are able to situate such questions in the contexts of current research literatures. Students can apply their knowledge of computing, mathematics, science and engineering to the analysis of technological problems, as well as to the design and implementation of viable solutions to those problems.	https://www.buruniv.ac.in/Downloads/Syllabus/Syllabus_MCA_2021-2022.pdf

	1 : E l e c t i v e : E 2 - B		
Bi o i n f o r m a t i c s	M S C S - 4 0 1 : E l e c t i v e : E 2 - C	After undergoing the course, students will be able to build in candidates a strong foundation in interdisciplinary sciences such as Computer Sciences and Biological Sciences, to develop accelerated and precise technologies for industrial problems, and prepare them for productive careers in fields of biotechnology, pharmaceutical, bioinformatics, Research, and healthcare industries.	https://www.buruniv.ac.in/Downloads/Syllabus/Syllabus_MCA_2021-2022.pdf
In t e r n e	M S C	The students will be able to use the IoT technologies in practical domains of society. The students will be able to gain knowledge about the state of the art methodologies in IoT application domains such as	https://www.buruniv.ac.in/Downl

t of T h i n g s	S - 4 0 1 : E l e c t i v e : E 2 - D	IoT healthcare applications, voice assistants (Siri and Alexa), smart cars (Tesla), and smart appliances (iRobot), etc.	oads/Syllabus/Syllabus_MCA_2021-2022.pdf
D a t a S c i e n c e	M S C S - 4 0 1 : E l e c t i v e : E	This course helps to analyze very large data sets in the context of real world problems which demonstrates an understanding of appropriate research methods used to collect and analyze data for decision-making and communications; inclusive of traditional and digital forms of communication.	https://www.buruniv.ac.in/Downloads/Syllabus/Syllabus_MCA_2021-2022.pdf

		2 - E			
Mobile Computing	MCS	–	402	: E l e c t i v e : E 3 - A	<p>After completing this course, students will be able to understand and identify the GSM, GPRS and Bluetooth software model for mobile computing. It helps to develop applications that are mobile-device specific and demonstrate current practice in mobile computing contexts.</p> <p>https://www.buruniv.ac.in/Downloads/Syllabus/Syllabus_MCA_2021-2022.pdf</p>
Image Processing	MCS	–	402	: E l e c	<p>After successful completion of this subject students will be able to understand image formation and the role human visual system plays in perception of gray and color image data and get broad exposure to and understanding of various applications of image processing in industry, medicine, and defence.</p> <p>https://www.buruniv.ac.in/Downloads/Syllabus/Syllabus_MCA_2021-2022.pdf</p>

		t i v e : E 3 - D			
Bl oc k C h a i n T e c h n o l o g y		M S C S - 4 0 2 : E l e c t i v e : E 3 - E		This course gives students the understanding of emerging abstract models for Blockchain Technology and to familiarise with the functional/operational aspects of cryptocurrency eco-system.	https://www.buruniv.ac.in/Downloads/Syllabus/Syllabus_MCA_2021-2022.pdf
W e b T e c h n o l o g y		M S C S - 4 0		On completion of this course, a student will be familiar with client server architecture and able to develop a web application using java technologies. Students will gain the skills and project-based experience needed for entry into web application and development careers.	https://www.buruniv.ac.in/Downloads/Syllabus/Syllabus_MCA_2021-2022.pdf

	2 : E l e c t i v e : E 3 - F				
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Number of value-added courses for imparting transferable and life skills offered during the year:

2

Total number of students enrolled in the courses

Year -1						
Name of the value added courses (with 30 or more contact hours) offered	Course Code (if any)	Year of offering	N o. of ti m es of fer ed du rin g th e sa m e ye ar	Dur atio n of cour se	Nu mb er of stu de nts enr oll ed in the yea r	Num ber of Stude nts comp leting the cours e in the year
Operation Research and Optimization	MSCS – 401: Elective: E2-A	2023	1	6 Mo nths	13	13
Bioinformatics	MSCS – 401: Elective: E2-C	2023	1	6 Mo nths	13	13

Number of students undertaking field projects / research projects / internships during the year: 26

Number of actual students admitted from the reserved categories during the year

Year	Number of seats earmarked for reserved category as per GOI or State Government rule					Number of students admitted from the reserved category				
	S C	S T	O B C	G e n	Ot her s	S C	S T	O B C	G e n	Ot he rs
2023	09	02	06	19	04	5	3	5	18	0

Number of students appeared in the University examination during the year : 23

Number of full time teachers against sanctioned posts during the year & experience of full time teachers during the year

Name of the Full-time teacher	Designation	Year of appointment	Nature of appointment (Against Sanctioned post, temporary, permanent)	Name of the Department	Total years of Experience in the same institution	Is the teacher still serving the institution /If not last year of the service of

							Faculty to the Institution
Dr. Abhoy Chand Mondal		Head & Professor	1996	Permanent	Computer Science	27	Yes
Dr. Sunil Karforma		Professor	2000	Permanent	Computer Science	23	Yes
Dr. Parthajit Roy		Asst. Professor	2007	Permanent	Computer Science	16	Yes
Mr. Rahul Karmakar		Asst. Professor	2014	Permanent	Computer Science	9	Yes
Mr. Sanjib Mandal		Faculty	2009	Permanent	Computer Science	14	Yes

Total number of full time teachers who received awards, recognition, fellowships at State, National, International level from Government/Govt. recognised bodies during the year The institution provides incentives to teachers who receive state, national and international recognitions/awards

1. Commendation and monetary incentive at a University function
2. Commendation and medal at a University function
3. Certificate of honor
4. Announcement in the Newsletter / website

						ard	
Dr. Sunil Kar for ma	2 0 2 2		P r o f e s s o r	Dean, Faculty Council for PG Studies in Science	The University of Burdwan	N A	https://www.buruniv.ac.in/Demo/Template.php?menu=AboutUs&submenu=DeanSc

Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the year

Sl.No	Name of Research fellow	Year of enrolment	Duration of fellowship	Type of the fellowship	Granting agency	Qualifying exam if any (NET, GATE, etc.)
1	Gourango Ghosh	2023				SET
2	Sonali Mondal	2023	5Yrs	State Fund	West Bengal Govt.	NET
3	Joyeta Chandra	2023	5Yrs	MCMS	West Bengal Govt.	
4	Joydeep Dey	2022				

5	Subhajt Adhikari	2022				NET
6	Anirban Bhowmik	2022				
7	Dipankar Chatterjee	2021				NET
8	Sk Anamul Hoda	2021				
9	Aditi Ghosh	2021				NET
10	Anirban Panja	2021	5 Yrs	UGC-JRF	UGC	NET

Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development year wise during the year

Name of the workshop/ seminar	Number of Participants	Date From – To	Link to the Activity report on the website	Date of establishment of IPR cell
Webinar on web application & new trends for web development Resource person: Mr. Mousum Bhattacharjee (Sr. Project Manager, SAMMSA Solutions Corporation Pvt. Ltd)	27	22.01.2022		
One Day Webinar On AI and Machine Learning Resource Person: Mr. Ashish Singhal (MD & CEO of Inaavi Consultancy) Email: ashish.singhal@inaavi.in	30	15.01.2022		
Artificial Intelligence: The Future of Technology Lies Here	65	06.01.2022		

	DCG AILABS Academy Pvt Ltd DCG DATA-CORE SYSTEMS (INDIA) PVT. LTD. Saikat Dutta (Senior Executive): 8777370400		2		
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Total number of Patents published/awarded year wise during the year

Name of the Patenter	Patent Number	Title of the patent	Year of Award of patent
Prof. Sunil Karforma	2022/02101	AN ON-DEMAND WATER RESERVER TRACKING SYSTEM AND A METHOD THEREOF	2022

Number of Ph.D.s awarded per teacher during the year

Name of the PhD scholar	Name of the Department	Name of the guide	Title of the thesis	Year of registration of the scholar	Year of award of PhD

		d e / s			
		P r o f . A b h o y C h a n d M o n d a l	Study and Impro vemen t of Softwa re Qualit y Using Data Minin g Techni ques	2014 (Re-registered on 2020)	2022
Amitava Bondyapadhyay	Computer Science				
		P r o f . A b h o y C h a n d	A Comp utation al Study for Sentim ent Analys is from User Opinio n	2015	2022
Santanu Modak	Computer Science				

		M o n d a l			
A study on data security in E-Commerce using elliptic curve Cryptosystem	Computer Science	P r o f . S u n i l K a r f o r m a	A study on data security in E-Commerce using elliptic curve Crypto system	2019	2023

Number of research papers per teacher in the Journals notified on UGC website during the year

Title of paper	Name of the author/s	D e p a r t m e n t o f t	Name of journal		I S S N n u m b e r	Link to the recognition in UGC enlistment of the Journal

		h e t e a c h e r			
A Dynamic Step-wise Tiny Encryption Algorithm with Fruit Fly Optimization for Quality of Service improvement in healthcare	Shrabani Sutradhar, Sunil Karforma, Rajesh Bose, Sandip Roy	D e p a r t m e n t o f C o m p u t e r S c i e n c e	Health care Analytics	2 7 7 2 - 4 4 2 5	https://www.sciencedirect.com/science/article/pii/S2772442523000448
An optimal and efficient	Dulal Kumbhakar,	D	Multi media	1	https://link.springer.com/article/10.1007/s11042-023-14526-7

data security technique through crypto-stegano for E-commerce	Kanchan Sanyal, Sunil Karforma	e p a r t n e n t o f C o m p u t e r S c i e n c e	Tools and Applications		5 7 3 - 7 7 2 1	
Agronomy with IoT Devices: The Smart Solution for Detection of Diseases of Betel	Indranil Sarkar, Sunil Karforma, Priyanka Bhattacharya, Rajesh Bose, Sandip Roy	D e p a r t m	Univer sal Journal of Agricu ltural Resear ch		2 3 3 2 - 2 2 8	https://www.researchgate.net/profile/Sandip-Roy-2/publication/368402035_Agronomy_with_IoT_Devices_The_Smart_Solution_for_Detection_of_Diseases_of_Betel_Leaves/links/63e68799dea61217579c1432/Agronomy-with-IoT-Devices-The-Smart-

Leaves		e n t o f C o m p u t e r S c i e n c e			4	Solution-for-Detection-of-Diseases-of-Betel-Leaves.pdf
Isomorphic encryption and coupled ANN with Mealy machine: a cutting edge data security model for cloud computing environment	Anirban Bhowmik, Sunil Karforma	D e p a r t m e n t o f	Know ledge and Information Systems		0 2 1 9 - 3 1 1 6	https://link.springer.com/article/10.1007/s10115-022-01760-y

		C o m p u t e r S c i e n c e				
Machine Learning Techniques for Crop Yield Prediction	Simanta Hazra, Sunil Karforma, Abhishek Bandyopadhyay, Sayantani Chakraborty, Debasis Chakraborty	D e p a r t m e n t o f C o m p u	Journa l of Survey in Fishe ries Scienc es		2 3 6 8 - 7 4 8 7	http://sifisheriessciences.com/journal/index.php/journal/article/view/2319

		t e r S c i e n c e				
Medical Image Encryption Method Using Cubic-Sin- Logistic- Tent Chaotic Pseudo- Random Number Sequence- Based Substitution	Subhajit Adhikari, Sunil Karforma	D e p a r t m e n t o f C o m p u t e r S c	SN Compu ter Scienc e		2 6 6 1 - 8 9 0 7	https://link.springer.com/article/10.1007/s42979-023-01783-4

		i e n c e				
Deep Learning-Based Classification Of Rice Varieties: A Comprehensive Study	Simanta Hazra, Sunil Karforma, Abhishek Bandyopadhyay, Avishek Banerjee, Debasis Chakraborty	D e p a r t m e n t o f C o m p u t e r S c i e n c e	Journal of Survey in Fisheries Sciences		2 3 6 8 - 7 4 8 7	http://www.sifisheriessciences.com/index.php/journal/article/view/1673

Prediction of Crop Yield Using Machine Learning Approaches for Agricultural Data	Simanta Hazra, Sunil Karforma, Abhishek Bandyopadhyay, Sayantani Chakraborty, Debasis Chakraborty	D e p a r t m e n t o f C o m p u t e r S c i e n c e	TechRxiv			https://www.techrxiv.org/articles/preprint/Prediction_of_Crop_Yield_Using_Machine_Learning_Approaches_for_Agricultural_Data/23694867
Establishment of Neural Series Transmission Keys (NSTKs)	Joydeep Dey, Salim Ahmad, Sunil Karforma	D e p a r t	Wireless Personal Communication		1 5 7 2 - 8	https://link.springer.com/article/10.1007/s11277-023-10241-6

<p>and Security in the Field of COVID- 19 Telepediatri c Oral Health</p>		<p>n e n t o f C o m p u t e r S c i e n c e</p>	<p>ons</p>		<p>3 4 X</p>	
<p>An Efficient Image Encryption Method Using Henon- Logistic- Tent Chaotic Pseudo Random Number</p>	<p>Subhajit Adhikari, Sunil Karforma</p>	<p>D e p a r t m e n t o</p>	<p>Wirele ss Person al Comm unicati ons</p>		<p>1 5 7 2 - 8 3 4 X</p>	<p>https://link.springer.com/article/10.1007/s11277-023-10261-2</p>

Sequence		f C o m p u t e r S c i e n c e				
AN EFFICIENT E- CERTIFIC ATE MANAGE MENT SYSTEM IN E- LEARNING USING BLOCKCH AIN	SOUMEN MONDAL, ANIRBAN PANJA, SUNIL KARFORM A	D e p a r t m e n t o f C o m p	SCIEN CE AND CULT URE			https://scienceandculture-isna.org/uploads/latestIssue/07_Soumen_Mondal.pdf

		u t e r S c i e n c e			
DETECTI ON OF MELANO MA SKIN CANCER USING HYBRID MACHINE LEARNING TECHNIQU ES	SARANAG ATA KUNDU, ANIRBAN PANJA, SUNIL KARFORM A	D e p a r t m e n t o f C o m p u t e r S	SCIEN CE AND CULT URE		https://scienceandculture- isna.org/uploads/latestIssue/02_Sa ranagata_Kundu.pdf

		c i e n c e				
IMPLEME NTATION OF E- BANKING TRANSAC TION SYSTEM USING ELGAMAL DS	Ajit Kumar Singh, Moumita Kumar Roy, Sunil Karforma, Sripati Mukhopadhy ay	D e p a r t m e n t o f C o m p u t e r S c i e n c	Journal of Data Acquis ition and Proces sing		1 0 0 4 - 9 0 3 7	https://sjcjycl.cn/article/view-2023/pdf/02_1883.pdf

		e				
Ubiquitous on-demand Water Reservoir Tracking System for Smart Village	Indranil Sarkar, Sunil Karforma, Rajesh Bose, Sandip Roy	D e p a r t m e n t o f C o m p u t e r S c i e n c e	Univer sal Journal of Agricu ltural Resear ch		2 3 3 2 - 2 2 6 8	https://www.researchgate.net/profile/Sandip-Roy-2/publication/361302704_Ubiquitous_on-demand_Water_Reservoir_Tracking_System_for_Smart_Village/links/62a971926886635d5cda70d5/Ubiquitous-on-demand-Water-Reservoir-Tracking-System-for-Smart-Village.pdf
An Approach of Secret Sharing	Bhowmik A.;Karforma S	D e p a	Wire ss Person al		0 9 2 9	https://link.springer.com/article/10.1007/s11277-022-09519-y

Technique Based on Convolution Neural Network and DNA Sequence for Data Security in Wireless Communication		r t n e n t o f C o m p u t e r S c i e n c e	Comm unicati ons		- 6 2 1 2	
Unsynchro nized Ann & Genetics Guided Telecardiolo gy Security Reinforcem ent in the Light of	Dey J.; Karforma S	D e p a r t m e n t	Journal of Mathe matical Scienc es & Compu tationa l Mathe		2 6 8 8 - 8 3 0 0	https://www.ingentaconnect.com/contentone/smart/jmscm/2022/0000003/00000002/art00001

Covid-19		o f C o m p u t e r S c i e n c e	matics			
An Efficient And Secure Fingerprint Based Authentication Scheme Using Elliptic Curve Cryptography	A Panja, So Mondal, Kh. A Islam, S Karforma	D e p a r t m e n t o f C o	Webology		1 7 3 5 - 1 8 8 X	https://scholar.google.co.in/citations?view_op=view_citation&hl=en&user=3fMr7IoAAAAJ&cstart=20&pagesize=80&citation_for_view=3fMr7IoAAAAJ:wbdj-CoPYUoC

		n p u t e r S c i e n c e				
Neural perceptron & strict lossless secret sharing oriented cryptographi c science: fostering patients' security in the "new normal" COVID-19 E-Health	Dey J.;Bhowmik A.;Karforma S	D e p a r t m e n t o f C o m p u t e r	Multi media Tools and Applic ations		1 3 8 0 - 7 5 0 1	https://link.springer.com/article/10.1007/s11042-022-12440-y

		S c i e n c e					
Cryptograph ic Engineering on COVID- 19 Telemedicin e: An Intelligent Transmission Through Recurrent Relation Based Session Key	Dey J.;Bhowmik A.;Sarkar A.;Karforma S.;Chowdhur y B.	D e p a r t m e n t o f C o m p u t e r S c i e n	Wirele ss Person al Comm unicati ons			0 9 2 9 - 6 2 1 2	https://link.springer.com/article/10.1007/s11277-021-09045-3

		c e				
Episode of Dual Neural Genetic Firefly (DNGF) Transmission Key Generation in New Normal Mode of COVID-19 Second Wave Telepsychiatry	Dey J.;Karforma S.;Chowdhury B	D e p a r t m e n t o f C o m p u t e r S c i e n c e	Journal of The Institut ion of Engine ers (India) : Series B		2 2 5 0 - 2 1 0 6	https://link.springer.com/article/10.1007/s40031-022-00711-z
An intelligent approach to	S Banerjee, AC Mondal	D e p	Intern ational Journal		2 3	https://scholar.google.com/citations?view_op=view_citation&hl=en&user=I2YDV-

reducing plant disease and enhancing productivity using machine learning		a r t i c l e s o f C o m p u t e r S c i e n c e	on Recent and Innovation Trends in Computing and Communication		2 1 - 8 1 6 9 (O n l i n e)	0AAAAJ&citation_for_view=I2YDV-0AAAAJ:ldfaerwXgEUC
Studies on Multi-Criteria Decision-Making-Based Healthcare Systems Using the Machine	Sk Anamul Hoda, Abhoy Chand Mondal	D e p a r t m e n t	Journal of Artificial Intelligence and Technology		2 7 6 6 - 8 6 4 9	https://ojs.istp-press.com/jait/article/view/167

Learning		t o f C o m p u t e r S c i e n c e				
An ingenious method for estimating future crop prices that emphasises machine learning and deep learning models	Saikat Banerjee, Abhoy Chand Mondal	D e p a r t m e n t o f C	Intern ational Journal of Inform ation Techn ology		2 5 1 1 - 2 1 1 2	https://link.springer.com/article/10.1007/s41870-023-01474-6

		o n p u t e r S c i e n c e			
An MCDM Approach for Enhancing Breast Cancer Diagnosis Using AHP and Bidirectional RNN with Bayesian Optimization	Sk Anamul Hoda, Abhoy Chand Mondal	D e p a r t m e n t o f C o m p u t e	PREP RINT (Version 1) available at Research Square		P R E P R I N T (V e r s i o n 1) a v a
					https://www.researchsquare.com/article/rs-3258473/v1

		r S c i e n c e			i l a b l e a t R e s e a r c h S q u a r e	
A Region- Wise Weather Data-Based Crop Recommend ation System Using Different Machine Learning Algorithms	Saikat Banerjee, Abhoy Chand Mondal	D e p a r t m e n t o f	Intern ational Journal of Intellig ent System s and Applic ations in Engine ering		2 1 4 7 - 6 7 9 9	https://www.ijisae.org/index.php/IJISAE/article/view/3169

		C o m p u t e r S c i e n c e				
Contact networks in RNA: a structural bioinformatics study with a new tool	Roy P.;Bhattacharyya D	D e p a r t m e n t o f C o m p u t	Journal of Computer-Aided Molecular Design		1 5 7 3 - 4 9 5 1	https://link.springer.com/article/10.1007/s10822-021-00438-x

		e r S c i e n c e				
RNABPDB: Molecular Modeling of RNA Structure— From Base Pair Analysis in Crystals to Structure Prediction	Mukherjee D.;Maiti S.;Gouda P.K.;Sharma R.;Roy P.;Bhattachar yya D	D e p a r t m e n t o f C o m p u t e r S c i	Interdi sciplin ary Scienc es – Compu tationa l Life Scienc es		1 9 1 3 - 2 7 5 1	https://link.springer.com/article/10.1007/s12539-022-00528-w

		e n c e				
An automated model for leaf image-based plant recognition: an optimal feature-based machine learning approach	Ghosh A.;Roy P	D e p a r t m e n t o f C o m p u t e r S c i e n c e	Innova tions in System s and Softwa re Engine ering		1 6 1 4 - 5 0 4 6	https://link.springer.com/article/10.1007/s11334-022-00440-y
GAN-	Arindam	D	Multi		1	https://link.springer.com/article/1

guided artificial neural collaborative complex computation for efficient neural synchronization	Sarkar, Rahul Karmakar & Mandira Roy	e p a r t n e n t o f C o m p u t e r S c i e n c e	media Tools and Applications		3 8 0 - 7 5 0 1	0.1007/s11042-023-16517-0
Neural session key exchange in the Industrial Internet of Things using	Tao Hai a b, Arindam Sarkar c, Rahul Karmakar d, Mohammad Zubair Khan e, Ayman	D e p a r t m	Engine ering Applications of Artificial Intellig		1 8 7 3 - 6 7 6	https://www.sciencedirect.com/science/article/abs/pii/S0952197623008679?via%3Dihub

hyperchaotic-guided vector-valued artificial neural synchronization	Noor f, Talal H. Noor g, Abhinav Kumar h, A. Yvaz i	e n t o f C o m p u t e r S c i e n c e	ence		9	
A review on rainfall forecasting using ensemble learning techniques	Saranagata Kundu a, Saroj Kr. Biswas b, Deeksha Tripathi b, Rahul Karmakar a, Sounak Majumdar b, Sudipta Mandal b	D e p a r t m e n t o f	e-Prime - Advances in Electrical Engineering, Electronics and Energy		27726711230019	https://www.sciencedirect.com/science/article/pii/S2772671123001912?via%3Dihub

		C o m p u t e r S c i e n c e				
BCPUML: Breast Cancer Prediction Using Machine Learning Approach— A Performance Analysis	Rahul Karmakar, Subhranil Chatterjee, Akhil Kumar Das & Ardhendu Mandal	D e p a r t m e n t o f C o m p u	SN Compu ter Scienc e		2 6 6 1 - 8 9 0 7	https://link.springer.com/article/10.1007/s42979-023-01825-x

		t e r				
		S c i e n c e				
A graphical tool for formal verification using Event-B modeling	Rahul Karmakar	D e p a r t m e n t o f C o m p u t e r S c	M u l t i m e d i a T o o l s a n d A p p l i c a t i o n s		1 3 8 0 - 7 5 0 1	https://link.springer.com/article/10.1007/s11042-023-15993-8

		i e n c e				
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Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings during the year

										A f f i l i a t i n g I n s t i t u t e a t t h e
	Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference						

6. For Institutional LMS

Total number of awards and recognition received for extension activities from Government / Government recognised bodies during the year			
Name of the activity	Name of the Award/ recognition	Name of the Awarding government/ government recognised bodies	Year of award
Dr. Sunil Karforma, CAS	Acted as subject expert on the selection committee for the purpose of career of the Govt. Gen. Degree College, Singur, The University of Burdwan	The University of Burdwan	2022
Dr. Sunil Karforma, Project Reviewer	Acted as project reviewer entitled "Design and Development of Automated Intelligent Telemetry Instrumentation System for Veterinary Applications"	SERB	2022
Dr. Sunil Karforma, Award to session chair	Awarded to session chair for two days international conference on machine learning and network data security-2022	Department of Computer Science & Engineering, NSHM Institute of Engineering and Technology, Durgapur	2022

Institution has subscription for e-Library resources Library has regular subscription for the following: 1. e – journals, 2. e-books, 3.e-ShodhSindhu, 4.Shodhganga,5.Databases
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Number of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities during the year

Room number or Name of classrooms/Seminar Hall with LCD / wifi/LAN facilities with room numbers	Type of ICT facility	Link to geo tagged photos and master time table
Class Room Number: 1	Classroom with smart board , sound system, Wi-Fi & LAN,	

20 22- 20 23	Swami Vivekan anda Merit- Cum- Means Scholars hip		30 ,0 00 /- (p er ye ar)	First Year: 6 (Half Tuition Fees Concessi on)	5000 /- (Per Year)				
20 22- 20 23	Single Girl Child		36 20 0/ - /- (p er ye ar)						

Following Capacity development and skills enhancement initiatives are taken by the institution
1. Soft skills, 2. Language and communication skills, 3. Life skills (Yoga, physical fitness, health and hygiene), 4. Awareness of trends in technology

Name of the capability enhancement program	Date of implementation (DD-MM-YYYY)	Number of students enrolled	Name of the agencies/consultants involved with contact details (if any)
Webinar on web application & new trends for web development	22.01.2022	27	Resource person: Mr. Mousum Bhattacharjee (Sr. Project Manager, SAMMSA Solutions Corporation Pvt. Ltd)
One Day Webinar On AI	15.01.2022	30	Resource Person: Mr. Ashish Singhal (MD & CEO of Inaavi

and Machine Learning			Consultancy) Email: ashish.singhal@inaavi.in
Artificial Intelligence: The Future of Technology Lies Here	06.01.2022	65	DCG AILABS Academy Pvt Ltd DCG DATA-CORE SYSTEMS (INDIA) PVT. LTD. Mr. Saikat Dutta (Senior Executive) 8777370400

Total number of placement of outgoing students during the year

Year	Name of student placed and contact details	Program graduated from	Name of the employer with contact details	Pay package at appointment
2023	Sukanta Majhi	MCA, The University of Burdwan	MTS, Visva Bhatai University	Central Govt. Scale for MTS
2023	Sidhartha Sinha	MCA, The University of Burdwan	Post Graduate Teacher at KVS	Central Govt. Scale for PGT
2022	Sourav Pramanik	M.Sc in Computer Science, The University of Burdwan	Jr. Software Developer at Codelogix Technologies Pvt. Ltd	
2022	Mandira Roy	M.Sc in Computer Science, The University of	Engineer, Tata ELXSI	

		Burdwan		
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Number of recently graduated students who have progressed to higher education (previous graduating batch)during the year

Name of student enrolling into higher education	Program graduated from	Name of institution joined	Name of programme admitted to
Sonali Mondal	The University of Burdwan	The University of Burdwan	Ph.D.
Joyeta Chandra	The University of Burdwan	The University of Burdwan	Ph.D.

Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter-university/state/national/international events (award for a team event should be counted as one) during the year

Year	Name of the award/ medal	Team / Individual	Inter-university / state / National / International	Name of the event	Name of the student
2022	Science Awarness Programme- 2022 Essay writing competetion - secured 1 st position	Individual	Inter-University	Science Awarness Programme- 2022 Organized by The University of Burdwan under the STUTI, DST	Anirban Panja

Total number of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course)

Name of teacher who attended	Title of the program	Duration (from – to) (DD-MM-YYYY)
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Dr. Sunil Karforma	FDP on Blockchain Technology and Cryptocurrency	23/08/2021 to 27/08/2021
Mr. Rahul Karmakar	<p>Participated and completed one week online faculty development program (FDP) sponsored by</p> <p>AICTE on Phase: II of Online Short Term Training Program (STTP) on Data Science and Machine</p> <p>Learning NARULA INSTITUTE OF TECHNOLOGY81, Nilgunj Road, Agarpara, Kolkata, from</p>	07/06/2021 to 11/06/2021

<p>Institution has adopted the following for Quality assurance</p> <p>1. Academic Administrative Audit (AAA) and follow up action taken</p> <p>2.Conferences, Seminars, Workshops on quality conducted</p> <p>3. Collaborative quality initiatives with other institution(s)</p> <p>4.Orientation programme on quality issues for teachers and students</p> <p>5. Participation in NIRF</p> <p>6.Any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)</p>

DEPARTMENT OF ECONOMICS

Head of the Department : Dr Suchismita Mondal Sarkar

1. Field of Studies of the approved Course contents :

Microeconomics, Macroeconomics, Development Economics, Mathematical Economics, Indian Economics, Econometrics, Financial Economics, Agricultural Economics.

Faculty Members :

Designation	Men					Women					Total
Professor											
Reader/Asso.Prof.							1				1
Sr. Lecturer/ Asst.Prof. (Stage II/III)											
Lecturer/Asst.Prof.											
Guest Lectr.											

2. Name & Designation of the Faculty members with degree and specialization:

Name & Designation	Degree	specialization
Soumyendra Kishore Datta, Professor	MA, PhD	Resource Economics, Game Theory

Pravat Kumar Kuri, Professor	MA, MPhil, PhD	Mathematical Economics, Econometrics, Development Economics
Atanu Sengupta, Professor	MSc, PhD	Microeconomics, Econometrics, Agricultural Economics
ajarshi Majumder, Professor	MSc, PhD	Applied Econometrics, Labour Economics, Human Capital, Energy & Climate Change
Soumyananda Dinda, Professor	MSc, PhD	Public Economics, Resource Economics, Advanced Econometrics, Energy & Climate Change
Bhaskar Goswami, Professor	MSc, PhD	Macroeconomics, Financial Economics
Jhilam Ray, Associate Professor	MA, PhD	Microeconomics, Econometrics, Agricultural Economics
Suchismita Mondal Sarkar, Associate Professor	MSc, MBA, PhD	Development Economics, Financial Economics, Indian Economics, Rural Development

3. Student Enrolment

Course(s)		<i>Men</i>			<i>Women</i>			<i>Total</i>		
		Ge n	S C	T o t a l	Ge n	T o t a l	Ge n	T o t a l		
M A/ M Sc/ M Co m	1 st Sem									
	2 nd Sem	1 9	0 1	2 0	39		4 1	5 8	6 1	
	3 rd Sem									
	4 th Sem	1 1	0 3		22			3 3	3 9	

M. Phi I		0			0 0	01			0 1				0 1
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5. Research Activities:

A. Research work by the scholars: (In Progress)

S I . N o .	Name of the Scholar(s)	Topic of Research	Supervisor(s)
1	Parimal Ghosh	An Inquiry into the Nature, Causes and Consequences of Macroeconomic Fluctuations	Prof. Maniklal Adhikary
2	Abhishek Dutta	Economic Development and Its Environmental Consequences: A Cross Country Analysis	Prof. Maniklal Adhikary
3	Sadhan Kumar Pathak	Efficacy of Paddy Procurement System in Ensuring Livelihood Security of Farmers in West Bengal	Prof. Maniklal Adhikary
4	Diti Banerjee	Food Security and Food Consumption Pattern: An Empirical Study in the Select Districts of West Bengal	Prof. Maniklal Adhikary and Dr Suchismita Mondal Sarkar
5	Nisith Mondal	Impact of Air Pollution on Health: An Empirical Analysis of Access to Eco-friendly Fuel and Vehicular Norms	Prof. Maniklal Adhikary
6	Tridib Biswas	Gender Discrimination in Child Health and Education at	Prof. Maniklal Adhikary

		Household	
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		Level: An Empirical Study in the District of Nadia of West Bengal	
7	Shreyashi Mitra	Digital Divide and Its Impact on Education and Financial Services in Select Districts of West Bengal	Prof. Maniklal Adhikary
8	Debanjana Roy	Efficacy of Social Security Measures for Unorganised workers- A Study of Selected Rural Region in West Bengal.	Prof. Soumyendra Kishore Datta
9	Bidisha Banerjee	Climate Change and Agricultural Performance in India with Focus On Climate Smart Agriculture	Prof. Soumyendra Kishore Datta
10	Manjuri Hasin Khanam	Variation In Output and Energy Use In Polluting Industries Of India: A Decomposition Analysis	Prof. Soumyendra Kishore Datta
11	Piyali Chatterjee	Ecotourism as a Vehicle for Environmental Protection and Promotion of Human Well-being: A Case in Purulia District of West Bengal	Prof. Soumyendra Kishore Datta
12	Mukur Dey	Natural Resources, Economic Growth and Human Development: A Cross-Country Analysis	Prof. Soumyendra Kishore Datta
13	Poulami Sen	Assessment of Ecosystem Services of Wetlands and Sustainability	Prof. Soumyendra Kishore Datta

		Issues: A Study in West Bengal	
14	Arundhati Bhattacharya	Perception Of Happiness and Relation To Psychological Dimensions: A Study Of Selected Villages In Two Districts Of WestBengal	Prof. Soumyendra Kishore Datta
16	Gourab Panja	Financial Inclusion, Inequality and Rural Development: A Case Study of West Bengal	Prof. Pravat Kumar Kuri
17	Bankim Chandra Ghosh	Agricultural performance and Human Development: A Comparative study of two Districts in South Bengal	Prof. Pravat Kumar Kuri
18	Anurupa Mukherjee	Infrastructure and Achievement in Primary Education in India: A Comparative Study of West Bengal and Kerala	Prof. Pravat Kumar Kuri
19	Sayantani Dutta	Socio-economic Inequalities in Child and Maternal Health in India with Special Reference to West Bengal	Prof. Pravat Kumar Kuri
20	Manjuri Pakhira	Livelihood Diversification and Poverty: a Study in Rural WestBengal	Prof. Pravat Kumar Kuri

2 1	Aishwarya Basu	Impact Of Governance and Institutions on Deforestation: A Study with Special Reference To West Bengal	Prof. Pravat Kumar Kuri
2 2	Abhik Sinha Roy	Economics of Handloom Industry: A study in West Bengal	Prof. Pravat Kumar Kuri
2 3	Arnab Mahapatra	“Waste - to - Wealth”: A Circular Economy Approach	Prof. Soumyananda Dinda
2 4	Chandra Kanta Saha	Exploring the Vulnerabilities of Migrant Construction Workers in West Bengal: A Governance Approach	Prof. Soumyananda Dinda
2 5	Sanjukta Niyogi	A Study of Indian Power Sector Reform and Future Prospect	Prof. Soumyananda Dinda
2 6	Satrajit Datta	India's Transition to Low Carbon Structure: An Empirical Analysis	Prof. Soumyananda Dinda
2 7	Prabir Kumar Ghosh	Interlinkages Between Infrastructure And Inclusive Growth In India: An Empirical Study	Prof. Soumyananda Dinda
2 8	Surat Sheikh	Municipal Waste Management in West Bengal: A Comparative Study of East and West Burdwan Districts	Prof. Soumyananda Dinda

29	Pabitra Debnath	Role of Technology and Finance in Energy Transition: An Exploratory Study Across Countries	Prof. Soumyananda Dinda
30	Dr. Parnasudha Karmodak	Water and development: A district level analysis of West Bengal	Prof. Atanu Sengupta
31	Shenaz Hussain	Human development and health inequality since liberalisation: evidence from Indian states	Prof. Atanu Sengupta
32	Subhendu Chel	Patterns and Causes of socio-economic condition of people in Bankura district of West Bengal	Prof. Atanu Sengupta
33	Abhijit Mishra	Malnutrition And The Role Of Integrated Child Development Services (Icds) In West Bengal	Prof. Atanu Sengupta
34	Sayantan Mukherjee	Socio-Economic Features Of Socially Depraved Classes In India With Special Reference To Burdwan Municipality And Howrah Corporation	Prof. Atanu Sengupta
35	Abdul Kader Dafader	Children Of A Lesser God: An Analysis Of Educational Infrastructure And Attainment In Select Kolkata Slums	Prof. Atanu Sengupta
36	Arghya Mondal	Informal Household Credit in India: Empirical Analysis during the last decade	Prof. Atanu Sengupta

3 7	Kinkini Bhattacharjee	Citizenship Debate and Migration: A State Level Study from India	Prof. Atanu Sengupta
3 8	Proma Chakraborty	Socio- Economic Analysis of Child Health In India: Perspectives	Prof. Atanu Sengupta
3 9	Sanjukta Dey	Employability, Skill Gap and Demographic Dividend in India	Prof. Rajarshi Majumder
4 0	Bidisha Chatterjee	Energy Demand and Energy Efficiency Patterns in India	Prof. Rajarshi Majumder
4 1	Brototi Boral	Determinant and Impact of FDI in India: A Regional Study	Prof. Rajarshi Majumder
4 2	Nidhi Sharma	Vulnerability And Resilience Of Micro, Small And Medium Enterprises In India	Prof. Rajarshi Majumder
4 3	Debika Som	Pattern Of Female Work In India With Focus On Time Use And Work-Life Balance	Prof. Rajarshi Majumder
4 4	Ekanki Pathak	Impact of Climate Hazards on Socio-Economic Condition of Households: A Study in Indian Sunderbans	Prof. Rajarshi Majumder
4 6	Debleena Banerjee	Mine Spoil Reclamation in Raniganj Coalfields of West Bengal: An Assessment of its Socio-Economic Impact	Prof. Suchismita Mondal (Sarkar)

4 7	Koyel Chakraborty	Livelihood Strategy and Occupational Diversification of Slum-Dwellers: A Study in Kolkata	Prof. Suchismita Mondal (Sarkar)
4 8	Sourav Chakraborty	Exchange rate Dynamics and Spillover Effects on Select asset Markets in India	Prof. Bhaskar Goswami
4 9	Ashima Karmakar	Performance of Indian IPOs and its Determinants: An empirical Anlaysis	Prof. Bhaskar Goswami
5 0	Elora Das	Activity Status and Wellbeing of Elderly In India	Dr. Jhilam Ray
5 1	Amit Chatterjee	Demystifying Dynamics for Underdevelopment of Tanta Sector: A Case Study of Shantipur-Phulia Belt in West Bengal	Prof. Arup Chattapadhyay
5 3	Madhushree Mukherjee	Unemployment Scenario in India: An Analysis of Recent Challenges	Prof. Atanu Sengupta

***C. Research by Faculty Members: [Papers published during this year only]**

S l. N	Name of the Teacher	Title of Papers	<i>Ref. to the Publication</i>	<i>Type of publication **</i>
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0.				
1	Rajarshi Majumder	India's Rural Employment Scenario: Challenges and Opportunities	<i>Anvesak</i>	<i>Referred Journal</i>
2	Bhaskar Goswami	Foreign Portfolio Investment in India: Trend And Determinants	<i>Research Bulletin, The Institute of Cost Accounts of India</i>	<i>Referred Journal</i>
3	Bhaskar Goswami	Sector Specific Determinants of Foreign Portfolio Investment Inflows in India: A Panel ARDL Approach	<i>Global Business Review</i>	<i>Referred Journal</i>
4	Bhaskar Goswami	Exchange Rate Volatility: An Indian Perspective	<i>Rabindra Bharati University Journal of Economics</i>	<i>Referred Journal</i>
5	Soumyendra KishoreDatta	Covid -19 Pandemic , Gaia and its Sustainability	<i>Integrative journal of conference Proceedings , Crimson publishers</i>	<i>Referred Journal</i>
6	Soumyendra KishoreDatta	Analysis of Child Disability and Link with Poverty	<i>The Indian Journal of Economics</i>	<i>Referred Journal</i>

7	Suchismita Mondal (Sarkar)	The environmental and socio-economic impact of coal mining on local livelihoods and health: A case study of Raniganj Coalfields in West Bengal, India	<i>Man and Development</i>	<i>Referred Journal</i>
8	Suchismita Mondal (Sarkar)	Socio economic impact of Rainwater Harvesting on farming economy: A study from Purulia district of West Bengal	<i>Rabindra Bharati University Journal of Economics</i>	<i>Referred Journal</i>
9	Pravat Kumar Kuri	Financial Inclusion in India over the period 2001-2019: An inter-state analysis	<i>current Research in Environmental Sustainability</i> , (ELSEVIER)	<i>Referred Journal</i>
10	Soumyananda Dinda	Distributional Pattern of Solid Waste Generation in Burdwan Municipality	<i>Rabindra Bharati University Journal of Economics</i>	<i>Referred Journal</i>

1 1	Soumyananda Dinda	What Determines the Health Status in Developing Countries? Evidence From a DynamicPanel.	<i>Journal of Economic Development</i>	<i>Referred Journal</i>
1 2	Soumyananda Dinda	Preference Distortion, Information Cost and Comparative Advantage: A Theoretical Quest to Claim Trade Posture in Post-Pandemic Era.	<i>Foreign Trade Review,</i>	<i>Referred Journal</i>
1 3	Soumyananda Dinda	Revisited the relationship between economic growth and transport infrastructure in India: An empirical study.	<i>Indian Economic Journal,</i>	<i>Referred Journal</i>
1 4	Atanu Sengupta	Human Skills of Migrant Types- A State Level Study from India	<i>Journal of Economics , Rabindra Bharati University,</i>	<i>Referred Journal</i>
1 5	Atanu Sengupta	Migrant's Livelihood – A State Level Study from India	<i>International Journal of Research on Social and Natural Sciences,</i>	<i>Referred Journal</i>

1 6	Atanu Sengupta	Voice after a long silence: Measuring surplus labour in the India's unorganised sector	<i>Indian Journal of Labour Economics</i>	<i>Referred Journal</i>
1 7	Atanu Sengupta	Forced formalization and informal sector: A simple Chayanov model	<i>Review of Development Economics,</i>	<i>Referred Journal</i>
1 8	Atanu Sengupta	College education in India: A Survey Through NIRF Lens	<i>The Indian Journal of Economics,</i>	<i>Referred Journal</i>
1 9	Rajarshi Majumder	Youth Employment in India: Dimensions and Challenges	<i>Economic and Political Weekly</i>	<i>Referred Journal</i>
2 0	Rajarshi Majumder	The Employment Challenge in India: Hundred Years from 'Ten days that shook the World'	<i>Indian Journal of Labour Economics</i>	<i>Referred Journal</i>
2 1	Bhaskar Goswami	An Empirical Analysis of IPOs and Its Determinants: An Indian Perspective	<i>Research Bulletin, The Institute of Cost Accounts of India</i>	<i>Referred Journal</i>
2 2	Soumyendra KishoreDatta	Environmental Degradation and Economic Growth : A Longitudinal Analysis	<i>The Indian Economic Journal, Sage</i>	<i>Referred Journal</i>

		Across Different Income		
		Group Countries		
2 3	Soumyendra KishoreDatta	Investigating the Causal Relationship between Environmental Degradation and Selected Economic Factors: Evidence From G20 Countries	<i>SN Business & Economics, (Springer)</i>	<i>Referred Journal</i>
2 4	Soumyendra KishoreDatta	Focus on energy decomposition in polluting manufacturing industries in India: a state level analysis	<i>International Journal Of Research And Analytical Reviews</i>	<i>Referred Journal</i>
2 5	Soumyendra KishoreDatta	Tourism Growth In India And Its Link With Gross Domestic Product And Foreign Direct Investment	<i>International Journal Of Current Research</i>	<i>Referred Journal</i>
2 6	Pravat Kumar Kuri	Association between Financial Inclusion and Economic Growth in India: A C-integration	<i>PRODUCTIVITY</i>	<i>Referred Journal</i>

		approach		
27	Pravat Kuri	Handloom Scenario in India vis-à-vis West Bengal: A special emphasis on Cooperatives	<i>TIJER-International Research Journal</i>	<i>Referred Journal</i>
28	Soumyananda Dinda	Sector-Wise Carbon Efficiency for Sustainable Development of Indian Economy: A Data Envelopment Analysis Approach.	<i>Anvesak,</i>	<i>Referred Journal</i>
29	Soumyananda Dinda	Risk-return spectrum of investment for going green: Evidence from Indian equity market.	<i>Business Strategy and Development</i>	<i>Referred Journal</i>
30	Atanu Sengupta	Social Exclusion and Social Wellbeing: A Study into the Indian Data	<i>Emerald Publishing Limited, Bingley,</i>	<i>Referred Journal</i>
31	Atanu Sengupta	Trails of Covid-19: A Village Study from India	<i>Blue Duck Publications</i>	<i>Referred Journal</i>
32	Atanu Sengupta	Hunger and Food Insecurity: A Study of some	<i>Empirical Economics</i>	<i>Referred Journal</i>

		villages in West Bengal	<i>Letters</i>	
3 3	Rajarshi Majumder	Measuring Human Development at Sub-National Level: Methods and Application	<i>Springer</i>	<i>Book Chapter</i>
3 4	Rajarshi Majumder	Extreme Events,	<i>Springer</i>	<i>Book Chapter</i>
		Resilience and Disaster Management: Lessons from Case Studies		
3 5	Suchismita Mondal (Sarkar)	Socio Economic Impact of Rainwater Harvesting: Evidences from Purulia district of West Bengal	<i>Asian Press Books</i>	<i>Book Chapter</i>
3 6	Pravat Kumar Kuri	Reproductive Health of Women: an Interstate Analysis	<i>New Delhi Publishers</i>	<i>Book Chapter</i>
3 7	Soumyananda Dinda	Hurdles in Fuel Choice and Consumption in Rural India	<i>Springer, Singapore</i>	<i>Book Chapter</i>

* Please do not furnish the reports of Papers which were published before 1.06.16. Information regarding papers sent or accepted will not appear in the Annual Report.

** Only those articles are to be reported which are recognized for the UGC prescribed API calculation. Types are:-

(A) Referred journal (B) Journal/periodical having ISSN, (C) book/chapter in Ed.Vol. Published by International Publisher (D)

Book/chapter in Ed.vol. Published by National level publisher with ISBN (E) Book/Chapter in Ed.vol. Published by local level publisher with ISBN.

D. Sanctioned Research Projects – (Continuing)

S l. N o.	Name of the Project	Sanctioning Authority	Amount sanctioned	Duration & Progress
1	An Evaluation of PMBJP in Select Areas of West Bengal	ICSSR	₹ 15.0 lakh	Sept 2023 - March 2024 (Completed)
2	Preparation of Annual District Budget of 2022-23 Purba Bardwan	District Administration (Planning Unit, Purba Bardwan)	₹ 2.3 lakh	August – November 2022 (Completed)

4. Examination Results :

Course	Appeared			Passed		
	M en	Wo men	To tal	M en	Wo men	Total
Sem I	09	36	45	09	36	45
Sem II	10	59	69	10	59	69
Sem III	06	45	51	06	45	51
Sem IV	20	41	61	20	41	61

6. Faculty Improvement Programme: *[Please give a short note on the measures taken]* **NIL**

7. Patent awarded/ applied for: Nil

Name of the PhD scholar	Name of the Department	Name of the guide/s	Title of the thesis	Year of registration of the scholar	Year of award of PhD
PALASH DAS	EDUCATION	RAJIBA LOCHAN MOHAPATRA	IDENTIFICATION OF GAPS IN TEACHING CHEMISTRY AND EVOLVING A STRATEGY FOR EFFECTIVE TRANSACTION OF CONTENT AT HIGHER SECONDARY LEVEL	2017	2023
ARNAB DUTTA	EDUCATION	PROF. TUHIN KUMAR SAMANTA	EDUCATIONAL ASPIRATION AND AWARENESS OF SOCIO-CULTURAL UPLIFTMENT AMONG TRIBAL POPULATION	2017	2023
SATAPRASUNA GAYEN	EDUCATION	PROF. TUHIN KUMAR SAMANTA	PARADIGM SHIFT OF TEACHER EDUCATION CURRICULAM IN THE POST NCTE	2017	2023

ERA

Name		Email	Gender	Designation
Khagendranath Chattopadhyay		kchattopadhyay@edu.buruniv.ac.in	Male	Professor
Tuhin Kumar Samanta		samantatuhinkumar@gmail.com	Male	Professor
Chitralkha Mehera		cmehera@edu.buruniv.ac.in	Female	Associate Professor
Chandan Adhikary		cadhikary@edu.buruniv.ac.in	Male	Associate Professor
Rajiba Lochan Mohapatra		rlmohapatra@edu.buruniv.ac.in	Male	Assistant Professor

DEPARTMENT OF EDUCATION

Full time teachers during the year :

Programs offered during the year : M A in Education, M.Ed., B.Ed.

221

Number

of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the year

Sl. No	Name of Research fellow	Year of enrolment	Duration of fellows hip	Type of the fellowship	Granting agency	Gender	Qualifying exam if any (NET, etc.)	Profession
	Puja Sarkar			psarkar@edu.buruniv.ac.in		Female		Assistant Professor
	Sweta Smrita Soy			sssoy@edu.buruniv.ac.in		Female		Assistant Professor
	Subhankar Ghosh			sghosh.edu.vb@gmail.com		Male		Assistant Professor
	Shuvankar Madhu			shuvankarmadhu@gmail.com		Male		Assistant Professor
	Shyamadas Ghosh			ghosh.shyamadas26@gmail.com		Male		Senior Teacher

						GATE, etc.)
1	Sabyasachi Mukherjee	2022	5 years	JRF	UGC	NET
2	Mosharaf Hossain Mondal	2022	5 Yrs	Swami Vivekananda Scholarship	Govt. of West Bengal	NET
3	Arun Naskar	2022	5	NET-JRF	UGC	NET
4	PRANAY ADHIKARI	2022	3 YEARS	SRF	UGC	NET

8.

Number of research papers per teacher in the Journals notified on UGC website during the year

Title of paper	Name of the author/s		Name of journal	Year of publication	ISSN number
Problems of Implementing Inclusive Education in India	Sudeshna Saha, Payel Karmakar, and K. N. Chattopadhyay		Education India Journal	June, 2023	2278-2435
Bending of Beam: An Improvised Instructional Tool for the Determination of Density of a Liquid	A. Bhattacharya, K. N. Chattopadhyay and C. Adhikary		Phys. Educ. 58 (1) 2022, https://doi.org/10.1088/1361-6552/ac9d1a	Nov. 2022	0031-9120

Determination of Density of a liquid: Revisited through the lens of conditions of floating	A. Bhattacharya, K. N. Chattopadhyay and C. Adhikary		Phys. Educ. 57 (6) 2022, https://doi.org/10.1088/1361-6552/ac8dd3	Sept., 2022	0031-9120
Opportunities of Imagination, Creativity and Innovation in Bengali Textbook	Sudeshna Saha and K N Chattopadhyay		Education@ETMA	Jun-23	2583-3928
Personality, Divergent Thinking and Innovative Behaviour: A Way to Generate Creative Ideas	Deepanjana Khan and K N Chattopadhyay		International Journal of Research and Analytical Reviews. Vol. 10, Issue 2	April, 2023	2348-1269
Cultural Intelligence for Teachers in Migrated Position: An Essential Capability	Hafijul Shaikh and K N Chattopadhyay		International Journal for Multidisciplinary Research (IJFMR) Vol.5, Issue 2	April, 2023	2582-2160

Investigating the Life Skills among Higher Education Students	Habil Saikh, Nilay Mondal and K.N. Chattopadhyay		The DNC Journal	May, 2023	2583-5319
Tribal Education Vis-a-Vis Globalisation: A Perspective on Indian Aborigins	Pranay Adhikari, Rajiba Lochan Mohapatra		THIRD CONCEPT	April , 2023	0970-7247
In Search of a Robust Education for Tribals: Finding Limitations and Lacunae	Pranay Adhikari, Rajiba Lochan Mohapatra		TRIBAL STUDIES: A JOURNAL OF COATS	June, 2023	2321-3396
NEP 2020 In the Light of Swami Vivekananda's Educational Philosophy: An Analysis	Dr Shweta Smrita Soy		International Journal for Multidisciplinary Research (IJFMR)	July- August 2023	Volume 5, Issue 4 E-ISSN: 2582-2160
MOOCS AS A TOOL FOR	Dr Shweta		Journal of Emerging	June	(ISSN-

HIGHER EDUCATION: AN EMPIRICAL STUDY	Smrita Soy		Technologies and Innovative Research (JETIR)	2023 Volume 10, Issue 6	2349-5162)
REOPENING OF SCHOOLS: CHALLENGES FOR CHILDREN'S ACADEMIC LEARNING AND SCHOOLING	Dr Shweta Smrita Soy		INTERNATIONAL JOURNAL OF MULTIDISCIPLINARY EDUCATIONAL RESEARCH (IJMER)	October: 2022 October: 2022	ISSN:2277-7881; IMPACT FACTOR :8.017(2022)
Reflection on Gender Disparity in Mathematics Learning Outcomes in West Bengal	Dr.Puja Sarkar & Mampi Howladar		Education India	May 2023	2278-2435
Exploring the Attributes of Total Quality Teacher (TQT) as reflected in the Bhagavad Gita'.	P. Das, and C. Adhikary*		Research and Reflections on Education	2023 (March)	0974-648X(P)
Bending of Beam: An Improvised Instructional Tool for the Determination of Density	A. Bhattacharya, K. N.		Phys. Educ. 58 (1) 2022, https://doi.org/10.1088/1361-6552/ac9d1a	2022 (November)	319120

of a Liquid	Chattopadhyay and C. Adhikary*				
Determination of Density of a liquid: Revisited through the lens of conditions of floating	A. Bhattacharya, K. N. Chattopadhyay and C. Adhikary*		Phys. Educ. 57 (6) 2022, https://doi.org/10.1088/1361-6552/ac8dd3	2022 (September)	319120
ChatGPT as an Emerging Tool for Sustaining Higher Education in the light of NEP- 2020	Dr.Subhankar Ghosh&SubhraShankhaChakraborty		Education and Society	April-June-2023	ISSN: 2278-6864

	D r P u j a S a r k a r	Shifting Focus in School Curriculum: From Content Based Learning to Competency based Learning	Exploring Topology in Pottery through Ethnomathematical Lens	Shifting Focus in School Curriculum: From Content Based Learning to Competency based Learning	Shifting Focus in School Curriculum: From Content Based Learning to Competency based Learning		A p r i l 2 0 2 3	97 8- 93- 93 41 4- 17- 5
	D r P u j a S a r k a r	Educational Reform in Post Pandemic situation : recovery & strengthening of Education	Usage of mobile learning in the classroom: Benefits & Challenges	-	-		N o v . 2 0 2 2	97 9- 88 88 69 74 3-6
	D r S h	Book- Education A Schematic Approach	THE CHALLENGES WE OVERCOME & CHANGES WE NEED :				S e p t	97 8- 1- 38 7-

	V e t e r i n a r y		EDUCATION IN POST COVID-19				2 0 2 2	59 74 2-0
		Educational Reform in Post Pandemic Situation	Impact of the COVID-19 Pandemic on Higher Education in India: An Analytical Study				N o v e m b e r 2 0 2 2	97 9- 88 88 69 74 3-6
	D i f f e r e n t A c h i	Impact of Education in Different Pedagogical Subjects' (Edited Volume)	Innovative Pedagogical Strategies for Building Chemical Concepts				2 0 2 3 (M a r c h	97 8- 81- 95 79 54- 8-2

)	
	K a r y D R . C . A d h i k a r y		Outcome-based Pedagogy: A way Towards Transforming Indian Education	National Education Policy (NEP- 2020): Prospects and Challenges' (Edited Volume)	National Education Policy (NEP- 2020): Prospects and Challenges' (Edited Volume)	2 0 2 3 (J u n e)	97 8- 81- 95 47 21- 7-8
	D R . C . A d h i k a r y		Reflection of 21 st Century Skills in National Education Policy 2020	National Education Policy (NEP- 2020): Prospects and Challenges' (Edited Volume)	National Education Policy (NEP- 2020): Prospects and Challenges' (Edited Volume)	2 0 2 3 (J u n e)	97 8- 81- 95 47 21- 7-8
	D R .	Advanced Sociological Perspective on	Revisiting the Disciplinary Evolution of Sociological			2 0 2 3	97 8- 93- 91

		Education'	Perspective of Education					97-8-41-9
		Education for the 21st Century in Resurgent India	Cybercrime Awareness among Indian Teacher Trainees: A Review	Education for the 21st Century in Resurgent India	Education for the 21st Century: Meeting the Challenges of the Changing World		Ma y , 2 0 2 3	97-8-81-95-16-2-6
		Cyber Combating: Global Digital Security,	Cyber Ethics: An Ethical Education for Teachers	Cyber Combating: Global Digital Security,	Cyber Combating: Global Digital Security,		J u n e,	97-8-81-96-23

	<p>Dr. Rajib Lochan Mohapatra</p>	<p>Safety and Sustainability</p>		<p>Safety and Sustainability</p>	<p>Safety and Sustainability</p>	<p>2023</p>	<p>93-67</p>
	<p>Dr. Rajib Lochan Mohapatra</p>	<p>Rajiba Lochan Mohapatra</p>	<p>EDUCATION IN THE MIRROR OF POLITICS: A TALE OF TWIN PHILOSOPHIES</p>	<p>National</p>	<p>2023</p>	<p>THE UNIVERSITY OF BURD</p>	

	a p a t r a						W A N	
		Rajiba Lochan Mohapatra.					T H E U N I V E R S I T Y O F B U R D W A N	
		Khagendra Nath Chattopadhy ay						
		Pranay Pandey	Shikhyaneeti	National	2023			
	S h i v a n k a	Transformati ve higher Education under NEP 2020	Revolutionizing Higher Education in India :Insights into the knowledge Base of Teacher Education Recommended by NEP 2020	Transformati ve higher Education under NEP 2020	Transformati ve higher Education under NEP 2020		A u g u s t, 2 0 2 2	IS BN :97 8- 81- 95 38 29- 7-2

<p style="writing-mode: vertical-rl; transform: rotate(180deg);">U S T C V a n k a r N a o h u</p>	<p>Technology - Enabled assessment for empowering Learning outcomes under NEP 2020</p>	<p>Transformative higher Education under NEP 2020</p>	<p>Transformative higher Education under NEP 2020</p>	<p>August,2023</p>	<p>A u g u s t , 2 0 2 2 3</p>	<p>IS BN :97 8- 81- 95 38 29- 7-2</p>
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">S T C V a n k a r N a o h u</p>	<p>Online Education an approach for the learning of the present generation</p>	<p>E-learning Evolution: Analysing India's Pursuit of Online Education Initiatives.</p>	<p>Online Education an approach for the learning of the present generation</p>	<p>Nov, 2023</p>	<p>N o v , 2 0 2 2 3</p>	<p>IS BN : 97 89 35 87 98 36 4</p>
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">D r S u</p>	<p>SWAYAM as an Innovative Technology in Higher Education: A Study</p>	<p>SWAYAM as an Innovative Technology in Higher Education: A Study</p>	<p>Innovative Technologies And Its Application</p>	<p>Innovative Technologies And Its Application</p>	<p>N o v - 2</p>	<p>IS BN : 97 8-</p>

				2022			43-0
		Women Empowerment and Cyber Security: Sustaining Cyberspace through Quality Education	Empowering Women through Education	Empowering Women through Education		2 0 2 3	
		Cyber Security in HEIs: Remarkable Milestone in Resurgent India	Education in Resurgent India	Education in Resurgent India		2 0 2 3	

P r o f . T u h i n K u n a r S a n a n t a	Kazi Nazrul Islam:Bidrohi Kabir Kaaz O Chintar Unmochan	Kazi Nazrul Islam:Bidrohi Kabir Kaaz O Chintar Unmochan				M a y, 2 0 2 3	97 8- 43- 91 17 3

14.

Year	Name of student placed and contact details	Program graduated from	Name of the employer with contact details	Pay package at appointment
2023	Moumita Mukherjee, Assistant Teacher of Chemistry, Contractual basis	M.Ed. (2023), Dept. of Education, Burdwan University	Manager, Central Model School, Barrackpore	Rs. 15,000/- month

15.

Department of English & Culture Studies

Number of programs offered during the year : M.A. in English, M.Phil in English & Ph.D. coursework

Number of actual students admitted from the reserved categories during the year

Year						Number of students admitted from the reserved category				
						S C	S T	OBC	Gen	Others
M.A. (2021- 2023)						2 1	7	10	141	PH - 1
M.A. (2022- 2024)						3 5	1 2	36	111	PH - 2

Number of full time teachers against sanctioned posts during the year & 2.4.3 Total teaching experience of full time teachers in the same institution during the year

Name of the Full-time teacher		Designation	Year of appointment	Name of the Department	Total years of Experience	Is the teacher still serving the institution/If not last year of the service of Faculty to the Institution	PhD/DSc /DLitt.
Prof. Nandini Bhattacharya		Professor	2013	English	10	Yes	PhD
Prof. Angshuman Kar		Professor	2002	English	21	Yes	PhD

Dr Arpita Chattaraj (Mukhopadhyay)		Professor	2012	English	11	Yes	PhD
Dr Subhajit Sen Gupta		Associate Professor	2014	English	09	Yes	PhD
Dr Arnab Kumar Sinha		Associate Professor	2010	English	13	Yes	PhD
Dr Sanjoy Malik		Assistant Professor	2010	English	13	Yes	PhD

Number of Ph.D's awarded per teacher during the year

	Name of the Candidate	Supervisor	Topic	Awarded
	Soumi Goswami	Prof. Angshuman Kar, Dept. of English & Culture Studies, The university of Burdwan	Representation of Ethnicity in Select Novels of Srilankan Diasporic Writers	07.07.202
	Payel Paul	Prof. Angshuman Kar, Dept. of English & Culture Studies, The university of Burdwan	Negotiating Aboriginality: A Study of Australian Aboriginal Women's Life Writings	05.08.202
	Tahira Tasmeen	Prof. Angshuman Kar, Dept. of English & Culture Studies, The university of Burdwan	Representation of Caste in Jawharlal Nehru's Prose Writings	05.06.202

Number of research papers per teacher in the Journals notified on UGC website during the year

Title of the paper	Name of the author	Department	Name of the journal	Year of publication	ISSN	Affiliating Institute	
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	Author	sh ed					at i o n	oc ee di ng		
	N a n d i n i B h a t t a c h a r y a	<i>Ci tiz en sh ip in C on te m po ra ry Ti m es : Th e I n d ia n C on te xt</i>	“Ci ties of Ref uge: Rep ubli cs of Cha r: Stat eles s in Sout h Asia ”				2 0 2 3	I S B N 97 81 03 26 68 10 9	The Universi ty of Burdwa n	Ro utle dge
	N a n d i n i	<i>E pi ci nl nd ia</i>	“Th efirs tEn glis htra nsla tion ofth eMa				2 0 2 3	IS B N 97 89 35 44 23	The Universi ty of Burdwa n	Ori ent Blac ksw an

	B h a t t a c h a r y a		hab hara ta: Aut hors hip) Aut hori ty, Tra nsla tion/ Utili tyM atter s”					76 5		
	N a n d i n i B h a t t a c h a r y a	<i>Th eP ar tit io no fth el nd ia nS ub co nti ne nt</i> (1 94 7) <i>an d</i> B ey on	“Ma tdaa n: An anec dota l Hist ory of the Juna garh Ref eren dum in Tim es of Sub cont inen tal					IS B N 9 7 8 1 0 0 3 3 7 5 7 3 9	The Universi ty of Burdwa n	Ro utle dge

		d: U ne as y B or de rs	Part ition ”							
	An g s h u m a n K a r	E di te d B oo k: <i>Re ce pti on of In di an Di as po ra in In di a: A n E nq ui ry int o</i>				Natio nal	2 0 2 2	IS B N: 97 8- 93 - 82 26 7- 97 -3	The Universi ty of Burdwa n	Wo rldv iew

		<i>Li te ra ry an d So ci o- cu ltu ra l Re se ar ch</i>								
	A n g s h u m a n K a r	So lo au th or : <i>W ou nd is th e Sh el ter</i>				Natio nal	2 0 2 3	IS B N: 97 8- 81 - 96 00 65 - 8- 7	The Univer sity of Burdwa n	Ha wak al
	A n g s h u m a	E di te d B oo k : <i>M</i>				Natio nal	2 0 2 3	IS B N: 97 8- 93 - 93	The Univer sity of Burdwa n	Ebo ng Adh yay

	n K a r	<i>ar gi na lit y in A us tr ali an Li te ra tu re</i>						63 7- 6- 35		
	A n g s h u m a n K a r	E di te d bo ok : <i>K al o A us tr ali ar K ab ita (A n A nt ho lo</i>						IS B N : 9 7 8- 9 3- 9 4 1 1 4- 7 0- 8	The Univer sity of Burdwa n	Sapt arsh i

		<i>gy of Tr an sl at ed A us tr ali an A bo ri gi na l P oe tr y)</i>								
	An g s h u m a n K a r	B o o k: <i>Ni rb ac hi to K a bi ta , K. S at</i>				Natio nal	2 0 2 3	IS B N : 9 7 8- 8 1- 1 9 0 3 3- 0 4- 1	The Univer sity of Burdwa n	Dey 's Pub lishi ng

		<i>lit ie s: Li vi n g D ys to pi a n</i>								
	Angshuman Kar	<i>2 1st C en tu ry P er sp ec ti ve s o n In di a n W rit in g in</i>	“In dian Eng lish Poe try: In Sea rch of a Con tinu ity.”			Inter natio nal	2 0 2 3	IS B N : (1 0) : 1- 5 2 7 5- 8 9 7 8- 1	The Universi ty of Burdwa n	Ca mbr idge Sch olar s Pub lish ing

		<i>Spiritual Perspectives</i>								
	Subhaji Sen Gupta	<i>Covid-19 in India, Disease, Health and Culture</i>	"Disease and the Desire for Health in Shakespeare's <i>Macbeth</i> ."			International	2023		The University of Burdwan	Routledge

Professor	01	01			02					
Reader/Asso.Prof.	01				01					
Sr. Lecturer/ Asst.Prof. (Stage II/III)		01			01					
Lecturer/Asst. Prof.										
Guest Lectr.										

3. Name & Designation of the Faculty members with degree and specialization:

Designation	Name of faculty	Highest qualification	Specialization
Professors	Prof. APURBA RATAN GHOSH	PhD	Ecotoxicology
Professors	Prof. NABA KUMAR MONDAL	PhD	Environmental Chemistry

Associate Professor	DR. SRIMANTA GUPTA	PhD	Environmental Geosciences
Asst. Professor	DR. SUDIPTO MANDAL	PhD	Ecology and Environmental Modelling

4. Student Enrolment

Course(s)		<i>Men</i>			<i>Women</i>			<i>Total</i>				
		G	e	n	G	e	n	T	o	t	a	l
M · Sc	1 st Sem	4			7			9				13
	2 nd Sem	4			7			9				13
	3 rd Sem	4			1	3		4				18
	4 th Sem	4			1	3		4				18
M · Ph					3							

ii													
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5. Research Activities :

A. Research work by the scholars: (In Progress)

	Name of the Scholar(s)	Topic of Research	Supervisor(s)
	Amit Kumar Dey	Impact of trace and potentially toxic elements on sustainable fish culture considering human health risk assessment in opencast coal pits of raniganj coalfield areas	Prof. Apurba Ratan Ghosh
	Sugata Das	Application of biochar and macrophyte <i>jussiaea repens</i> L. (1753) for removal of cadmium intoxication from an air-breathing teleost <i>Heteropneustes fossilis</i> (Bloch, 1794)	Prof. Apurba Ratan Ghosh
	Subhadeep Mitra	Medical geology of Uranium contamination in different matrices of upper catchment area of Subarnarekha river basin, Jharkhand, India	Dr. Srimanta Gupta
	Tanumita Pan	Medical geological appraisal of fluoride contamination in groundwater of south Dinajpur district, West Bengal, with the development of a magnetic nano-material based	Dr. Srimanta Gupta

		defluoridation technique	
	Sucharita Saha	Geospatial appraisal of crop water demand and water resource management for agro-ecological sustainability assessment of major crops of southern part of West Bengal	Dr. Srimanta Gupta
	Nilanjan Das	Greenhouse gas emissions and carbon sequestration in mangrove ecosystem of Sundarban through structurally dynamic modeling approach	Dr. Sudipto Mandal
	Rajesh Koley	Synthesis of calcium oxide nanoparticles from different natural wastes and their ameliorative effects towards fluoride stress in rice (<i>Oryza sativa</i> L.)	Prof. Naba Kumar Mondal
	Pradip Mitra	Impact of kitchen smoke on tribal women: An approach towards understanding the spectrum of cardiopulmonary problems & suitable signature molecules	Prof. Naba Kumar Mondal
	Meghla Mukherjee	In progress	Dr. Srimanta Gupta
	Subhadeep Ullal	In progress	Dr. Srimanta Gupta
	Riya Sen	In progress	Prof. Naba Kumar Mondal
	Vikky Shaw	In progress	Prof. N K Mondal
	Soumyadip Pal	In progress	Dr. Sudipto Mandal
	Harisankar Ray	In progress	Dr. Sudipto Mandal

***C. Research by Faculty Members: [Papers published during this year only]**

	Name of the Teacher	Title of Papers	<i>Ref. to the Publication</i>	<i>Type of publication * *</i>
	Prof. Apurba Ratan Ghosh	Role of artificial intelligence (AI) in fish growth and health status monitoring: A review on sustainable aquaculture	https://link.springer.com/article/10.1007/s10499-023-01297-z	0967-6120
	Prof. Apurba Ratan Ghosh	AI-driven surveillance of the health and disease status of ocean organisms: a review	https://link.springer.com/article/10.1007/s10499-023-01192-7	0967-6120
	Prof. Apurba Ratan	Integrated histopathological lesion (IHL) analysis — a histopathological tool for the evaluation of UV-B exposure on the	https://link.springer.com/article/10.1007/s11356-024-33316-8	0944-1344

	Ghosh	gill, liver and intestine of Catlacatla		
	Prof. Apurba Ratan Ghosh	Assessing haematological parameters and probable toxicity analysis in two coastal fish species at harbouring areas of Digha coastal belt, West Bengal, India	https://www.sciencedirect.com/science/article/abs/pii/S0013935124002226	0013-9351
	Prof. Apurba Ratan Ghosh	Seasonal variation of physicochemical parameters and heavy metal concentration in water and bottom sediment at harboring areas of Digha coast, West Bengal, India	https://www.sciencedirect.com/science/article/abs/pii/S2352485523001342	2352-4855
	Prof. Apurba Ratan Ghosh	Humifloc™: An improved solid waste responsible for sustainable aquaculture	https://www.sciencedirect.com/science/article/abs/pii/S095965262303617X	0959-6526
	Prof. Apurba Ratan Ghosh	Face masks: a COVID-19 protector or environmental contaminant?	https://link.springer.com/article/10.1007/s11356-023-29063-x	0944-1344
	Prof. Apurba Ratan Ghosh	Health effects of pesticides on agricultural workers	https://scienceandculture-isna.org/uploads/latestIssue/03_Palas_Samanta.pdf	0036-8156
	Prof. Apurba	Neurotoxicity induced by herbicides Almix and Excel Mera 71 in the Indian teleost <i>Heteropneustes fossilis</i> (Bloch):	https://or.niscpr.res.in/index.php/IJEB/article/view	0975-1009

	Ratan Ghosh	Almix and Excel Mera 71 Toxicity Assessment in Heteropneustesfossilis	w/1639	
	Prof. Apurb a Ratan Ghosh	A perspective on molecular and cellular biology-based developmental toxicology biomarkers.	https://cdn.techscience.cn/files/biocell/2023/TSP_BIOCELL-47-12/Biocell-47-12-31114/Biocell-47-31114.pdf	0327-9545
	Prof. Apurb a Ratan Ghosh	Assessment of aquatic ecological health: A comparative study between cistern-made and 'Natural'earthen-made waterbody	https://www.sciencedirect.com/science/article/pii/S2589471423000037	2589-4714
	Prof. Apurb a Ratan Ghosh	An insight on sampling, identification, quantification and characteristics of microplastics in solid wastes	https://www.sciencedirect.com/science/article/abs/pii/S2214158822000289	2214-1588
	Prof. Apurb a Ratan Ghosh	Nanoparticle nutraceuticals in aquaculture: A recent advances	https://www.sciencedirect.com/science/article/abs/pii/S004484862200610X	0044-8486
	Prof. Apurb a Ratan Ghosh	A review on low-cost adsorbent (biochar) for the elimination of potentially toxic elements (PTEs) from contaminated water	https://link.springer.com/article/10.1007/s12517-022-10909-6	1866-7511
	Prof. Apurb	Immobilization of Cr (III) and Cr (VI) from contaminated aqueous solution by using	https://www.tandfonline.com/doi/full/10.1080/1	1556-7036

	a Ratan Ghosh	sewage produced biochar: Affecting factors and mechanisms	5567036.2022.2088899	
	Prof. Apurba Ratan Ghosh	Metal accumulation and morphofunctional damage in coelomocytes of earthworm collected from industrially contaminated soil of Kolkata, India	https://www.sciencedirect.com/science/article/abs/pii/S1532045622000345	1532-0456
	Prof. Apurba Ratan Ghosh	Choline chloride induces growth performance of Indian major carps and air-breathing fish species with an outcome of quality food-fish under a semi-intensive culture system: A biochemical investigation	https://pubs.acs.org/doi/full/10.1021/acsomega.1c06533	2470-1343
	Prof. Apurba Ratan Ghosh	Histopathological changes in the gill of freshwater teleost heteropneustes fossilis (bloch) exposed to metanil yellow	https://pesquisa.bvsalud.org/portal/resource/pt/sea-220635	1630-8611
	Prof. Naba Kumar Mondal	Impact of Inorganic Arsenic (III and V) on Growth and Development of Rice (<i>Oryza sativa</i> L.) with Special Emphasis on Root and Coleoptile Growth	https://link.springer.com/journal/40710	2198-7505
	Prof. Naba Kumar Mondal	Effects of polyethylene terephthalate microplastic on germination, biochemistry and phytotoxicity of <i>Cicer arietinum</i> L. and cytotoxicity study on	https://www.sciencedirect.com/journal/environmental-toxicology-and-pharmacology	1872-7077

	al	Allium cepa L		
	Prof. Naba Kumar Mondal	Impact of two commercially available hair dyes on germination, morpho-physiology, and biochemistry of Cicer arietinum L. and cytotoxicity study on Allium cepa L. root tip	https://www.sciencedirect.com/journal/environmental-research	1096-0953
	Prof. Naba Kumar Mondal	Assessment of household air pollution exposure of tribal women	https://www.sciencedirect.com/journal/science-of-the-total-environment	1879-1026
	Prof. Naba Kumar Mondal	A study on fluoride bioremediation via a novel bacterium Bacillus megaterium (JF273850) isolated from agricultural soil	https://link.springer.com/journal/12040	0973-774X
	Prof. Naba Kumar Mondal	Bio-fabricated silver nanoparticles for controlling dengue and filaria vectors and their characterization, as well as toxicological risk assessment in aquatic mesocosms	https://www.sciencedirect.com/journal/environmental-research	1096-0953
	Prof. Naba Kumar Mondal	Chicken litter: a potential source of arsenic in agricultural soil and its contamination in Cajanus cajan	https://link.springer.com/journal/13762	1735-2630
	Prof. Naba Kumar	GIS based assessment of road traffic noise in and around of schools situated	https://dergipark.org.tr/en/pub/ijastech	2587-0963

	Mondal	near busy roadside		
	Prof. Naba Kumar Mondal	Geochemical appraisal of groundwater arsenic contamination and human health risk assessment in the Gangetic Basin in Murshidabad District of West Bengal, India	https://link.springer.com/journal/12665	1866-6299
	Prof. Naba Kumar Mondal	Insecticidal and fungicidal performance of bio-fabricated silver and gold nanoparticles	https://link.springer.com/journal/13762	1735-2630
	Prof. Naba Kumar Mondal	Recycling of municipal solid waste into valuable organic fertilizer towards rejuvenation of crop physiology, yield and soil health	https://www.tandfonline.com/journals/gags20	1476-3567
	Prof. Naba Kumar Mondal	Fabrication of biochar-based hybrid Ag nanocomposite from algal biomass waste for toxic dye-laden wastewater treatment	https://www.sciencedirect.com/journal/chemosphere	1879-1298
	Prof. Naba Kumar Mondal	Multidimensional controlling properties of biofabricated silver-nanoparticles on different mosquito species	https://www.sciencedirect.com/book/9780128240380/cognitive-data-models-for-sustainable-environment	978-0-12-824038-0

	Prof. Naba Kumar Mondal	Synthesis, characterization and optimization of chicken bile-mediated silver nanoparticles: a mechanistic insight into antibacterial and antibiofilm activity	https://link.springer.com/journal/11356	1614-7499
	Prof. Naba Kumar Mondal	Optimization of rural indoor kitchen structure and minimizing the pollution load: a sustainable environmental modeling approach	https://www.sciencedirect.com/book/9780128240380/cognitive-data-models-for-sustainable-environm	978-0-12-824038-0
	Prof. Naba Kumar Mondal	ZnO nanoparticles: a facile synthesized agent for removing dye from aqueous solution in an ecofriendly way	https://www.sciencedirect.com/book/9780128240380/cognitive-data-models-for-sustainable-environment	978-0-12-824038-0
	Prof. Naba Kumar Mondal	Antibacterial and antibiofilm activity of nanocomposite (BJ-Ag _{0.6} @GO _{0.4}) synthesized from animal-derived liquid waste against ESKAPE pathogen	https://www.sciencedirect.com/journal/materials-today-communications	2352-4928
	Prof. Naba Kumar Mondal	Green synthesized silver nanoparticles mediated regulation on hydrolytic enzymes and ROS homeostasis promote growth of three pulses (<i>Cicer arietinum</i> L., <i>Pisum sativum</i> L., and <i>Vigna radiata</i> L.).	https://link.springer.com/journal/40974	2363-8338
	Prof. Naba Kumar Mondal	Enhanced photocatalytic activity of methylene blue using heterojunction Ag@TiO ₂ nanocomposite: Mechanistic and optimization study	https://www.sciencedirect.com/journal/chinese-journal-of-chemical-engineering	2210-321X

	al			
	Prof. Naba Kumar Mondal	Magnesium oxide nanoparticles alleviate arsenic toxicity, reduce oxidative stress and arsenic accumulation in rice (<i>Oryza sativa</i> L.)	https://link.springer.com/journal/11356	1614-7499
	Prof. Naba Kumar Mondal	Giant cells: multiple cells unite to survive	https://www.frontiersin.org/journals/cellular-and-infection-microbiology	
	Prof. Naba Kumar Mondal	Glyphosate adsorptive behaviour using magnetic activated carbon: kinetics, isotherms, and DFT study	https://link.springer.com/journal/13399	2190-6823
	Prof. Naba Kumar Mondal	Characterization and active component identification of Premna herbacearoxb. root extract reveals anti-inflammatory effect and amelioration of imiquimod induced psoriasis via modulation of macrophage inflammatory response	https://www.sciencedirect.com/journal/phytomedicine	1618-095X
	Prof. Naba Kumar Mondal	Waste plastics acts as a good growth promoter: a laboratory-based study	http://dx.doi.org/10.21203/rs.3.rs-2727944/v1	
	Prof. Naba	Groundwater vulnerability assessment of elevated arsenic in Gangetic plain of West	https://www.sciencedirect.com/journal/journal-	1873-6009

	Kumar Mondal	Bengal, India; Using primary information, lithological transport, state-of-the-art approaches	of-contaminant-hydrology	
	Prof. Naba Kumar Mondal	Efficacy of bile juice mediated Cu@MWCNT nanostructure, with respect to antibacterial and antibiofilm activity	https://www.sciencedirect.com/journal/materials-letters	1873-4979
	Prof. Naba Kumar Mondal	Health effects of pesticides on agricultural workers	https://scienceandculture-isna.org/	
	Prof. Naba Kumar Mondal	Low-cost fluoride adsorbent prepared from renewable bio-waste: Synthesis, characterization and optimization studies	https://jpoll.ut.ac.ir/article_53929.html http://jpoll.ut.ac.ir/article_91955.html	2383-4501
	Prof. Naba Kumar Mondal	Efficacy of Mn-doped ZnO towards Removal of Congo Red Dye under UV Exposure: Isotherm, Kinetics, Thermodynamics and Optimization Study	https://jpoll.ut.ac.ir/news?newsCode=2121	2383-4501
	Prof. Naba Kumar Mondal	Effective utilization of waste plastics towards sustainable control of mosquito	https://www.sciencedirect.com/journal/journal-of-cleaner-production	1879-1786

	Prof. Naba Kumar Mondal	Biomass using tribal women exhibited respiratory symptoms, hypertensive risks and abnormal pulmonary function	https://www.sciencedirect.com/journal/chemosphere	0045-6535
	Prof. Naba Kumar Mondal	A case study of nutrient retranslocation in four deciduous tree species of West Bengal tropical forest, India	https://link.springer.com/journal/42965	2661-8982
	Prof. Naba Kumar Mondal	Sustainable use of plastic-derived nanocarbons as a promising larvicidal and growth inhibitor agent towards control of mosquitoes	https://www.sciencedirect.com/journal/science-of-the-total-environment	1879-1026
	Prof. Naba Kumar Mondal	Statistical physics modelling and density functional theory calculations for glyphosate adsorption using zinc oxide-doped activated carbon	https://www.sciencedirect.com/journal/journal-of-industrial-and-engineering-chemistry	1876-794X
	Prof. Naba Kumar Mondal	Antibacterial, antibiofilm and larvicidal activity of silver nanoparticles synthesized from spider silk protein	https://www.sciencedirect.com/journal/international-journal-of-biological-macromolecules	1879-0003
	Prof. Naba Kumar Mondal	Removal of Congo Red by Waste Fish Scale: Isotherms, Kinetics, Thermodynamics and Optimization Studies	https://jpoll.ut.ac.ir/	2383-4501

	al			
	Dr. Srimanta Gupta	Effect of different land use land cover on surface heat budget – A case study from a tropical humid region of India	https://www.researchgate.net/publication/357341175_Effect_of_different_land_use_land_cover_on_surface_heat_budget_-_A_case_study_from_a_tropical_humid_region_of_India	
	Dr. Srimanta Gupta	The Vulnerability of Human Population to Landslide Disaster: A Case Study of Sikkim Himalayas	https://www.researchgate.net/publication/357545598_The_Vulnerability_of_Human_Population_to_Landslide_Disaster_A_Case_Study_of_Sikkim_Himalayas	978-981-16-7314-6
	Dr. Srimanta Gupta	Analysis of Cyclone Amphan in the Perspective of Disaster Management Cycle and Geospatial Assessment	https://nidm.gov.in/journal14.asp	0973-6700
	Dr. Srimanta Gupta	Effective phosphate removal from sewage water using zerovalent iron nanomaterial as an adsorbent	https://iwaponline.com/wqrj/article/57/3/177/90031/Effective-phosphate-removal-from-sewage-water	
	Dr. Srimanta	Evaluation of geochemical processes and nitrate contamination pathways in Vailapally watershed, Telangana, India:	https://www.researchgate.net/publication/363258699_Evaluation_of_geochemical_processes_and	

	Gupta	a stable isotope perspective	_nitrate_contamination_pathways_in_Vailapally_watershed_Telangana_India_a_stable_isotope_perspective	
	Dr. Srivastava Gupta	Settlement suitability analysis of a riverine floodplain in the perspective of GIS-based multicriteria decision analysis	https://link.springer.com/article/10.1007/s11356-023-26985-4	
	Dr. Srivastava Gupta	Hazard Risk Evaluation of Covid-19: A Case Study	http://dx.doi.org/10.18485/ijdrm.2023.5.2.6	
	Dr. Srivastava Gupta	Geostatistical appraisal of water quality, contamination, source distribution of potentially toxic elements (PTEs) in the lower stretches of Subarnarekha River (Odisha), India, and health risk assessment by Monte Carlo simulation approach	https://pubmed.ncbi.nlm.nih.gov/38227078/	
	Dr. Srivastava Gupta	Decadal loss of above-ground biomass and subsequent potential CO2 emission from the Sundarbans mangrove ecosystem, India.	https://www.sciencedirect.com/science/article/abs/pii/S1872203221001426	
	Dr. Sudipto Mandal	Maximum entropy modelling for predicting the potential distribution of methanogens in Sundarban mangrove ecosystem, India	https://www.sciencedirect.com/science/article/abs/pii/S1872203221001426	1995-4301

	Dr. Sudipto Mandal	Intensification and no till system are efficient nitrogen allocators in rice crops	https://www.tandfonline.com/doi/epdf/10.1080/01904167.2022.2072334?needAccess=true	0190-4167
	Dr. Sudipto Mandal	Modelling the role of urban forest in the regulation of carbon balance in an industrial area of India	https://www.sciencedirect.com/science/article/abs/pii/S1872203222000324	1872-2032
	Dr. Sudipto Mandal	Domestication of rice reshaped associated biodiversity of rice field ecosystem.	https://journals.lu.ac.ir/jad/article-1-176-en.html&sw=Crop	2676-685X
	Dr. Sudipto Mandal	Carbon sequestration and greenhouse gas emissions for different rice cultivation practices	https://www.sciencedirect.com/science/article/abs/pii/S235255092200241X	2352-5509
	Dr. Sudipto Mandal	Microbial populations regulate greenhouse gas emissions in Sundarban mangrove ecosystem, India	https://www.sciencedirect.com/science/article/abs/pii/S187220322100086X	1872-2032
	Dr. Sudipto Mandal	Dynamics of methane and carbon dioxide emissions in the reclaimed islands of Sundarban mangrove ecosystem, India.	https://onlinelibrary.wiley.com/doi/abs/10.1111/aec.13130	1442-9985

	al			
	Dr. Sudipto Mandal	Polluted waters of the reclaimed islands of Indian Sundarban promote more greenhouse gas emissions from mangrove ecosystem.	https://link.springer.com/article/10.1007/s00477-021-02135-5	1436-3240
	Dr. Sudipto Mandal	Modeling of Cadmium Bioaccumulation Dynamics in <i>Channa punctata</i> (Bloch, 1793) of Dankuni Wetland Ecosystem and Assessment of Risk to Human Health.	https://link.springer.com/article/10.1007/s12010-023-04455-4	0273-2289
	Dr. Sudipto Mandal	Investigating the Health of a Rice Field Ecosystem Using Thermodynamic Extremal Principles	https://ageconsearch.umn.edu/record/343167/?v=pdf	2581-6152
	Dr. Sudipto Mandal	A new methodological approach to the establishment of sustainable agricultural ecology in drought vulnerable areas of eastern India	https://www.sciencedirect.com/science/article/abs/pii/S1574954123000420	1878-0512
	Dr. Sudipto Mandal	The effects of no-tillage and conventional tillage on greenhouse gas emissions from paddy fields with various rice varieties.	https://www.sciencedirect.com/science/article/abs/pii/S0167198723001393	0167-1987
	Dr. Sudipto	Litter dynamics of forest ecosystem in an urban and pristine area of West Bengal,	https://www.jeb.co.in/journal_issues/202309_se	0254-8704

	Mandal	India.	p23/paper_06.pdf	
	Dr. Sudipto Mandal	A novel coupled framework for detecting hotspots of methane emission from the vulnerable Indian Sundarban mangrove ecosystem using data-driven models.	https://www.sciencedirect.com/science/article/abs/pii/S0048969722084236	0048-9697
	Dr. Sudipto Mandal	Source identification and potential health risks from elevated groundwater nitrate contamination in Sundarbans coastal aquifers, India	https://www.nature.com/articles/s41598-024-54646-0	2045-2322
	Dr. Sudipto Mandal	Ecosystem richness degradation assessment from elevated hydro-chemical properties of Chilka Lake, India	https://www.nature.com/articles/s41598-024-54646-0	0262-6667

* Please do not furnish the reports of Papers which were published before 1.06.16. Information regarding papers sent or accepted will not appear in the Annual Report.

** Only those articles are to be reported which are recognized for the UGC prescribed API *calculation*. Types are:-

(A) Referred journal (B) Journal/periodical having ISSN, (C) book/chapter in Ed.Vol. Published by International Publisher (D) Book/chapter in Ed.vol. published by National level publisher with ISBN (E) Book/Chapter in Ed.vol. Published by local level publisher with ISBN.

D. Sanctioned Research Projects – (Continuing)

	Name of the Project	Sanctioning Authority	Amount	Duration &
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			sancti oned	Progr ess
	Vulnerability of tribal women affected from dual effects of biomass and tobacco smoke: A biomarker based cross-sectional study	Science & Engineering Research Board (SERB) (A statutory body of the Department of Science & Technology, Government of India)	Rs. 30,26, 120/-	3 Years (2020 - 2023)
	Development of nano-weapons from waste plastics and its efficacy against mosquito vector	Science & Engineering Research Board (SERB) (A statutory body of the Department of Science & Technology, Government of India)	Rs. 35,44, 332/-	3 Years (2021 - 2024)
	Bioremediation of polycyclic aromatic hydrocarbons (PAHs)-contamination at Digha Coastal Water (West Bengal)	WBDSTBT	Appro x 9 Lakh	4Year s
	Qualitative estimation of subsurface water flow and identification of contaminant mobilization in mining areas using	DST (GoI)	Total- 7,15,9 75/-	24.02. 20 21- 24.02. 20 24 (Ongo

	nanomaterials as tracers			ing)
	Structurally dynamic model of greenhouse gas emission and carbon sequestration in Sundarban mangrove ecosystem, India	DST-SERB	Total: 37.6 lakhs	3 years

5. Examination Results :

Course	Appeared			Passed		
	Men	Women	Total	Men	Women	Total
Sem I	4	9	13	4	9	13
Sem II	4	9	13	4	9	13
Sem III	4	14	18	4	14	18
Sem IV	4	14	18	4	14	18

6. Faculty Improvement Programme: *[Please give a short note on the measures taken]*

7. Patent awarded/ applied for: **NA**

8. Any other achievement of the Department: **NA**

DEPARTMENT OF FOREIGN LANGUAGE

Number of seats available during the year

Year				
		Number of seats available/sanctioned	Number of eligible applications received	Number of Students admitted
Certificate in FRENCH		100	28	18
Diploma in FRENCH		50	7	7
Adv Diploma in FRENCH		50	1	1
Certificate in RUSSIAN		50	10	6

the year & 2.4.3 Total teaching experience of full time teachers in the same institution during the year

Designation	Year of appointment	Nature of appointment (Against Sanctioned post, temporary, permanent)	Name of the Department	Total years of Experience in the same institution
ASSOCIATE PRPOFESSOR	1990	PERMANENT	FOREIGN LANGUAGES	33 YEARS
ASSISTANT PROFESSOR	2018	PERMANENT	FOREIGN LANGUAGES	5 YEARS

DEPARTMENT OF GEOGRAPHY

Head of the Department : Prof. Giasuddin Siddique

1. Field of Studies of the approved Course contents :

C	Name	C	Name	C	Name
o		o		o	
u		u		u	
r		r		r	
s		s		s	
e		e		e	
c		c		c	
o		o		o	
d		o		o	

e		d		d	
		e		e	
M S G G	Geographical Thought	M S G G	Recent Trend in Geography	M S G G	Social and Cultural Geography
1 0 1		2 0 1		3 0 1	
M S G G	Geotectonics and Geomorphology	M S G G	Climatology & Hydrology	M S G G	Contemporary Geographical Issues in India
1 0 2		2 0 2		3 0 2	
M S G G	Soil and Biogeography	M S G G	Region & Regional Planning	M S G G	Statistical Techniques in Geographical Analysis
1 0 3		2 0 3		3 0 3	
M S G G	Resources and Economic Activities	M S G G	Population and Settlement Geography	M S G G	Geoinformatics / Environmental Geography
1 0 4		2 0 4		3 0 4	

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Guest Lectr.										
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3. Name & Designation of the Faculty members with degree and specialization:

Name of Faculty	Designation	Academic Qualification	Specialization (area of research)
Dr. Giyasuddin Siddique	Professor	Ph.D (1999)	Environmental Geography; Forest and People; Impact Studies (Big Dams and River Bank Erosion) Climate Change; Wetland Ecosystem; Social Geography; Tribal Studies; Urban Geography
Dr. Sanat Kumar Guchhait	Professor	M.Sc. Ph.D (2005)	Environmental Issues, Tribal Livelihood, Social Exclusion, Urban Ecology,

			Social Ecology
Dr. Narayan Chandra Jana	Professor	M. A., Ph. D. 1999 , (Geography), M. Sc. (Disaster Mitigation), PG Diploma (Sustainable Rural Development), Diploma (Tourism Studies))	Applied Geomorphology, Disaster Management, Land Use Studies, Rural Development, Environmental Geography
Dr. Gopa Samanta	Professor	M.A., Ph.D. (2002)	Urban studies, Gender studies, Hydro-Environment, Socio-cultural Geography
Dr. Biplab Biswas	Professor	Ph.D (2008)	Geomorphology, GIS, Hydrology, Medical Geography etc.
Dr. Namita Chakma	Professor	M.A., Ph.D (2015)	Regional Planning and Development; Population Studies
Dr. Biswaranjan Mistri	Professor	Ph.D (2013)	Soil and Agricultural Geography, Environmental Geography
Dr. Tapas Mistri	Assistant Professor III	M.Sc., B.Ed., Ph.D. (2015)	Urban, industrial, tribal, agricultural geography

Dr. Sumana Sarkar	Assistant Professor II	M.A., Ph.D (2013)	Regional Planning and Development; Gender Studies etc.
Dr. Subodh Chandra Pal	Assistant Professor II	Ph.D (2015)	Natural Hazards & Disaster Management
Dr. Somasis Sengupta	Assistant Professor II	M.Sc., Ph.D. (2015)	Geomorphology

4. Student Enrolment (2022-23)

Course(s)		Men			Women			Total			
		G	e	n	G	e	n	T	o	t	a
M A / M Sc / M C o m	1 st Sem	1			3			5			7
		3			7			1			1
	2 nd Sem										
	3 rd Sem	1			3			5			7
		7			8			4			8

	4 th Sem												
M · P h il		0 2				0 1				0 1			0 9

5. Research Activities :

A. Research work by the scholars : (In Progress)

Sl. No.	Name of the Scholar(s)	Topic of Research	Supervisor(s)
1	Dr. Sumita Roy	Migration and Livelihood of Non-Bengali Informal Labour in Kolkata City	Prof. Gopa Samanta
2	Dr. Arindam Roy	Homeless People and the Question of Social Justice in Kolkata Municipal Corporation	Prof. Giasuddin Siddique
3	Dr. Arpita Sarkar	Contemporary Socio-Economic Perspective of Rabha Community in West Bengal	Dr. Tapas Mistri
4	Dr. Prakash Mistri	Impact of Physical Characteristics on Agricultural Land Suitability in Malda District	Dr. Somasis Sengupta
5	Dr. Jhantu Mondal	Changing Scenario of Human-Elephant Conflict in North Forest Division of Bankura, West Bengal	Dr. Deb Prakash Pahari

6	Dr. Md. Hasanur Jaman	Watershed Management and Agricultural Sustainability in Kumari River Basin	Dr. Somasis Sengupta
7	Dr. Subhajit Ghatak	Imaging Social Space and Perceiving Locale of Selected Railway Stations of West Bengal	Prof. Sanat Kumar Guchhait
8	Dr. Susmita Sengupta	Physical and Socio-economic Barriers of First-Generation Learners of Jhalda I and II Blocks of Purulia District	Prof. Sanat Kumar Guchhait
9	Sri Krishnendu Maji	Academic Achievement of Secondary School Students in Saltora Block of Bankura District, West Bengal	Dr. Sumana Sarkar
10	Sri Aritra Basak	Human Health Status of Economically Weak and Socially Marginal Classes in Selected Districts of West Bengal	Prof. Giasuddin Siddique
11	Sri Asish Dhara	Urban Livelihood and Prevalence of Non-Communicable Diseases in Selected Cities of West Bengal	Prof. Biplab Biswas
12	Sri Ritabrata Mukhopadhyay	Spatial Significance of Socio-political Movements in Puruliya District, West Bengal	Prof. Narayan Chandra Jana
13	Dr. Subhendu Ghosh	Growth and Changes in Urban Ecological Setup of Chandernagore and Hooghly-Chinsurah Urban Area	Prof. Giasuddin Siddique
14	Dr. Rabin Chakraborty	Assessment of Soil Erosion in the Catchment Area and its Impact on Reservoir Sedimentation in Kangsabati River	Dr. Subodh Chandra Pal

15	Dr. Debmita Nandi	Work Participation and Livelihood Security of Rural Women in Bankura District, West Bengal	Dr. Sumana Sarkar
16	Dr. Sanu Dolui	Changing Landscape in Fringe Areas of Selected Cities in West Bengal	Dr. Sumana Sarkar
17	Sri Rahul Patra	Mapping Cultural Buffer Through Selected Locales Along the Jharkhand-West Bengal Border	Prof. Sanat Kumar Guchhait
18	Sri Biswajit Mandal	Spatial Variation of Socio-Economic Condition of Aged People in Kalyani Sub-division of Nadia District, West Bengal	Prof. Biswaranjan Mistri
19	Sri Chanchal Kumar Dey	Spatio-Temporal Change in Agriculture and its Role on Agro-Economy of Purba Bardhaman District, West Bengal	Dr. Tapas Mistri
20	Smt. Pompa Mondal	Urban Growth and Changing Socio-Economic Environment of Rajpur-Sonarpur Municipal Area, West Bengal	Dr. Tapas Mistri
21	Sri Pradhan Shaw	People and Livelihoods Under Coastal Tourism Sector: A Case Study of Purba Medinipur District, West Bengal	Dr. Deb Prakash Pahari
22	Sri Mehedi Hasan Mondal	Dynamisms and Ecosystem Services of Selected Wetlands Clustered in the Lower Part of Bhagirathi-Jalangi Interfluvium	Prof. Giasuddin Siddique
23	Smt. Samsunnehar	Education and Empowerment of Rural Muslim Women in Murshidabad District, West Bengal	Dr. Sumana Sarkar
24	Dr. Soumen Ghosh	Livelihood Vulnerability in the Context of Coastal Hazards in the Matla-Bidya Estuarine Zone,	Prof. Biswaranjan

		Indian Sundarban	Mistri
25	Sri Mukesh Singh	Socio-economic Transformation and Cultural Adaptation of Inter-State Migrants in Selected Urban Centres of Paschim Bardhaman District, West Bengal	Prof. Giyasuddin Siddique
26	Smt. Koyel Sarkar	Ecological Imprints and Cultural Heritage of Burdwan Raj Dynasty: Retrospective and Perspective	Prof. Sanat Kumar Guchhait
27	Smt. Sumana Koner	Imaging Streetscape in the Cityscape of Bardhaman, West Bengal	Prof. Gopa Samanta
28	Smt. Manami Dutta	Tea Gardens as Gendered Spaces: A Study of Dooars, West Bengal	Prof. Gopa Samanta
29	Smt. Suparna Pal	The State of Rural Urban Divide: A Study of Burdwan Town and Surrounding Large Villages	Prof. Gopa Samanta
30	Sri Arup Kumar Saha	Access to Healthcare Services in Dakshin Dinajpur District, West Bengal: A Spatio-Temporal Analysis	Prof. Narayan Chandra Jana
31	Sri Tapan Pramanick	Spatio-Temporal Analysis of Tuberculosis in Some Selected Districts of West Bengal	Prof. Narayan Chandra Jana
32	Sri Sk. Ismaile	Reorganization of Districts of West Bengal Since Independence and its Impact on Development	Prof. Namita Chakma
33	Sri Utpal Panja	Spatio-Temporal Dynamicity of Elephant Corridors in West Bengal and its Impact on	Prof. Biswaranjan

		Human-Elephant Interface	Mistri
34	Sri Indrajit Chowdhuri	Assessment of Land Suitability in Response to Toposequence and Climate for Agricultural Sustainability in Bankura District, West Bengal	Dr. Subodh Chandra Pal
35	Smt. Benojir Yasmin	Deprivation and Social Exclusion of the Tribal Labourers in Tea Gardens of Jalpaiguri and Alipurduar Districts, West Bengal	Prof. Giasuddin Siddique
36	Sri Krishnapada Sahoo	Tribal Social Systems and Traditional Ecological Knowledge in Restoration of Forest Habitat and Regeneration of Indigeneous Plant Species in Jhargram District, West Bengal	Prof. Giasuddin Siddique
37	Sri Anarul Hoque	Evaluating the Role of Landform and Physical Landscape in Influencing Cultural Landscape Surrounding Joychandi Pahar, West Bengal	Prof. Sanat Kumar Guchhait
38	Smt. Priya Chowdhury	Slums in Kolkata City: A Study of Government Intervention in Informal Settlements	Prof. Gopa Samanta
39	Sri Pranabpati Karmakar	Role of Transport Infrastructure on Sustainable Livelihood in the Sundarban Region: A Case Study of Basirhat Subdivision, West Bengal	Prof. Narayan Chandra Jana
40	Smt. Tania Islam	Geographical Enquiry to Map Marriage Pattern and Reproductive Health Status in Murshidabad District, West Bengal	Prof. Biplab Biswas
41	Smt. Kumkum Dey	Evaluating Wetlands, Fish Culture of Nadia District, West Bengal for Poverty Alleviation, Nutritional Improvement to Achieve Sustainable Development Goals	Prof. Biplab Biswas

42	Sri Susanta Sen	Trends and Determinants of Early Marriage Among Females in Rural West Bengal With Special Reference to Murshidabad District	Prof. Namita Chakma
43	Sri Soumitra Saha	Assessment of Access to Water Resources and Farm-Based Livelihood Status of Puruliya District, West Bengal	Prof. Namita Chakma
44	Sri Asif Ali	Prevalence and Determinants of Undernutrition Among Women in West Bengal with Special Reference to North 24 Parganas and Puruliya Districts	Prof. Namita Chakma
45	Sri Piyush Maji	Agricultural Soil Health and Uses of Agro-Chemicals: A Study in the Selected C.D. Blocks of Purba Bardhaman District, West Bengal	Prof. Biswaranjan Mistri
46	Smt. Rakhi Mandal	Impact of Heavy Metals on Agricultural Soil Health in Industrial Area: A Study in Jamuria C.D. Block of Paschim Bardhaman District, West Bengal	Prof. Biswaranjan Mistri
47	Sri Asish Saha	Status of Groundwater Under Emerging Climate Variability and Management in Birbhum District, West Bengal	Dr. Subodh Chandra Pal
48	Smt. Paramita Roy	Exploring the Status and Management of the Badland Topography of the Sanjai River Basin, Jharkhand, India	Dr. Subodh Chandra Pal
49	Sri Subha Roy	Evaluating Watershed Health and Vulnerability in the Mayurakshi River System	Dr. Somasis Sengupta
50	Smt. Sumana Nandi	Towards Sustainable Rural Housing: An Assessment of Pradhan Mantri Awas Yojana -	Dr. Tapas Mistri

		Gramin in Paschim Bardhaman District, West Bengal	
51	Smt. Tahamina Khatun	Change in the Landscape Ecology of Coastal Areas of Purba Medinipur District, West Bengal: Negotiating Nature With Culture	Prof. Sanat Kumar Guchhait
52	Smt. Rakhi Das	Exploring the Dynamics of Land and People: Chars of the Ganga River Upstream of Farakka Barrage, West Bengal	Prof. Gopa Samanta
53	Sri Rakesh Sarkar	Urbanising Indian Sundarban: The Interplay of Development and Environment	Prof. Gopa Samanta
54	Sri Buddhadev Hembram	Impact of Rapid Urban Growth on Living Environment in Siliguri Municipal Corporation, India	Prof. Narayan Chandra Jana
55	Sri Sourav Halder	Inland Fisheries of Indian Sundarban: Spatio-Temporal Trends and Patterns	Prof. Narayan Chandra Jana
56	Sri Amit Banerjee	Availability and Utilization of Maternal Healthcare Services in Indian Sundarban: Differential Patterns and Determinants	Prof. Namita Chakma
57	Smt. Geetika Ganguly	Appraisal of Irrigation Systems Towards Sustainable Use of Groundwater in DVC Canal Command Area	Prof. Namita Chakma
58	Smt. Manasree Sarkar	Study on Expansion of Shrimp Culture and its Impact on Environment in Selected C.D. Blocks of Indian Sundarban	Prof. Biswaranjan Mistri

59	Sri Amit Kumar Bera	Agrarian Crisis in Selected Coastal C.D. Blocks of South 24 Parganas District, West Bengal	Prof. Biswaranjan Mistri
60	Sri Souvik Das	Controls on the Channel Morphology of the Barakar River Basin	Dr. Somasis Sengupta
61	Sri Ratan Pal	Estimating Soil Erosion and its Impacts: A Sustainable Land Utilization Perspective in the Silabati River Basin, Eastern India	Prof. Narayan Chandra Jana
62	Sri Manoj Kumar Mahato	Wasteland Management and Sustainable Development in Drought-Prone Purulia District, West Bengal	Prof. Narayan Chandra Jana

***C. Research by Faculty Members: [Papers published during this year only]**

	Name of the Teacher	Title of Papers	Ref. to the Publication	Type of publication **
	Giyasudd in Siddique	Appraisal of Coexistence and Interdependence of Forest Tribes in Jhargram	http://doi.org/10.1007/s10708-022-10696-3	Referred journal

		District of West Bengal, India Using SWOT-AHP Analysis		
	Giyasudd in Siddique	Investigating Present Status of Floodplain Wetlands as Habitat of Water Birds and its Determinants: An Experience from Lower Part of Deltaic West Bengal, India	http://doi.org/10.1007/s13157-022-01591-1	<i>Referred journal</i>
	Giyasudd in Siddique	Challenges and Prospects of Apple Cultivation in Himachal Pradesh	http://doi.org/10.20896/saci.v10i4.1252	<i>Referred journal</i>
	Giyasudd in Siddique	Investigating the Relationship between Begging and	http://doi.org/10.1007/s42087-023-00330-9	<i>Referred journal</i>

		Homelessnes s: Experiences from the Street Beggars of Kolkata, West Bengal, India		
	Giyasudd in Siddique	Recent Challenges and Future Sustainabilit y of Potato Cultivation in Hugli District, West Bengal: A Geographica l Appraisal using SWOT- AHP Analysis	http://epubs.icar.org.in/index.php/PotatoJ/article/view/129381/49487	<i>Referred journal</i>
	Giyasudd in Siddique	Prospects of Floriculture Developmen t in Purba Medinipur District, West Bengal: A Model	10.35629/7722-12090918	<i>Referred journal</i>

		Based Planning Strategy using SWOT-QSPM Analysis.		
	Giyasudd in Siddique	The British Indenture System for Tea Gardens in North Eastern India and Making of the Plantation Coolies.	http://www.hillgeographer.in/files/Certificatesociety.pdf	<i>Referred journal</i>
	Giyasudd in Siddique	Socio-ecological impact of forest legislations on forest and forest-people of Jhargram District, West Bengal.	https://doi.org/10.1016/j.landusepol.2023.106940	<i>Referred journal</i>
	Narayan Chandra Jana	Late Holoceneriv er dynamics and sedimentati	http://doi.org/10.1002/gj.4678	<i>Referred journal</i>

		on in the Lower Ganga plains, India		
	Narayan Chandra Jana	Spatial mapping of the incidence, case-fatality rate and recovery rate of COVID-19 in West Bengal: An epidemiology study	https://doi.org/10.21608/MID.2023.164770.1387	<i>Referred journal</i>
	Gopa Samanta	Claiming Space: Locating women in Indian Geography		<i>Referred journal</i>
	Gopa Samanta	Indian 'Urban' Classification at Crossroad		<i>Referred journal</i>
	Gopa Samanta	Understanding Immobility of a Highly Vulnerable	https://doi.org/10.1007/s10113-022-01931-1	<i>Referred journal</i>

		Coastal Village in the Indian Sundarban		
	Gopa Samanta	Questioning the 'Two-Leaves-And-A-Bud' Narrative: Women's Life in the Tea Gardens		<i>Referred journal</i>
	Gopa Samanta	Urbanizing Delta: The Socio-spatial Transformation of Indian Sunderbans	https://doi.org/10.1007/s10708-022-10778-2	<i>Referred journal</i>
	Gopa Samanta	Impact of Floods and Riverbank Erosion on the Riverine People in Manikchak Block of Malda District, West Bengal	http://doi.org/10.1007/s10668-022-02648-1	<i>Referred journal</i>
	Gopa Samanta	The Streetscape of Grand Trunk Road		<i>Referred journal</i>

		of Bardhaman Cit: Understanding Multi-Dimensional Mosaic Space		
	Gopa Samanta	How do Migration Decisions and Drivers Differ Against Extreme Environmental Events?	http://doi.org/10.1080/17477891.2023.2195152	<i>Referred journal</i>
	Gopa Samanta	Dismantling Hierarchy and the Epistemological Concerns in Empirical Research		<i>Referred journal</i>
	Gopa Samanta	The complex interplay of out-migration and urbanisation : rural to urban transformati	https://doi.org/10.1007/s10708-023-10909-3	<i>Referred journal</i>

		on in Murshidabad district, India		
	Gopa Samanta	Local Economy as the Key Driver of Urbanization in the Indian Sundarbans	https://doi.org/10.1177/09754253231193124	<i>Referred journal</i>
	Gopa Samanta	The Social and the City	https://www.epw.in/journal/2023/52/review-urban-affairs/social-and-city.html	<i>Referred journal</i>
	Sanat Kumar Guchhait	Seasonal Migration and Child's Schooling: A Survival Approach	https://doi.org/10.1177/2455328X221131663	<i>Referred journal</i>
	Sanat Kumar Guchhait	Geomorphic Character and Dynamics of Gully Morphology, Erosion and Management in Laterite Terrain: Few Observations from Dwarka-	https://doi.org/10.1080/24749508.2020.1812148	<i>Referred journal</i>

		Brahmani Interfluve, Eastern India		
	Sanat Kumar Guchhait	Translating Victims' Perceptual Variations into Policy Recommendations in the Context of Riverine Floods in a Tropical Region	http://doi.org/10.1016/j.ijdr.2023.103557	<i>Referred journal</i>
	Sanat Kumar Guchhait	Influence of green space on place attachment in urban areas: perspective from a rapidly growing medium-size town of India	https://doi.org/10.1007/s10668-023-03976-6	<i>Referred journal</i>

	Biplab Biswas	Impacts of a Lead Smelter in East Java, Indonesia: Degree of Contamination, Spatial Distribution, Ecological Risk and Health Risk Assessment of Potentially Toxic Elements in Soils	https://doi.org/10.1007/s10661-023-11745-1	<i>Referred journal</i>
	Biplab Biswas	Report on "The Second United Nations World Geospatial Information Congress (UN-WGIC) Pre-Event"	http://doi.org/10.1007/s40009-023-01209-y	<i>Referred journal</i>
	Biplab Biswas	Insights from the Five-day National Training Programme	https://doi.org/10.1007/s12594-023-2539-y	<i>Referred journal</i>

		on "Earth Observation Data Analytics for Disaster management Focussing on Flood and Drought"		
	Biplab Biswas	Cyclone Yaas: A Curse to Coastal People of Odisha and West Bengal (India)	https://doi.org/10.1007/s40009-023-01251-w	<i>Referred journal</i>
	Namita Chakma	Long Period Trend Analysis of Precipitation and Temperature of West Sikkim, India	https://doi.org/10.54302/mausam.v73i2.5484	<i>Referred journal</i>
	Namita Chakma	Impact of Agricultural Pesticides on Ecosystem and Human Health: A Case study	https://doi.org/10.1007/s12517-022-09902-w	<i>Referred journal</i>

		in Lower Gangetic Plain, India		
	Namita Chakma	Responses of Rural Livelihood with Limited Access to Water Resources: A Case from Water-scarce Region of West Bengal, India	https://doi.org/10.1007/s10668-023-03996-2	<i>Referred journal</i>
	Biswaranjan Mistri	Chemical fertilization as potential pathways of heavy metal contents in agricultural soil in Memari II Block, West Bengal, India	http://dx.doi.org/10.53550/PR.2022.v41i03.036	<i>Referred journal</i>
	Biswaranjan Mistri	Changing Pattern of Land Use and Land Cover due	https://link.springer.com/article/10.1007/s12524-022-01559-y#:~:text=Result%20reveals%20that%20the%20cropland,10.96%20km2%20(34.27%25).	<i>Referred journal</i>

		to Sonepur-Bazari Open Cast Coal Mine and its impact on Surrounding area, West Bengal, India		
	Biswaranjan Mistri	Analyzing the multi-hazard coastal vulnerability of Matla-Bidya inter-estuarine area of Indian Sundarbans using analytical hierarchy process and geospatial techniques	http://dx.doi.org/10.1016/j.ecss.2022.108144	<i>Referred journal</i>
	Biswaranjan Mistri	Appraisal on human-elephant conflict in multifunctional landscape of the	http://dx.doi.org/10.1007/s10708-023-10886-7	<i>Referred journal</i>

		Mayurjharna Elephant Reserve in India		
	Biswaranjan Mistri	Cyclone-induced Coastal Vulnerability, Livelihood Challenges and Mitigation Measures in Matla-Bidya Inter-estuarine Area, Indian Sundarban	http://dx.doi.org/10.1007/s11069-023-05840-2	<i>Referred journal</i>
	Biswaranjan Mistri	Determination of Soil Quality Index of agricultural land adjacent to industrial sites of Jamuria C.D. Block, Paschim Bardhaman District, West Bengal	https://link.springer.com/article/10.1007/s10661-023-12156-y	<i>Referred journal</i>

	Sumana Sarkar	Assessment of the Nutritional Status and Level of Health Awareness among the Adolescent Girls of Rural West Bengal, India	0	<i>Referred journal</i>
	Sumana Sarkar	Modelling Landuse Dynamics of Ecologically Sensitive Peri-Urban Space by Incorporating an ANN Cellular Automata-Markov Model for Siliguri Urban Agglomeration, India	https://doi.org/10.1007/s40808-023-01771-w	<i>Referred journal</i>
	Tapas Mistri	Socio-economic Status of the Glove	http://doi.org/10.5958/2249-7315.2022.00376.8	<i>Referred journal</i>

		Puppeteers of East Midnapur, West Bengal, India		
	Tapas Mistri	Transformation of rural settlement in Salanpur community development block, West Bengal, India	https://doi.org/10.1007/s10708-021-10565-5	<i>Referred journal</i>
	Tapas Mistri	Rural Housing Condition of India: A Saga of Spatial Deprivation	0	<i>Referred journal</i>
	Tapas Mistri	Vagaries of monsoon and the role of river basin ecosystem for sustainable agriculture in Indus and kotulpur CD	http://doi.org/10.5958/2249-7315.2023.00014.X	<i>Referred journal</i>

		blocks of Bankura district, West Bengal		
	Somasis Sengupta	Monitoring the Temporal Dimension of Soil Erosion in Mayurakshi Basin, India: A Novel Approach Integrating RUSLE, Shannon's Entropy and Landscape Ecological Metrics	https://doi.org/10.1007/s12040-022-02006-9	<i>Referred journal</i>
	Somasis Sengupta	Predicting Terrain Erosion Susceptibility from Drainage Basin Morphometry using ALOS-PALSAR DEM: Analysis	https://doi.org/10.1007/s10668-022-02450-z	<i>Referred journal</i>

		from PCA-weighted AHP Approach in a River System of Eastern India		
	Deb Prakash Pahari	Opencast coal mining induced land use land cover change: A case study of Pandabeswar block, West Bengal, India through images available from Google Earth	0	<i>Referred journal</i>
	Subodh Chandra Pal	Modeling soil erosion susceptibility using GIS-based different machine learning	http://doi.org/10.1007/s40808-022-01681-3	<i>Referred journal</i>

		algorithms in monsoon dominated diversified landscape in India		
	Subodh Chandra Pal	Development of geo-environmental factors-controlled flash flood hazard map for emergency relief operation in complex hydro geomorphic environment of tropical river, India	http://doi.org/10.1007/s11356-022-23441-7	<i>Referred journal</i>
	Subodh Chandra Pal	Profitable agricultural land use planning in a red and lateritic soil of subtropical environment using field based index	http://doi.org/10.1080/10106049.2022.2129840	<i>Referred journal</i>

		of crop suitability (ICS)		
	Subodh Chandra Pal	Flood susceptibility mapping using meta-heuristic algorithms	https://doi.org/10.1080/19475705.2022.2060138	<i>Referred journal</i>
	Subodh Chandra Pal	Understanding the scale effects of topographical variables on landslide susceptibility mapping in Sikkim Himalaya using deep learning approaches	https://doi.org/10.1080/10106049.2022.2136255	<i>Referred journal</i>
	Subodh Chandra Pal	Application of novel framework approach for assessing rainfall induced future landslide hazard to world heritage	https://doi.org/10.1080/10106049.2022.2134464	<i>Referred journal</i>

		sites in Indo-Nepal-Bhutan Himalayan region		
	Subodh Chandra Pal	Threats of soil erosion under CMIP6 SSPs scenarios: an integrated data mining techniques and geospatial approaches	https://doi.org/10.1080/10106049.2022.2127925	<i>Referred journal</i>
	Subodh Chandra Pal	Effect of hydrogeochemical behavior on groundwater resources in Holocene aquifers of moribund Ganges Delta, India: Infusing data-driven algorithms	https://doi.org/10.1016/j.envpol.2022.120203	<i>Referred journal</i>
	Subodh Chandra	Climate change and groundwater	https://doi.org/10.1016/j.scitotenv.2022.157850	<i>Referred journal</i>

	Pal	r overdraft impacts on agricultural drought in India: Vulnerability assessment, food security measures and policy recommendation		
	Subodh Chandra Pal	Hydrogeochemical characterization based water resources vulnerability assessment in India's first Ramsar site of Chilka lake	https://doi.org/10.1016/j.marpolbul.2022.114107	<i>Referred journal</i>
	Subodh Chandra Pal	Estimation of rainfall-runoff using SCS-CN method and GIS techniques in drought-prone area	https://doi.org/10.1007/s40899-022-00731-z	<i>Referred journal</i>

		of Upper Kangsabati Watershed, India		
	Subodh Chandra Pal	Constructing high-resolution groundwater drought at spatio-temporal scale using GRACE satellite data based on machine learning in the Indus Basin	https://doi.org/10.1016/j.jhydrol.2022.128295	<i>Referred journal</i>
	Subodh Chandra Pal	Decision tree based ensemble machine learning approaches for landslide susceptibility mapping	https://doi.org/10.1080/10106049.2021.1892210	<i>Referred journal</i>
	Subodh Chandra Pal	Taxonomic approach and potential anthropic indices to	http://doi.org/10.1080/02723646.2023.2236839	<i>Referred journal</i>

		understanding cross-sectional morphology and landscape modification of a tropical river Basin, India		
	Subodh Chandra Pal	Assessment of soil heavy metal pollution and associated ecological risk of agriculture dominated mid-channel bars in a subtropical river basin	http://doi.org/10.1038/s41598-023-38058-0	<i>Referred journal</i>
	Subodh Chandra Pal	Land subsidence susceptibility mapping: comparative assessment of the efficacy of the five models	http://doi.org/10.1007/s11356-023-27799-0	<i>Referred journal</i>

	Subodh Chandra Pal	The effects of no-tillage and conventional tillage on greenhouse gas emissions from paddy fields with various rice varieties	http://doi.org/10.1016/j.still.2023.105772	<i>Referred journal</i>
	Subodh Chandra Pal	Hydrogeochemical properties of groundwater and associated human health hazards in coastal multiaquifers of India	http://doi.org/10.1007/s11356-023-27765-w	<i>Referred journal</i>
	Subodh Chandra Pal	Personal protective equipment-derived pollution during Covid-19 era: A critical	http://doi.org/10.1016/j.scitotenv.2023.164164	<i>Referred journal</i>

		review of ecotoxicology impacts, intervention strategies, and future challenges		
	Subodh Chandra Pal	Groundwater vulnerability assessment of elevated arsenic in Gangetic plain of West Bengal, India; Using primary information, lithological transport, state-of-the-art approaches	http://doi.org/10.1016/j.jconhyd.2023.104195	<i>Referred journal</i>
	Subodh Chandra Pal	Pollution trends and ecological risks of heavy metal(loid)s in coastal zones of Bangladesh:	http://doi.org10.1016/j.marpolbul.2023.114960	<i>Referred journal</i>

		A chemometric review		
	Subodh Chandra Pal	Seasonality of meteorological factors influencing the COVID-19 era in coastal and inland regions of Bangladesh	http://doi.org/10.1080/10106049.2023.2203115	<i>Referred journal</i>
	Subodh Chandra Pal	A critical review and prospect of NO ₂ and SO ₂ pollution over Asia: Hotspots, trends, and sources	http://doi.org/10.1016/j.scitotenv.2023.162851	<i>Referred journal</i>
	Subodh Chandra Pal	Hydrogeochemical evaluation for human health risk assessment from contamination of coastal groundwater	http://doi.org/10.1016/j.jclepro.2023.136647	<i>Referred journal</i>

		r aquifers of Indo-Bangladesh Ramsar site		
	Subodh Chandra Pal	A new methodological approach to the establishment of sustainable agricultural ecology in drought vulnerable areas of eastern India	http://doi.org/10.1016/j.ecoinf.2023.102013	<i>Referred journal</i>
	Subodh Chandra Pal	Living with Floods Using State-of-the-Art and Geospatial Techniques: Flood Mitigation Alternatives, Management Measures, and Policy Recommendations	http://doi.org/10.3390/w15030558	<i>Referred journal</i>

	Prof. Sanat Kumar Guchhait	Image and Perception of Royal Heritage and Eco-Space of the Medium Towns in India: Reflection from Burdwan Royal Heritage Site	978-981-99-3006-7	Book chapter
	Prof. Sanat Kumar Guchhait	Livelihood Constraints and Socio-ecological Loops: Household Drought Coping Survival Strategies in Rural Plateau Tracks of Eastern India	978-0-443-18707-0	Book chapter
	Prof. Sanat Kumar Guchhait	Discoursing River from Physical and Social	978-3-031-11181-5	Book chapter

		Backdrops		
	Prof. Gopa Samanta	BOOK	978-93-91139-37-7	Book
	Prof. Gopa Samanta	Industrial Zone to New Skycity: (Un)making of India's First Aerotropolis	978-93-5442-361-1	Book chapter
	Prof. Narayan Chandra Jana	BOOK	978-1-5275-9014-4	Book
	Prof. Narayan Chandra Jana	Impact of Climate Change on Sustainabilit y in Selected Coastal Blocks of Sunderban Region, West Bengal	978-93-91355-60-9	Book chapter
	Prof. Namita Chakma	Determinant s of Early Marriage among Females in Eastern India - Insights	978-81-954775-2-4	Book chapter

		from National Family Health Survey		
	Prof. Namita Chakma	Sikkim Through the Ages	978-1-032-46862-4	Book chapter
	Dr. Tapas Mistri	Socio-economic Status of People in 'New Normal': A Case-study of Hura C.D. Block, West Bengal. India	978-93-5506-195-9	Book chapter
	Dr. Sumana Sarkar	Assessment of LULC Changes and Its Impact on Agricultural Landscape in Peri-urban Space of Bolpur Town, West Bengal (India)	978-3-031-24766-8	Book chapter
	Dr.	Site	978-3-031-25914-2	Book

	Sumana Sarkar	Suitability Analysis for New Urban Development Using Fuzzy-AHP and DEMATEL Method: A Case of Mixed Agricultural-Urbanized Landscape of Burdwan Town, West Bengal, (India)		chapter
	Dr. Somasis Sengupta	Evaluating the Relative Tectonic Response of the Fluvial Systems Using Multicriteria Entropy Method: A Case-Study of the Rangit Catchment, Eastern Himalayas,	978-3-030-95434-5	Book chapter

		India		
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D. Sanctioned Research Projects – (Continuing)

Sl.No.	Name of the Project	Sanctioning Authority	Amount sanctioned	Duration & Progress
1.	Capacity Building in Space Based Disaster Management With Reference to Flood	ISRO	9,12,400	2 WEEKS Completed

5. Examination Results :

Course	Appeared			Passed		
	Men	Women	Total	Men	Women	Total
Sem I	18	48	66	18	48	66
Sem II	17	47	64	17	47	64
Sem III	11	37	48	11	37	48
Sem IV	11	37	48	11	37	48

6. Faculty Improvement Programme: *[Please give a short note on the measures taken]*

The Department of Geography actively encourages the teachers to undergo various Refresher Courses in Geography and allied disciplines across institutes and universities in India. In the last one year three teachers of this department have undergone Refresher and Short-term Courses (details furnished below). The knowledge and expertise gained from these courses have been immensely useful in imparting quality teaching and research in this department.

Name of teacher who attended	Title of the program	Duration (from – to) (DD-MM-YYYY)
Dr. Subodh Chandra Pal	Refresher Course in Research Methods and Online Pedagogy	31-01-2023 to 13-02-2023
Dr. Sumana Sarkar	Refresher Course in Research Methods and Online Pedagogy	31-01-2023 to 13-02-2023
Dr. Tapas Mistri	Short Term Course on Advanced Geoinformatics	19-09-2022 to 23-09-2022

7. Patent awarded/ applied for: **N.A.**

DEPARTMENT OF HINDI

Head of the Department :

5. Field of Studies of the approved Course contents :
M.A., M. Phil, Ph.D.

6. Faculty Members :

Designation	Men					Women				
	Ge n	S C	S T	OB C	Tot al	Ge n	S C	S T	OB C	Tot al
Professor						01				01
Reader/Asso.Prof.	01				01					
Sr. Lecturer/ Asst.Prof. (Stage II/III)	01				01					
Lecturer/Asst.Prof.										
Guest Lectr.										

7. Name & Designation of the Faculty members with degree and specialization:

1. Prof. Rupa Gupta, Ph.D., D. Lit, KATHA SAHITYA, ANUVAAD, NAVAJAGARAN
2. Dr. Neeraj Sharma, Associate Professor, M.A. Ph, D., KATHA SAHITYA
3. Dr. Shashi Kumar Sharma, Assistant Professor, M.A. Ph, D., KATHA SAHITYA

8. Student Enrolment (2022-23)

Course(s)		Men			Women			Total			
		Enrolment			Enrolment			Total			Total
M A / M Sc / M C o m	1 st Sem	1 2			4 4			5 2			6 4
	2 nd Sem	1 4			5 1			5 7			7 7
	3 rd Sem	1 0			4 4			4 8			6 0
	4 th Sem	1 3			5 0			5 4			7 3
M . P		1 2			4 4			5 2			6 4

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5. Research Activities :

A. Research work by the scholars : (In Progress)

Sl.No.	Name of the Scholar(s)	Topic of Research	Supervisor(s)
1.	Ajay Kumar Singh	Dalit Lekhikaon Ka Sahitya: Samajik Yatharth Aur Vimarsha (1990 Se Adyatan)	Prof. Rupa Gupta
2.	Neeraj Kumar Singh	Bhoomandalikaran Aur Vikash Ki Avdharna Ke Pariprekshya Mein Adivasi Sahitya (1990 Se Adyatan)	Prof. Rupa Gupta
3.	Neha Kumari Gupta	Ramnika Gupta Aur Mahasweta Devi Ke Sahitya Mein Stri Aur Adivasi Prashna (1975- 2015)	Prof. Rupa Gupta
4.	SUPRIYA DAS	Waiting for BRS	Prof. Rupa Gupta
5.	LAXMI SHA	Waiting for BRS	Prof. Rupa Gupta

6.	AMRITA SINGH	Waiting for BRS	Prof. Rupa Gupta
7.	RANI	KRISHNA AGNIHOTRI KE UPANYASON MEIN SAMAJIK YATHARTH	Dr. Neeraj Sharma
8.	RAJENDRA MAHATO	IKKISVIN SADI KE KATHA SAHITYA MEIN KINNAR VIMARSH	Dr. Neeraj Sharma
9.	AMANDEEP SINGH	RAVINDRANATH TYAGI KE VYANGYA SAHITYA KA VIVECHANATMAK ADHYAYAN	Dr. Neeraj Sharma
10.	VIVEK GUPTA	SANAMARAN SAHITYA SWANUBHUTI AUR CHETNA	Dr. Neeraj Sharma
11.	DIVYA PRASAD	KRISHANBIHARI MISHRA KE NIBANDHO MEIN SAMAJIK CHETANA	DR. SHASHI KUMAR SHARMA
12.	NATARAJ GUPTA	NARESH MEHTA KA KHAND KAVY:MITHAK AUR NAYE SANDARBH KA ASHAYAYAN	DR. SHASHI KUMAR SHARMA
13.	NADIRA BEGAM	BHISHM SAHANI KE KATHA SAHITYA MEIN RAJNITIK CHETNA	DR. SHASHI KUMAR SHARMA
14.	MAKESWAR RAJAK	RAJESH JOSHI KE KAVY MEIN SAMAJIK CHETANA	DR. SHASHI KUMAR SHARMA
15.	ARCHANA DEY	TOPIC NOT FINAL	Dr, KUSUM RAI

Sl.No.	Name of the Teacher	Title of Papers	Ref. to the Publication	Type of publication * *
1.	PROF. RUPA GUPTA	SWATANTROTTAR KALATILGRAMIN VIKASAT MAHILANCHI BHUMIKA EK ADDHYAYAN	MADHYA BHARATI , 2023	ARTICLE
2.	PROF. RUPA GUPTA	BHARTIYA BAUDHIKATA AUR SWADESH CHINTA PICHALI DO SHATABDIYAN	2023	ARTICLE
3.	PROF. RUPA GUPTA	Bhartiya Baudhikata Aur Swadesh Chinta Pichali Do Shatabdiyan	978-81-19020-37-9	BOOK
4.	PROF. RUPA GUPTA	Unnisavin Sadi ka Aupniveshik Bharat Navajagaran Aur Jati Prashna	978-93-94902-79-4	BOOK
5.	PROF. RUPA GUPTA	Bhartiya Navajagaran : Dharma, Stri Aur Khandit		CHAPTER IN BOOK-

		Aadhunikta		
6.	PROF. RUPA GUPTA	"Mahila Mahatva: Sivapoojan Sahay kaaStri-Vimarsha	978-93-93768-21-6	CHAPTER IN BOOK-
7.	PROF. RUPA GUPTA	Navjagran Aur Stri Prashna		CHAPTER IN BOOK-
8.	<i>Dr. Neeraj Sharma</i>	BANGAL KI GUMANAAM SWATANTRATA SENANI MATANGINI HAZARA URF BUDHI GAANDHI	www.hindustaniacademyup.org.in	ARTICLE 2023
9.	Dr. Neeraj Sharma	IIKISWI SADI KE PRATHAM DASAK KE UPANYASON KA SAMAJIK PARIDRISHYA	www.visvabharati.ac.in	ARTICLE 2023
10.	Dr. Neeraj Sharma	CHAYAWADI KAVYA MEIN RASTRIYA CHETANA		ARTICLE 2022
11.	Dr. Neeraj Sharma	SARVESHWAR DAYAL SAXENA KE NATAKON MEIN SAMAJIK SAMASYA	www.hindisahityaniketan.com	ARTICLE 2022

12.	Dr. Neeraj Sharma	VIDYANIWAS MISHRA KE NABANDH: VICHAR AUR VYAKTITWA KI ABHIVYAKTI	http://naagfani.com	ARTICLE 2022
13.	Dr. Neeraj Sharma	HINDI SAHITETIHAS LEKHAN PARAMPARA	www.hindisahityaniketan.com	ARTICLE 2022
14.	Dr. Neeraj Sharma	ASTITVA KI TALASH MEIN SIMARAN: KINNER ASMITA KA JIVANT DASTAVEJ	http://naagfani.com	ARTICLE 2022
15.	Dr. Neeraj Sharma	BABU GULAB RAI KI BHASHA SHAILY	www.hindustaniacademyup.org.in	ARTICLE 2022
16.	Dr. Neeraj Sharma	BANGAL KI GUMANAAM SWATANTRATA SENANI MATANGINI HAZARA URF BUDHI GAANDHI	www.hindustaniacademyup.org.in	ARTICLE 2022
17.	Dr. Neeraj Sharma	BOOK- TULNATMAK SAHITYA	978-93-93378-08-8	BOOK
18.	Dr. Neeraj	BOOK- IKKISWI SADI KE KATHA SAHITYA	978-93-933-78-18-7	BOOK

	Sharma	MEIN THIRD ZENDER		
19.	DR. SHASHI KUMAR SHARMA	SHIVPRASAD SINGH KE NIBANDHO MEIN MANAVIY SAMVEDANA	www.visvabharati.ac.in	ARTICLE 2023
20.	DR. SHASHI KUMAR SHARMA	Jainendra Kumar Vividh Vatayano Mein	978-93-92910-19-7	CHAPTER IN BOOK-

* Please do not furnish the reports of Papers which were published before 1.06.16. Information regarding papers sent or accepted will not appear in the Annual Report.

** Only those articles are to be reported which are recognized for the UGC prescribed *API calculation*. Types are:-

(A) Referred journal (B) Journal/periodical having ISSN, (C) book/chapter in Ed.Vol. Published by International Publisher (D) Book/chapter in Ed.vol. published by National level publisher with ISBN (E) Book/Chapter in Ed.vol. Published by local level publisher with ISBN.

D. Sanctioned Research Projects – (Continuing)

Sl.No.	Name of the Project	Sanctioning Authority	Amount sanctioned	Duration & Progress
	NIL			

9. Examination Results :

Course	Appeared			Passed		
	Men	Women	Total	Men	Women	Total
Sem I	12	52	64	12	52	64
Sem II	20	57	77	20	57	77
Sem III	10	48	60	10	48	60
Sem IV	20	54	73	20	54	73

10. Faculty Improvement Programme: *[Please give a short note on the measures taken]*

- Revision of the syllabus according to job orientation introduction of Credit Based Course Study.
- Apply for DRS Project.
- Introduce correspondence course in Hindi with Translation Methods and Journalism.
- Improve more Job Orientation opportunities in course study.
- Improve the social out rich and community development factors.

7. Patent awarded/ applied for: NIL

8. Any other achievement of the Department:

Regular Increase in number of NET/ JRF qualifying students & getting jobs in different fields. 03 Faculty members were awarded by different institutions in field of literature & teaching.

DEPARTMENT OF HISTORY

1.1 Number of programs offered during the year : MAHIST, M.Phil/Ph.D.

Number of fulltime teachers during the year

Name	Email	Gender	Designation	Date of joining institution
Dr. AchintyaKumarDutta	Akdutta6@gmail.com	M	Professor	01-02-1997
Dr. PradipChattopadhyay	pchattopadhyay@hist.buruniv.ac.in	M	Professor	18-04-2002
Dr. SyedTanveerNasreen	Tanveer.nasreen@gmail.com	F	Professor	12-01-1999
Dr. SuditKrishnaKumar	suditkrishnakumar@gmail.com	M	Associate Professor	01-12-1993
Dr. MalabikaRay	mray@hist.buruniv.ac.in	F	Associate Professor	16-01-2001
Dr. AparajitaDhar	dhar_aparajita@rediffmail.com	F	Associate Professor	21-09-2002
Dr. BinataSarkar	binatas@rediffmail.com	F	Assistant Professor	01-02-2008

Dr.RajarshiChakrabarty		rchakrabarty@hist.buruniv.ac.in	M	Assistant Professor	29-01-2016
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Number of seats available during the year

Year				
Programme Name	Programme Code	Number of seats available/ sanctioned	Number of eligible applications received	Number of Students admitted
	MA	190	-----	56 (2 nd Semester), 164 (4 th Semester)
	M.Phil/Ph.D.	22	-----	21

Number of actual students admitted from the reserved categories during the year (To be had from Office)

Year	Number of seats earmarked for reserved category as per Government rule				Number of students admitted from the reserved category				
	ST	OB C	Gen	Others			OB C	Gen	Others
2021-23	01	(OB C A+ B) 40	70				(OB C A+ B) 06	70	
2020-22	10	53	88				53	88	
2021-23	11	51	83				51	83	

* In case of Minority Institutions, the column Others may be used and the status of reservation for minorities specified along with supporting documents.

Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the year

Sl.No	Name of Research fellow	Year of enrollment	Duration of fellowship	Type of fellowship	Granting agency	Qualifying exam if any (NET, GATE, etc.)
1.	Pulak Biswas	2022	6 years	JRF	UGC	NET
2.	Kavita Ghosh	2023 (?)	6 years	JRF	UGC	NET
3.	Suparna Mondal	2022	6 years	JRF	UGC	NET
4.	Sukanta Naskar	2022	5 years	National Fellowship (NF)	UGC	NET
5.	Arijit Mistri	2022	6 years	JRF	UGC	NET

			r			
			s			

Number of Ph.D. s awarded per teacher during the year :

N a m e o f t h e P h D s c h o l a r	NameoftheDepart ment	Nameof theguid e/s	Titleof thethesis	Yea r of regi stra tion ofth esc hol ar	Yearof award ofPhD
Anup Poley	History	S y e d	Membranoph onicMusic and ItsPerformers in NorthIndia: 15 th – 17 th	2012	27-04-2022

		T a n v e e r N a s r e e n	Century		
SkSar oward iHass an	History	S y e d T a n v e e r N a s r e e n	The Growth ofSyncreticCult urein BurdwanDistrict: AStudyoftheMajo rSites	2013	07-06-2022
Sumit Nath	History	Syed Tanveer Nasreen	Buddhism in Birbhum Since Early Medieval Period	2015	17.08.2022

	Raja rshi Cha krab arty	Ba su nd har a Vo l.3, 20 22	The First Flicker of the Revolt of 1857 at Berhampore & Barrackpore: The Fear Psychosis it Generated				202 2	ISBN:978- 81-95767- 0-2	Th e U ni ve rsi ty of B ur d w an	Ra ni Dh an ya Ku ma ri Co lle ge
	Bi nata Sark ar	Int er pr eti ng Ga nd hi	Mahatma Gandhi's Experiments of Health and Sanitation				202 2	ISBN:978- 93-93501- 06-6	Th eU niv ersi tyo fBu rd wa n	Parul boi
	Bi nata Sark ar		Exploring the Experiences of British Medical Intervention in India and Burma	Perspec tive Asia Pacific	Tenth Bienn ial Intern ationa l Confe rence of IAAP	Inter natio nal	202 2	ISB N:9 78- 81- 898 63- 88-3	Th eU niv ersi tyo fBu rd wa n	IA AP S

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DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE

Head of the Department : Dr. Rajesh Das, Assistant Professor and TIC, Department of Library and Information Science,

1. Field of Studies of the approved Course contents:

Programme: M.Lib.I.Sc (Integrated)

Sl. No.	Course	Subject	Semester
	MLIS101	Library and Society	Semester-I
	MLIS102	Knowledge Organization	
	MLIS103	Resource Description	
	MLIS104	Library Information Technology	
	MLIS105	Information Sources and Services	
	MLIS201	Library System Management	
	MLIS202	Document Classification	

	MLIS203	DocumentCataloguing	Semester-II
	MLIS204	ContentDesignationandMetadataEncoding	
	MLIS205	InformationSystemsandUsers	
	MLIS301	InformationCommunicationandManagement	
	MLIS302	InformationRetrieval	
	Major Elective-I		
	MLIS303A	AutomatedLibrarySystem	

	MLIS303B	DigitalResourceManagement	Semester-III
	MLIS303C	TechnicalWriting	
	MLIS303D	DigitalPreservation	
	Major Elective-II		
	MLIS304A	NeotericLibraryTechnology	
	MLIS304B	ContentManagementandWebProducts	
	MLIS304C	LibraryNetworking	
	MLIS304D	LearningContentManagementSystem	
	Interdisciplinary Elective		
	MLIS305A	CurrentTrends in LIS	
	MLIS305B	MedicalInformationSystemsandServices	
	MLIS305C	AgriculturalInformationSystemsandServices	
	MLIS305D	LIS Education	
	MLIS400	LibraryCommunityDevelopmentProgramme	
	MLIS401	DigitalLibrarySystem	
	MLIS402	ResearchMethodology	
	Major Elective-III		
	MLIS403A	CommunityInformationSystem	
	MLIS403B	AcademicLibrarySystem	
	MLIS403C	Informetrics	
	MLIS403D	WebScaleLibraryDiscoveryServices	
	Major Elective-IV		
	MLIS404A	SemanticDigital Repository	
	MLIS404B	OpenAccessSystem	
	MLIS404C	LibraryandInformationProfessionand Related Agencies	
	MLIS404D	LibraryFunctionsandOperations	
	Project		
	MLIS405	GuidedResearchProject	

Sc.(Int.)																		
																		-
																		-
																		-
M. Phi l																		-

5. ResearchActivities:

A. Researchworkbythescholars:(In Progress)

S l. N o.	NameoftheScholar(s)	TopicofResearch	Supervisor(s)
1	MsSinjini Mukherjee	Designing a framework of common interface of bibliographic and museum, culturalheritageresources:a prototype	Dr.RajeshDas

2	SriJayantaKrNayek	Designing a recommender system for library in digital library environment	Dr.RajeshDas
3	SriTapasRoy	Subject Indexing	Dr.RajeshDas
4	SriMithunDas	Information Seeking Behaviour	Dr.RajeshDas
5	AbhishekNandi	Application of Total Quality Management (TQM) in Some Selected University Libraries	DrSukumar Mandal
		South Bengal (W.B.) in Digital Era: a Comparative Study	
6	SujanSaha	Development of Bengali Virtual Authority File (BVAF): a Prototype Model for Library Cataloguing System	DrSukumar Mandal
7	ParthaSarathiMandal	Semantic Mapping of Scholarly Communication through Knowledge Graph Construction from LIS Journals	DrSukumar Mandal
8	SailendraMalik	Bibliometric Analysis using OpenAlex AI	DrSukumar Mandal

***C. Research by Faculty Members: [Papers published during this year only]**

S l. N o.	Name of the Teacher	Title of Papers	<i>Ref. to the Publication</i>	<i>Type of publication**</i>
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1.	Dr.Rajesh Das	<i>Information Consumption Behaviour of School Students: a case study of Patrasayerblocksecondary and higher secondary schools at Bankura district in West Bengal</i>	<i>https://collegelibraries.in/index.php/CL/article/view/139/132</i>	<i>UGC Care listed Journal,National</i>
2.	Dr.Rajesh Das	Reading habits of students from secondary and higher secondary schools in PatrasayerblockofBankura district,WestBengal,India.	https://digitalcommons.unl.edu/cgi/viewcontent.cgi?article=14391&context=libphilprac	ReferredJournal, International
3	Dr Sukumar Mandal	DesigningWeb-scale geographicsearchinterface for libraries	LibraryHighTech News,2022,Vol. 39No. 3,pp. 21-25. https://doi.org/10.1108/LHTN-12-2021-0088 ISSN:0741-9058	<i>International</i>
4	Dr Sukumar Mandal	MovingKohalibrary catalogueintolinked data	LibraryHighTech News,2022,Vol. 39No. 3,pp. 21-25. https://doi.org/10.1108/LHTN-12-2021-0088 ISSN:0741-9058	<i>International</i>

		usingtheLODRefine	39No. 3,pp. 12- 16. https://doi.org/ 10.1 108/LHTN-12- 2021-0092 ISSN:0741-9058
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5	Dr Sukumar Mandal	Translationstrategiesof Kohaformultilingual interfacemanagement	LibraryHiTech News,2022,Vo l. 39No. 6,pp. 14- 17. https://doi.org/ 10.1 108/LHTN-01- 2022-0015 ISSN:0741-9058	<i>International</i>
6	Dr Sukumar Mandal	ApplicationandIntegrati on ofVIAFandOCLCFAS T withKoha,VuFind,and Google CSE	JournalofLibra ry Metadata,2022 , 22(3–4), 185– 202. https://doi.org/ 10.1 080/19386389. 202 2.2103346 ISSN:19386389	<i>International</i>
7	Dr Sukumar Mandal	SPARQLandSKOS EnabledMultilingual PolyhierarchicalThesau rus: DesigningaFramework	SRELSJournal of Information Management, 2022, 59(4), 239– 246. https://doi.org/ 10.1 7821/srels/202 2/v5 9i4/169656	<i>National</i>

			ISSN:0976-2477	
8	Dr Sukumar Mandali	Integration of Linked Open Data Authorities with OpenRefine : A Methodology for Libraries	Library Philosophy and Practice (e-journal), 2022, https://digitalcommons.unl.edu/libphilprac/7195/ ISSN:1522-0222	<i>International</i>
9	Dr Sukumar Mandal	Designing a collection treasure using Omeka	Library High Tech News, 2022, Vol. 39 No. 5, pp. 16-21. https://doi.org/10.1108/LHTN-02-2022-0019 ISSN:0741-9058	<i>International</i>
10	Dr Sukumar Mandali	Application of the Authority Control process in the Koha Software	LISToday, 2022, Vol. 8, No. 1-2. ISSN:2349-9621	<i>National</i>
11	Dr Sukumar Mandali	Transforming Thesaurus Records into MARC 21 and MADS: Designing a	Library Philosophy and Practice (e-journal),	<i>International</i>

			ew/170603IS SN: 0976-2477	
1 4	DrSukumar Mandan	DevelopingaFireDetection and Alarm System for the Library using ArduinoUNO	LibraryPhilosophy and Practice (e-journal), 2023, https://digitalcommons.unl.edu/libphilprac/7982 ISSN:1522-0222	<i>International</i>
1 5	DrSukumar Mandan	Curation,Preventionand Security Measures for Library	PEARL-A JournalofLibrary and Information Science,2023, 17 (4), https://www.indianjournals.com/ijor.aspx?target=ijor:pjolis&volume=17&issue	<i>National</i>

			=4&article=005 ISSN:0975-6922	
16	Dr Sukumar Mandali	Common Access Search Window through VuFind	Prova Publication, Kolkata, Page No. 1-168 ISBN: 9789383658855	<i>National</i>

D. Sanctioned Research Projects – (Continuing)

S l. N o.	Name of the Project	Sanctioning Authority	Amount sanctioned	Duration & Progress

5. Examination Results:

Course	Appeared			Passed		
	Men	Women	Total	Men	Women	Total
Sem I (2021-23)	08	16	24	08	16	24
Sem II (2021-23)	06	09	15	05	07	12

Se m III (20 20- 22)	05	11	16	05	10	15
Se m IV (20 20- 22)	05	10	15	05	10	15

6. Faculty Improvement Programme: [*Please give a short note on the measure taken*]

7. Patent awarded/applied for:

8. Any other achievement of the Department:

DEPARTMENT OF MATHEMATICS

Number of programs offered during the year		
Program Code	Program Name	Year of offering
MSMG	PG	2021
MSMP	PG	2021
MSMA	PG	2021
	M.Phil	2021
	Ph.D.	2021

Number of full time Teachers :

Name		Email	Gender	Designation
Dr. Absos Ali Shaikh		aashaikh@math.buruniv.ac.in	Male	Professor
Dr. Gorachand Layek		gclayek@math.buruniv.ac.in	Male	Professor
Dr. Amar Kumar Banerjee		akbanerjee@math.buruniv.ac.in, akbanerjee1971@gmail.com	Male	Professor
Dr Mantu Saha		msaha@math.buruniv.ac.in/mantusaha.bu@gmail.com	Male	Professor
Dr. Asoke Kumar Bhunia		akbhunia@math.buruniv.ac.in	Male	Professor
Dr. Arijit Ghoshal		aghoshal@math.buruniv.ac.in	Male	Professor
Dr. Shyamal Kumar Hui		skhui@math.buruniv.ac.in	Male	Professor
Dr. Swati		smukhopadhyay@math.buruniv.ac.in,	Female	Professor

Mukhopadhyay		swati_bumath@yahoo.co.in		
Dr. Ali Akbar Shaikh		alishaikh@math.buruniv.ac.in	Male	Assistant Professor
Dr. Biswajit Mitra		bmitra@math.buruniv.ac.in	Male	Associate Professor
Dr. Brojeswar Pal		bpal@math.buruniv.ac.in	Male	Assistant Professor
Dr. Prasanta Malik		pmalik@math.buruniv.ac.in	Male	Assistant Professor
Dr. Ritabrata Biswas		biswas.ritabrata@gmail.com	Male	Assistant Professor

3.4.4 Number of Ph.D.s awarded per teacher during the year

Name of the PhD scholar	Name of the Department	Name of the guide/s	Title of the thesis	Year of registration of the scholar
Sri Anindya Mandal	Department of Mathematics	Dr. Brojeswar Pal, Dept. of Mathematics, B.U.	Studies on unreliable production inventory system with varying demand under trade credit policy	2017
Sri Samiran Das	Department of Mathematics	Dr. Prasanta Malik, Dept. of Mathematics, B.U.	Studies on statistical convergence and ideal convergence of sequences and double sequences with related summability methods	2017
Sri Debojyoti chowdhury	Department of Mathematics	Dr. Biswajit Mitra, Dept. of Mathematics, B.U.	Some aspect of $C(x)$	2017

Md Sadikur Rahman	Department of Mathematics	Prof. Asoke Kumar Bhunia & Dr. Ali Akbar Shaikh, Dept. of Mathematics, B.U.	On some theoretical developments and applications with interval uncertainty using type-1 and type-2 interval approaches	2018
Sri Akshoy Patro	Department of Mathematics	Prof. Absos Ali Shaikh & Prof. Shyamal Kumar Hui, Dept. of Mathematics, B.U	Investigation on some classes of Riemannian manifold	2018
Sri Kushal Roy	Department of Mathematics	Prof. Mantu Saha	Investigation on fixed points of mapping	2019
Sri Amit Sarkar	Department of Mathematics	Dr. Brjeswar Pal, Dept. of Mathematics, B.U	Studies on optimal strategies for competitive market situation in supply chain management	2019
Sri Chandan Mondal	Department of Mathematics	Prof. Absos Ali Shaikh, Dept. of Mathematics, B.U	Investigation on generalised convexity of manifold	2017

DEPARTMENT OF MICROBIOLOGY

Head of the Department : Dr. Pradipta Saha

11. Field of Studies of the approved Course contents :

- A. M. Sc.: 4 Semester CBCS course with Social inter-linkage activities
- B. Ph. D. with 1 Semester Course Work

12. Faculty Members:

Designation	Men					Women				
	Gen	SC	ST	OB	Total	Gen	SC	ST	OB	Total
Professor	01									
Reader/Asso. Prof.	01									
Sr. Lecturer/Asst. Prof.						01				

(Stage II/III)										
Lecturer/Asst. Prof.										
Guest Lectr.	04									
Faculty Contractual	01					02				

13. Name & Designation of the Faculty members with degree and specialization:

Regular Full Time Faculties of the Department:

1. Professor Subhra Kanti Mukhopadhyay, MSc, M. Tech, Ph. D. , Bioprospecting of extremophiles, Biofertilizer, antimicrobials and fluorescent ligand based detection and quantification of heavy metals and biomolecules in living system
2. Dr. Pradipta Saha, Associate Professor, MSc, Ph. D., Microbial Diversity, Xenobiotic Biodegradation & Comparative genomics of bacteria.
3. Dr. Somasri Dam, Assistant professor, MSc., Ph. D., Molecular Parasitology
4. Dr. Debdoot Gupta, Faculty Contractual, MSc., PGDBI, Ph. D., Bioinformatics
5. Dr. Urmimala Sen, Faculty Contractual, MSc., Ph.D., Extremophilic Microorganisms and their Bioprospecting
6. Dr. Payel Choudhury, Faculty Contractual, M. Sc. M. Phil., Biotechnological potential of bacteria isolated from tea garden rhizosphere

Guest Lecturers/ Faculties:

1. Prof. Rabindranath Bhattacharya, Retd. Prof of Presidency University, Kolkata. Area of Specialization: Microbiology
2. Prof. Asit Baran Dey, Retd. Prof. of Raj College, Burdwan. Area of Specialization: Mycology
3. Dr. Ayan Pal, Assistant Professor, Department of Statistics, the University of Burdwan, Burdwan. Area of Specialization: Statistics
4. Dr. Avik Biswas, Senior Scientific Officer, Grade-II, Chittaranjan National Cancer Institute (CNCI), Kolkata. Area of Specialization: Virology

14. Student Enrolment (2022-23)

Course(s)		Men					Women					Total				
M S c	1 st Sem											1 6				
	2 nd Sem											1 8				
	3 rd Sem											1 4				
	4 th Sem											1 8				
	NA		NA					NA				NA		NA		

5. Research Activities:

A. Research work by the scholars: (In Progress)

Sl. No.	Name of the Scholar(s)	Topic of Research	Supervisor(s)
1	Madhupa Seth	Bioprospecting of Trimethylamine degrading halotolerant bacteria isolated from marine fish	Subhra Kanti Mukhopadhyay
2	Mrs. Sucharita Bose	Isolation, partial purification, characterization and bioinformatics analysis of protease(s) of <i>Geobacillus thermoleovorans</i> N7	Subhra Kanti Mukhopadhyay
3	Miss Dhritishree Ghosh	Study of quorum quenching enzyme(s) from halophilic bacteria for controlling bio-film forming human pathogens	Subhra Kanti Mukhopadhyay
4	Mrs. Bidisha Sarkar	Production of L-tryptophan using selected psychrophilic bacterial strain	Subhra Kanti Mukhopadhyay
5	Dr. Uday Chand Ghosal	Production of hydrogen invitro and in breath following fermentation of low and high food map foods among healthy subjects and patients with irritable bowel syndrome and relationship between breath hydrogen and symptom induction	Subhra Kanti Mukhopadhyay
6	Mr. Priyajit Mondal	Bio-prospecting of Pink Pigmented Facultative Methylotrophs (PPFMs) isolated from phylloplane of local rice cultivars	Subhra Kanti Mukhopadhyay
7	Dr. (Smt.) Nabamita Choudhury	Study of human papilloma virus and its association with cervico-vaginal microbiota in Bengali Cohort	Subhra Kanti Mukhopadhyay
8	Sk. Aftabul Alam	Exploration of P-nitrophenol degrading aquatic bacteria from	Pradipta saha

		selected water bodies of West Bengal	
9	Mrs. Urmimala Ganguly	Bioprospecting of gut bacteria of <i>Scirpophaga incertulus</i>	Pradipta saha
10	Miss Tanushri Mondal	Exploring biotechnological prospects of culturable heterotrophic bacteria isolated from water and sediment sample of Hooghly river of Chinsura	Pradipta saha
11	Mr. Biswajit Khan	Cultivation and biochemical response studies of selected bacteria from fresh water bodies isolated on nutritionally poor media	Pradipta saha
12	Mr. Debabrata Karmakar	Bioprospecting of gut bacteria of <i>Gonocephalum</i> sp. Collected from agricultural field	Pradipta saha
13	Mr. Raktim Ghosh	In silico analysis and molecular characterization of an Aurora kinase homolog from <i>Entamoeba histolytica</i>	Somasri Dam
14	Miss Moubonny Das	Isolation and characterization of dominant microorganisms from the fermented beverage consumed by a tribal community in the district of Birbhum, West Bengal, India and their bioprospecting	Somasri Dam
15	Miss Suchetana Pal	Molecular characterization of anaphase-promoting complex in <i>Entamoeba histolytica</i>	Somasri Dam
16	Mr. Subhasish Sarkar	Evaluation of pharmacological potential of the fungi isolated from medicinal plants	Somasri Dam

*C. Research by Faculty Members: [Papers published during this year only]

	Name of the Teacher	Title of Papers	Ref. to the Publication	Type of publication *
	Pradipta Saha	Editorial: Linkage between membrane composition, cellular functions and membrane-mediates stress	Pradipta Saha , Mohan Chandra Joshi, Sangeeta Tiwari and Rahul Saxena. <i>Frontiers in Genetics</i> 14:1015111. DOI 10.3389/fmicb.2022.1015111 Year: May, 2023	Referred journal
	Pradipta Saha	Functional and phylogenetic analysis of maleylacetate reductase of <i>Pseudomonas</i> sp strain PNPG3: An in silico approach	Sk Aftabul Alam and Pradipta Saha . <i>Journal of Experimental Biology and Agriculture (JEBAS)</i> , 10(6): 1331-1343. DOI: http://dx.doi.org/10.18006/2022.10(6).1331.1343 Year: December, 2022	Referred journal
	Pradipta Saha	Evidence of <i>p</i> -nitrophenol biodegradation and study of genomic attributes from a newly isolated aquatic bacterium <i>Pseudomonas asiatica</i> strain PNPG3.	Sk Aftabul Alam and Pradipta Saha . <i>Soil and Sediment Contamination: An International Journal</i> . DOI: 10.1080/15320383.2022.2159321 Year: December, 2022	Referred journal
	Pradipta Saha	Editorial: Microbial mitigation of hazardous	Devanita Ghosh, David E. Whitworth ³ , Hendrik Schäfer, Srinivasan	Referred journal

		compounds in agro-ecosystems.	Krishnamurthi and Pradipta Saha . Frontiers in Microbiology 13:1015111. DOI 10.3389/fmicb.2022.1015111 Year: October, 2022	
	Pradipta Saha	Biodegradation of p-nitrophenol by a member of the genus <i>Brachybacterium</i> , isolated from the river Ganges	Sk Aftabul Alam and Pradipta Saha . 3 Biotech. 12:213: https://doi.org/10.1007/s13205-022-03263-7 Year: September, 2022	Referred journal
	Pradipta Saha	Microbial biodegradation of nitrophenols and their derivatives: A review	Sk Aftabul Alam and Pradipta Saha . Journal of Experimental Biology and Agriculture (JEBAS). 10(4) pp. 743-766. DOI: http://dx.doi.org/10.18006/2022.10(4).743.766 Year: August, 2022	Referred journal
	Somasri Dam	EhSir2c, a Sir2 homolog from the human pathogen <i>Entamoeba histolytica</i> interacts with a DNA repair protein, EhRAD23: Protein-protein interaction, docking and functional study	Biswas P, Das M, Pal S, Ghosh R, Dam S . Journal of Biomolecular Structure & Dynamics. 2023, Jan; 41(1):263-279.	Referred journal

	Somasri Dam	CRISPR-Cas9:Taming protozoan parasites with bacterial scissor	Pal S and Dam S. Journal of Parasitic Diseases. 2022 Sep; 46(4):1204–1212.	Referred journal
	Somasri Dam	In silico analysis of a Skp1 protein homolog from the human pathogen <i>E. histolytica</i>	Ghosh R, Biswas P, Das M, Pal S, Dam S. Journal of Parasitic Diseases 2022 Jul; 46: 998-1010.	Referred journal
	Somasri Dam	Understanding <i>Entamoeba histolytica</i> Pathogenesis: In Light of Recent Advancements.	Pal S, Ghosh R, Dam S. Advances in Health and Disease. Nova Science Publishers. 2022 June; 978-1-68507-868-3	book/ chapter in Ed. Vol. Published by International Publisher
	Somasri Dam	Microbe-Induced Oxidative Stress in Cancer Development and Efficacy of Probiotics as Therapeutics in Preventing Its Onset and Progression	Biswas P, Pal S, Das M, Dam S. Springer Nature. 2022 Sept; 978-981-16-5421-3	book/ chapter in Ed. Vol. Published by International Publisher
	Debdoot Gupta	Docking-Based Inverse Virtual Screening: Strategies And Applications	Rajesh Manna, Dr. Debdoot Gupta, Arghya Nath, Nivedita Mukherjee. IJRAR – International Journal of Research and Analytical Reviews (IJRAR), E-ISSN 2348-1269, P- ISSN 2349-5138, Volume	Referred journal

			9, Issue 3, Page No pp.746-774, September 2022	
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* Please do not furnish the reports of Papers which were published before 1.06.16. Information regarding papers sent or accepted will not appear in the Annual Report.

** Only those articles are to be reported which are recognized for the UGC prescribed API *calculation*. Types are:-

(A) Referred journal (B) Journal/periodical having ISSN, (C) book/chapter in Ed.Vol. Published by International Publisher (D) Book/chapter in Ed.vol. published by National level publisher with ISBN (E) Book/Chapter in Ed.vol. Published by local level publisher with ISBN.

D. Sanctioned Research Projects – (Continuing)

S l . N o .	Name of the Project	Sancti oning Autho rity	Amou nt sancti oned	Duration & Progress
1	Prebiotic feed supplement for growth improvement of Indian major carps, <i>Labeo rohita</i>, <i>Cirrhinus mrigala</i> and <i>Catla catla</i> under composite culture system; A gut microbiome and nutrigenomics based approach; DBT (No. BT IPR2857 41 AAQ/3/920/20 18), As Co-PI. Amount: Rs. 91, 42,940; 2019-2023	DBT, New Delhi, Gol	INR 91, 42,94 0	2019-2023. Completed

15. Examination Results :

Course	Appeared			Passed		
	Men	Women	Total	Men	Women	Total
Sem I	07	15	22	07	13	20
Sem II	05	08	23	05	18	23
Sem III	07	14	21	07	14	21
Sem IV	05	18	23	05	14	23

16. Faculty Improvement Programme: [Please give a short note on the measures taken]

Name of the Faculty & designation	Faculty improvement programme	Duration
Dr. Somasri Dam, Assistant professor	REFRESHER COURSE IN SYNTHETIC BIOLOGY, The University of Burdwan	16.06.2022 to 29.06.2022

7. Patent awarded/ applied for: 00

8. Any other achievement of the Department:

1. Conducted awareness programme in 2 villages near Guskara, Purba Bardhaman

DEPARTMENT OF MOLECULAR BIOLOGY

Number of programs offered during the year : Molecular Biology & Human Genetics

List of courses offered across all programs during last five years				
Program code	Program name	Course code	Course name	Year of offering the course
	MSc in Human Genetics and Molecular Biology	MSMHG103	Basic Genetics and Cell Biology	
		MSMHG102	Basic Bimolecular Chemistry	
		MSMHG101	Computational Biology, Bioinformatics and Biostatistics	
		MSMHG104	Population and Evolutionary Genetics	
		MSMHG105	Laboratory: Genetics, Cell Biology and Biochemistry	
		MSMHG106	Laboratory: Computational Biology and basic Bioinformatics	
		MSMHG201	Human Physiology and Endocrinology	
		MSMHG202	Immunology and Microbiology	

		MSMHG2 03	Clinical Genetics and cancer	
		MSMHG2 04	Genetic Engineering and cloning (including Gene therapy)	
		MSMHG2 05	Laboratory: physiology, endocrinology, immunology and Microbiology	
		MSMHG2 06	Laboratory: Clinical Genetics and Cancer biology (including cell culture)	
		MSMHG3 01	Bioinformatics & Omics	
		MSMHG3 02	Clinical Genetics & Genetic Counselling	
		MSMHG3 03	Lab work based on courses MSMHG301 & MSMHG302	
		MSMHG3 04	Basic Principle of Genetics	
		MSMHG3 05	Discipline-centric Elective	
			1. Cancer Biology (Corse Code: MSMHG 305-DE1)	
			2. Infection Biology (Corse Code: MSMHG 305-DE2)	
			3. Molecular Diagnostics (Corse Code: MSMHG 305-DE3)	
			4. NANOBIOTECHNOLO GY (Corse Code:	

			MSMHG 305-DE4)	
			5. Stem Cell and Regenerative medicine (Course Code: MSMHG 305-DE5)	
		MSMHG3 06	Lab work based on courses MSMHG305	
		MSMHG3 07	Community Engagement/ Clinical Assignments	
		MSMHG4 01	Neurogenetics and Pharmacogenetics	
		MSMHG4 02	Intellectual Property Rights, Biosafety and Bioethics	
		MSMHG4 03	Project Proposal Preparation	
		MSMHG4 04	Journal Club/ Communication Skills and Seminar Presentation	
		MSMHG4 05	Visit of a National Lab or Biotech Industry	
		MSMHG4 06	Dissertation and Comprehensive Viva	

DEPARTMENT OF Nutrition and Public Health

Number of programs offered during the year : MSc in Nutrition and Public Health

Number of students during the year : 36

Number of students appeared in the University examination during the year : 38

3.1 List of courses offered across all programs during last five years				
Program code	Program name	Course code	Course name	Year of offering the

				course
MSNP	MSc in Nutrition and Public Health	MSNP 101	Concept of Food, Nutrition and Public Health	2021
MSNP	MSc in Nutrition and Public Health	MSNP 102	Nutritional Biochemistry and Physiology	2021
MSNP	MSc in Nutrition and Public Health	MSNP 103	Nutrition and Human Development	2021
MSNP	MSc in Nutrition and Public Health	MSNP 104	Epidemiology and Microbiology	2021
MSNP	MSc in Nutrition and Public Health	MSNP 105	Nutritional Physiology and Biochemistry	2021
MSNP	MSc in Nutrition and Public Health	MSNP 106	Microbiology	2021
MSNP	MSc in Nutrition and Public Health	MSNP 201	Pathophysiology and Dietetics	2021
MSNP	MSc in Nutrition and Public Health	MSNP 202	Nutritional Assessment and Community Nutrition Management	2021
MSNP	MSc in Nutrition and Public Health	MSNP 203	Parasitology and Medical Entomology	2021
MSNP	MSc in Nutrition and Public Health	MSNP 204	Public Health and Environment	2021
MSNP	MSc in Nutrition and Public Health	MSNP 205	Anthropometry and Diet Therapy	2021
MSNP	MSc in Nutrition and Public Health	MSNP 206	Eco-toxicology, Parasitology and Medical Entomology	2021
MSNP	MSc in Nutrition and Public Health	MSNP 301	Food Sanitation and Food Hygiene	2021
MSNP	MSc in Nutrition and Public Health	MSNP 302	Food-Commodities and Food Technology	2021
MSNP	MSc in Nutrition and Public Health	MSNP 303	Food preparation and Food technology	2021
MSNP	MSc in Nutrition and Public Health	MSNP 304	Communicable diseases and their management	2021
MSNP	MSc in Nutrition and Public Health	MSNP	EPIDEMIOLOGY AND COMMUNITY HEALTH	2021

	Public Health	305			1
MSNP	MSc in Nutrition and Public Health	MSNP 306	EPIDEMIOLOGY AND COMMUNITY HEALTH		202
MSNP	MSc in Nutrition and Public Health	MSNP 307			1
MSNP	MSc in Nutrition and Public Health	MSNP 401	Community Engagement		202
MSNP	MSc in Nutrition and Public Health	MSNP 402	Food Toxicology, Food-Preservation and Immunology		1
MSNP	MSc in Nutrition and Public Health	MSNP 403	Biostatistics, Bioinformatics and Nutrigenomics		202
MSNP	MSc in Nutrition and Public Health	MSNP 404	Food Toxicology, Immunology and Bioinformatics		1
MSNP	MSc in Nutrition and Public Health	MSNP 405			202
MSNP	MSc in Nutrition and Public Health	MSNP 406	EPIDEMIOLOGY AND COMMUNITY HEALTH		1
MSNP	MSc in Nutrition and Public Health	MSNP 407	EPIDEMIOLOGY AND COMMUNITY HEALTH		202
			EPIDEMIOLOGY AND COMMUNITY HEALTH		1
			Dissertation		202
					1

Library has regular subscription for the following: 1. e – journals, 2. e-books, 3.e-ShodhSindhu, 4.Shodhganga,5.Databases

DEPARTMENT OF PHYSICS

Number of programs offered during the year : M.Sc. in Physics, M.Tech in E&CE (Microwaves), PHD COURSE WORK & M.PHIL

Number of students during the year : 176

Number of students appeared in the University examination during the year : 180

No. of full time Teachers during the year :

Name	ID number/Aadhar number (Not mandatory)	Email	Gender	Designation
Udit Chatterjee		uchatterjee@phys.buruniv.ac.in	Male	Professor
Partha Mitra		pmitra@phys.buruniv.ac.in	Male	Professor
Atis Chandra Mandal		acmandal@phys.buruniv.ac.in	Male	Professor
Dr Abhigyan Dutta	425128986956	adutta@phys.buruniv.ac.in	Male	Professor
Sanjoy Mukherjee		smukherjee@phys.buruniv.ac.in	Male	Professor
Swapan Kumar Pradhan		skpradhan@phys.buruniv.ac.in	Male	Professor
Dr. Amitava Choudhuri		amitava_ch26@yahoo.com	Male	Assistant Professor (Stage-II)
DR. CHAITALI HANSDA		chansda@phys.buruniv.ac.in	Female	Assistant Professor
Dr. Abhijit Charaborty	8.05173E+11	achakraborty@phys.buruniv.ac.in	Male	Associate Professor

Dr. RAHUL DAS	1162/8426481 84969	rdas@phys.buruniv.ac.in	Male	Assistant Professor
Analabha Roy		aroy@phys.buruniv.ac.in	Male	Assistant Professor
Tanmoy Sarkar		2005.tanmoy@gmail.com	Male	Scientific Officer (Selection Grade)

Number of students undertaking field projects / research projects / internships during the year

Programme name	Program Code	List of students undertaking field projects /research projects / internships
M Tech		BIKRAM GHOSH, DEBOJYOTI CHATTOPADHYAY, INDRANIL KARMAKAR, NESAR AHMED, PRIYANKA BISWAS, RAHUL MONDAL, RAJKUMAR MONDAL, SAIF HOSSAIN MALLIK, SUSMITA SAMANTA

Number of books and chapters in edited volumes published per teacher during the year

3.4.6.1: Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings during the year

Sl. No.	Name of the teacher	Title of the book/chapters published	Title of the paper			National / International	Year of publication	ISBN/ISSN number of the proceeding
1	Sourangshu Muykhoipadhyay	New Horizons in Millimeter-Wave, Infrared and Terahertz Technologies	Use of frequency encoding principle for implementing nano-photonics ultrafast tristate Pauli				2022	978-981-19-6301-8

			X gate						
2	Sourangshu Muykhoipadhyay	New Horizons in Millimeter- Wave, Infrared and Terahertz Technologies	An Alternative Scheme of Quantum Optical Superfast Tristate CNOT Gate Using Frequency Encoding Principle of Light with Semiconductor Optical Amplifier				2022	978-981- 19- 6301-8	
3	Tanmoy Banerjee	Studies in Big Data	Quantum Oscillations: A Promising Field for Secure Communication				2022		
	Tanmoy Sarkar	Data Science and Communication	Planar Branch-Line Coupler for 5G Communication		INTERNATION AL CONFERENCE ON DATA SCIENCEAND COMMUNICATI ON 2023 (ICTDsC-2023)	Internatio nal	2023		

Library has regular subscription for the following: 1. e – journals, 2. e-books, 3.e-ShodhSindhu, 4.Shodhganga,5.Databases

DEPARTMENT OF PHYSIOLOGY

Head of the Department : Prof. Sanjib Ray

17. Field of Studies of the approved Course contents :

M.Sc. Pgysiology

18. Faculty Members :

Designation	Men					Women				
	G e n	S C	S T	O B C	To tal	G e n	S C	S T	O B C	To tal
Professor										
Reader/Asso. Prof.										
Sr. Lecturer/ Asst.Prof. (Stage II/III)										
Lecturer/Asst. Prof.										
Guest Lectr.	1 2	2	0	1	15	2	2	1	0	5

19. Name & Designation of the Faculty members with degree and specialization: Guest Lectr./External experts contributed in the teaching and learning process

- I. Prof. Debidas Ghosh, Dept. of Bio-Medical Laboratory Science & Management, Vidyasagar University.
- II. Prof. Sanjib Ray, Dept. of Zoology, BU
- III. Prof. Arunima Chaudhuri, Burdwan Medical College
- IV. Prof. Anupam Chatterjee, (Retd. Professor of NEHU), Dean, Royal Global University.
- V. Dr. Alak Kumar Syamal, Department of Physiology, Hooghly Mohsin College.
- VI. Dr. Subrata Ghosh, Department of Physiology, Hooghly Mohsin College.
- VII. Dr. Suvro Chatterjee, Department of Biotechnology, BU.
- VIII. Dr. Subhasis Sahu, Department of Physiology, University of Kalyani.
- IX. Dr. Sandip Mukherjee, Dept. of Physiology, Serampore College.
- X. Dr. Moutushi Mandi, Department of Zoology, BU.
- XI. Dr. Gispati Chakrabarti, Retd. Medical Officer, BU
- XII. Dr. Sunil Kanti Mondal, Department of Biotechnology, BU
- XIII. Dr. Subhankar Dolai, Dept. of Biotechnology, BU
- XIV. Dr. Subhajit Saha, Dept. of Zoology, BU.
- XV. Dr. Pradipta Saha, Department of Microbiology, BU
- XVI. Dr. Anirban Ash, Department of Zoology, BU
- XVII. Dr. Paramita Mandal, Department of Zoology, BU
- XVIII. Dr. Ishita Saha, Dept. of Physiology, Medical College, Kolkata
- XIX. Prof. Sanjit Dey, Dept. of Physiology, CU.
- XX. Dr. Madhuban Datta, Department of Zoology, Nabadwip Vidyasagar College

20. Student Enrolment (2022-23)

Course(s)		Men			Women			Total			
		Gen			Gen			Total			
M Sc / 2	1 st Sem	7			4			6			15

0 2 2													
2 0 2 2	2 nd Sem	7			4			6					15
2 2 1	3 rd Sem	5			9			1 0					16
2 0 2 1	4 th Sem	5			9			1 0					16
M · P h il													

5. Research Activities :

A. Research work by the scholars : (In Progress)

Sl.No.	Name of the Scholar(s)	Topic of Research	Supervisor(s)

***C. Research by Faculty Members: [Papers published during this year only]**

Sl.No.	Name of the Teacher	Title of Papers	Ref. to the Publication	Type of publication * *

* Please do not furnish the reports of Papers which were published before 1.06.16. Information regarding papers sent or accepted will not appear in the Annual Report.

** Only those articles are to be reported which are recognized for the UGC prescribed API *calculation*. Types are:-

(A) Referred journal (B) Journal/periodical having ISSN, (C) book/chapter in Ed.Vol. Published by International Publisher (D) Book/chapter in Ed.vol. published by National level publisher with ISBN (E) Book/Chapter in Ed.vol. Published by local level publisher with ISBN.

D. Sanctioned Research Projects – (Continuing)

Sl.No.	Name of the Project	Sanctioning Authority	Amount sanctioned	Duration & Progress

21. Examination Results :

Course	Appeared			Passed		
	Men	Women	Total	Men	Women	Total
Sem I	9	6	15	9	6	15

Sem II	9	6	15	9	6	15
Sem III	5	10	15	5	10	15
Sem IV	6	10	16	6	10	16

6. Faculty Improvement Programme: *[Please give a short note on the measures taken]*

7. Patent awarded/ applied for:

8. Any other achievement of the Department:

DEPARTMENT OF POLITICAL SCIENCE

Number of programs offered during the year : M.A, M.Phil, Ph.D

Number of full time teachers during the year					
Name)	Email	Gender	Designation	Date of joining

					institution
Dr Harihar Bhattacharyya		hbhattacharyya@polsc.buruniv.ac.in	Male	Professor	05.05.1990
Dr Rabindranath Bhattacharyya		srirab@gmail.com	Male	Professor	04.05.1988
Dr Arundhati Bhattacharyya		bhattacharyya.arundhati4@gmail.com	Female	Associate Professor	01.08.2018
Dr Arindam Roy		arindambu.du@gmail.com	Male	Associate Professor	18.02.2005
Dr Arijit Bhattacharyya		orijit.pol@gmail.com	Male	Associate Professor	28.09.2007
Dr Anil Kumar Biswas		bappa_anil@rediffmail.com	Male	Associate Professor	21.10.2014

Number of actual students admitted from the reserved categories during the year

Year	Number of seats earmarked for reserved category as per GOI or State Government rule					Number of students admitted from the reserved category			
	SC	ST	OBC	Gen	Others	SC	ST	OBC	Gen
						M.A - 2 nd sem-26	M.A- 2 nd sem-7	M.A- 2 nd sem-	M.A- 2 nd sem-

						M.A - 4 th sem-23 MPhil3 PhD- 2	M.A- 4 th sem-8 MPhil- NIL PhD- 1	16 M.A- 4 th sem- 43 MPhil- 2 PhD-2	50 M.A- 4 th sem- 59 MPhil- 6 PhD- 4
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* In case of Minority Institutions, the column Others may be used and the status of reservation for minorities specified along with supporting documents

Number of students passed during the year

Program Code	Program Name	Number of students appeared in the final year examination	Number of students passed in the final year examination
MAPOL	MA	112	94

Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the year

Sl. No	Name of Research fellow	Year of enrolment	Duration of fellowship	Type of the fellowship	Granting agency	Qualifying exam if any (NET, GATE, etc.)
	Vasundhara Sinha	2022 and	2 years	JRF (STAT)		NET

		continuing		E		
	Imran Hossain	2022 and continuing	2 Years	FUNDED		NET
	Ranju Chettri	2022 and continuing	2 Years	JRF (STATE FUNDED)		RET
	Ajit Majhi	2022 and continuing	2 Years	JRF (UGC)		NET
	Suranjan Mondal	2022 and continuing	2 Years	JRF (UGC)		NET
	Shreya Biswas	2022 and continuing	2 years	JRF (UGC)		NET and SET
	Prasenjit Roy	2022 and continuing	2 years	(JRF) UGC		NET
	Utpal Halder	2022 and continuing	2 years	NFSC		NET
	Suwendu Patra	2022 and continuing	2 years	NFSC		NET

	Sushmita Barman	2022 and continuing	2 years	NFSC		NET

Number of Ph.D.s awarded per teacher during the year

Name of the PhD scholar	Name of the Department	Name of the guide/s	Title of the thesis	Year of registration of the scholar	Year of award of PhD
1. Mousumi Ghatak			Trade Union Politics in Coalmines of West Bengal: A Study of Raniganj Coalfield Area (1973-2003)	2014	2023
2. Nivedita Roy	Political Science	Dr Rabindranath Bhattacharyya	Impact of Globalization on Primary Education in Bangladesh: A Study of Primary Development	2016	2023

			Programme (2004-2016)		
1. Sudeshna Chowdhury			Role of Village Level Health Workers in the Diversity of Public Health services in the District of Burdwan : A case Study of accredited Social Health Activities (ASHAs) (2005-2016)	----	
2. Kamal Chandra Barman	Political Science Political science	Dr Arindam Roy	Social and Political inclusion of Rajbanshi Community in	2016	2023 2023

			West Bengal: A case study of Select Gram Panchayats		
	Political Science				2023
	Political Science				2023

Number of research papers per teacher in the Journals notified on UGC website during the year

Title of paper	Name of the author /s	Depa rtme nt of the teach er	Nam e of jour nal	Yea r of publ icati on			<i>Citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index Link of the recognition in UGC enlistment of the Journal</i>
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							Citation Index	Citation in Web of Sc.		

1. Nutritional Right of the Children of Tea	Dr. Anil Kumar Biswas	Political Science	The Indian Journal of	October - December, 2022						
Tribes under Mid-Day Meal Scheme Amid		Political Science	Political Science Vol. LXXXIII, No. 4	2022						

<p>st Coron a Pand emic: A Study of West ern Duars Regio n</p> <p>2. Impa ct of COV ID-19 on the Right to Educ ation of Labo ur of Tea Gard ens in India</p>			<p>Scien ce Jour nal of Educ ation , Vol. 10, No.1 (onli ne)</p>							
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: A Study on Western Duar s Region									
<p>1. Indian Women in the Military: A Step in the New Direction</p> <p>2. India's Cordial Relations with Bhutan</p>	Arundhati Bhattacharya	<p>Political Science</p> <p>Political Science</p>	<p>Indian Journal of Political Science,</p> <p>Vol. IXX XIV, No. 1</p> <p>A Journal of Foreign</p>	<p>January-March 2023</p> <p>December 2022</p>					

<p>3. Sexual Harassment in the Information Technology Sector: A Study of Bengaluru, India</p>	<p>Dr. Arindam Roy</p>	<p>Political science Political</p>	<p>Policy and National Affairs</p> <p>International Journal of Social Science and Economics,</p> <p>Vol. 3, No. 1</p>	<p>2023</p> <p>2022</p>						
<p>1. Locating Community in disaster</p>										

Management: A Comparative Study of Indonesia and India			Khazanah Social, Vol. 4, No.1							
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									(S w i t z e r l a n d)
		<p>2. The Uplanders of Tripura: Changing Question of Identity</p> <p>3. Kasmir Question in India: After the Abrogation of Article 370 and Asymmetric Federalism</p>				<p>International</p> <p>International</p>	<p>2023</p> <p>2022</p>	<p>The University of Burdwan</p> <p>The University of Burdwan Federalism in</p>	<p>Routledge (London, New)</p>

										Scientific Conference
	Arundhati Bhattacharyya	1. Response to Domestic Violence: India published in the book International Responses to Gendered -based Domestic Violence: Gender Specific and Socio-Cultural				International	2023	9780320530		Routledge. New York

		Approaches 2. Challenges to Indian Foreign Policy published in Major Hinderences for Development of India even after 75 Yars of Independance				N a t i o n a l	2 0 2 3	9 7 8 9 3 9 3 6 5 5 3 6 3		R a g h a v P u b l i c a t i o n s, N e w d e l h i
	Dr. Arinda m Roy	1. Pandemic and the Administrative Rationality:				I n t e r n a t i o n a l	2 0 2 2 2 2	97 89 81 19 08 08		S p r i n g e r, S i n g

		<p>Understanding the Administrative Response to the Pandemic</p> <p>2. Reflections on Gendered Health Inequalities within Households</p> <p>3. Locating Community in disaster Management: A Comparative Study of Indonesia and India</p>				<p>I</p> <p>International</p> <p>International</p>	<p>0</p> <p>2</p> <p>2</p> <p>2</p> <p>0</p> <p>2</p> <p>2</p>	<p>8</p> <p>e</p> <p>ve</p> <p>rs</p> <p>io</p> <p>n</p> <p>97</p> <p>89</p> <p>81</p> <p>19</p> <p>08</p> <p>09</p> <p>5</p> <p>pr</p> <p>in</p> <p>t</p> <p>26</p> <p>62</p> <p>66</p> <p>24</p> <p>e</p> <p>ve</p> <p>rs</p> <p>io</p> <p>n</p> <p>26</p> <p>62</p> <p>66</p> <p>16</p> <p>pr</p> <p>in</p> <p>t</p>		<p>ap</p> <p>or</p> <p>e</p> <p>Sp</p> <p>rin</p> <p>ge</p> <p>r,</p> <p>Si</p> <p>ng</p> <p>ap</p> <p>or</p> <p>e</p>
	<p>Dr.</p> <p>Anil</p> <p>Kumar</p> <p>Biswas</p>	<p>1. Political History of Reorganization of</p>				<p>In</p> <p>te</p> <p>rn</p> <p>at</p> <p>io</p>	<p>2</p>			<p>In</p> <p>sti</p> <p>tu</p> <p>te</p>

		States in India since Colonial Period: A Problem or Prospect published in the edited book <i>Society and State in South Asia</i>				na l	0 2 2			of So ci al an d C ul tu ra l St u di es , In di a & Th e U ni ve rsi ty Pr
		2. Of Vulnerability and Marginalization: Impact of Development on the Toto Indigeno us People of West Bengal, India”Pu blished in the edited book <i>Rethinki ng</i>				In te rn at io na l	2 0 2 2 2 0 2 2			
						In te rn at io na l				

		<p><i>Development in South Asia Issues, Perspectives and Practices</i></p> <p>3. “NEP 2020 at the Elementary Level: Problems and Prospects”Published in the edited book <i>National Education Policy 2020: The Road Ahead (With Special Focus on North-East India)</i>,</p>									<p>es s Li m it ed , D ha ka Ba ng la de sh</p> <p>Ca m br id ge Sc h ol ar s P</p>
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		<p>4. Right to Education of Tea Tribes in India Amidst COVID-19”Published in the edited book <i>Human Rights and Global Pandemic</i></p>					2023			u b l i s h i n g H o u s e, L o n d o n
		<p>5. Title of the book “Right to Education of Tea Tribes Feasibility and Reality” published from Mittal Publications</p>					N a t i o n a l			C e n t r e f o r L a w, P u b l i c

											P o l i c y a n d G o v e r n a n c e, N a t i o n a l L a w U n i v e r s i t y a n d J u d i c i
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											al Ac ad e m y, G u w ah at i, As sa m .
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											M i t t a l P u b l i c a t i o n s , N e w D e l h i
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DEPARTMENT OF SANSKRIT

Number of programs offered during the year : M.A. in Sanskrit, M.Phil. in Sanskrit, Ph.D. in Sanskrit

Number of full time teachers & experience of full time teachers during the year

Name of the Full-time teacher	Designation	Year of appointment	Nature of appointment (Against Sanctioned post, temporary, permanent)	Name of the Department	Total years of Experience in the same institution	Is the teacher still serving the institution /If not last year of the service of Faculty to the Institution
Dr.Partha Pratim Das	Professor	30.04.1991	permanent	Sanskrit	32years	Yes

Dr.AditiS arkar	Professor	30.05.198 5	perm anen t	Sanskrit	38 year s	Yes
Dr.Sumit aBatabya l	Professor	01.03.200 6	perm anen t	Sanskrit	17 year s	Yes
Dr.Satya bati Banerjee	Professor	10.12.200 2	perm anen t	Sanskrit	21 year s	Yes
Dr.Devali naSaikia,	Assistant Professor	27.01.201 4	perm anen t	Sanskrit	9 year s	Yes
Dr.Souga ta Mukherj ee	Assistant Professor	17.01.201 4	perm anen t	Sanskrit	9 year s	Yes
Mr LaltuRuid as	Assistant Professor	16.01.201 4	perm anen t	Sanskrit	9 year s	Yes

Number of Ph.D.s awarded per teacher during the year 2022-23

Name of the PhD scholar	Name of the Department	Name of the guide/s	Title of the thesis	Year of registration of the scholar	Year of award
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					ard of P h D
Sandip Kumar Ghosal	San skrit	Prof. Summi taBata byal	Vedeṣu Dārs 'anikabhāvanā		2 1. 0 7. 2 0 2 2
Moumita Chowdhury	San skrit	Prof. Satyab ati Banerj ee	Vaiyākaranasiddhāntalaghumañjūṣā- vaiyākaranabhūṣanasāragranthayoh katipayaviṣayāṅgāṃ-samīkṣaṇam		0 8. 0 8. 2 0 2 2
Arpita Dey	San skrit	Prof. Summi taBata byal	APPLICATION OF SMRTI AND NĪTI IN SOCIO-POLITICAL LIFE IN THE LIGHT OF BENGAL INSCRIPTIONS		2 9. 0 8. 2 0 2 2
Santu Kumar Pan	San skrit	Late Prof Bhask arjyoti	Isopanisadahsankara-baladeva- Narayana- MadhavacaryakṛtaBhasyarityaVisista	21/08/ 18	1 9. 1

		Ghoshal	mAdhyayanam		0. 2 0 2 2
Ahasena Begum	Sanskrit	Prof Satyabati Banerjee	Semantic Comparison of Several Sanskrit Dhatus: Paniniyan and Non-paniniyan System	06.10.2015 - Re-Regst.-06/10/21	0 9. 0 1. 2 0 2 3
Mala Laha	Sanskrit	Prof Satyabati Banerjee	Comparative Study of some important SiksaVedangas	18.03.2014 Re-Regst.-18/03/20	0 3. 0 3. 2 0 2 3
SusmitaGoswami	Sanskrit	Prof. AditiSarkar	अभिलेखमूर्तिमुद्रासहायेन भागवतधर्मस्य विवर्तनधारानुसन्धानम्	26.02.2014 Re-Regst.-26.02.20	2 8. 0 3. 2 0

					2 3
RamdasBairagya	Sans krit	Prof Satyab ati Banerj ee	Prak-paniniya-Paniniya- PaniniyottarakalinanamVaikaranana mSamjnanamadhikrtyaEkoVimarsa (in Sanskrit)	14.10.2 015 Re- Regst.- 14.10.2 1	2 6. 0 5. 2 0 2 3
Mala Laha	Sans krit	Prof Satyab ati Banerj ee	Comparative Study of some important SiksaVedangas	18.03.2 014 Re- Regst.- 18/03/ 20	0 3. 0 3. 2 0 2 3

Number of research papers per teacher in the Journals notified on UGC website during the year 2022-23

Title of paper	Name of the teacher	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition
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	u t h o r / s	ch er				in U G C en lis tm en t of th e Jo ur na l
Jājñabalkasa mhitāyām Pratīfālitāsā m̄khyattvavi mārsā	L a l t u R u i d a s	Sa ns kri t, B U	Shab darn av	2022-23	ISSN 23955 104	
ṚgvedeSām khyattvānbe ṣaṇam	L a l t u R	Sa ns kri t, B	Vend anjali	2022-23	ISSN 23493 64 X	

	ber for the exam	ified											
		NET	SLE T									State govern ment exam ination s	Other exam ination s con duct ed by t

0 2 2 2 - 2 2 3	0 2 7 0 0 1 7 7	A Y G H O S H											
2 0 2 2 - 2 3	W B 1 0 7 0 0 6 0 8	A r n a b S e n											
2 0 2 2 - 2 3	W B 0 4 7 0 0 2 7 2	S u j a t a m o n d a l											
2 0 2 2 -	1 6 0 2 8 3		Sum anC hakr abo rty									W e s t B e n	

2 3	8 7												g al
2 0 2 2 - 2 3													

DEPARTMENT OF SANTALI

Head of the Department : Taushree Singh

Field of Studies of the approved Course contents :

Faculty Members:

Designation	Men					Women				
	Gen	SC	ST	OB C	Total	Gen	SC	ST	OB C	Total
Professor										
Reader/Asso.Prof.										
Sr.Lecturer/Asst.Prof.(StageII/III)										
Lecturer/Asst.Prof.			1					1		
Guest Lectr.										

Name & Designation of the Faculty members with degree and specialization:

1. Jogendranath Murmu, Assistant Professor, Degree: MA

Specialization: Santali language, literature and culture

2. Name: Tanushree Singh, Assistant Professor, MA.

Specialization: Santali language, literature and linguistics

Student Enrolment (2022-23)

Course(s)		Men				Women				Total			
		Gen	SC	ST	Total	Gen	SC	ST	Total	Gen	SC	ST	Total
MA/MSc/ MCom	1 st Sem	-	-	13	-	-	-	-	-	-	-	17	30
	2 nd Sem	-	-	12	-	-	-	-	-	-	-	15	27
	3 rd Sem	-	-	12	-	-	-	-	-	-	-	15	27
	4 th Sem	-	-	12	-	-	-	-	-	-	-	15	27
M.Phil	-	-	-	-	-	-	-	-	-	-	-	-	-

5. Research Activities : N.A.**A. Research work by the scholars : (In Progress)**

S l. No.	Name of the Scholar(s)	Topic of Research	Supervisor(s)
-	-	-	-

***C. Research by Faculty Members:[Papers published during this year only] NA**

S l. No.	Name of the Teacher	Title of Papers	Ref. to the Publication	Type of publication* *
-	-	-	-	-

*Please do not furnish the reports of Papers which were published before 1.06.16. Information regarding papers sent or accepted will not appear in the Annual Report.

** Only those articles are to be reported which are recognized for the UGC prescribed API calculation. Types are:-

(A) Referred journal (B) Journal/periodical having ISSN, (C) book/chapter in Ed.Vol. Published by International Publisher (D) Book/chapter in Ed.vol. published by National level publisher with ISBN (E) Book/Chapter in Ed.vol. Published by local level publisher with ISBN.

D. Sanctioned Research Projects – (Continuing) NA

S l. N o.	Name of the Project	Sanction ing Author ity	Amount sanctioned	Duration& Progress
-	-	-	-	-

Examination Results:

Course	Appeared			Passed		
	Men	Women	Total	Men	Women	Total
Sem I	12	15	27	12	15	27
Sem II	12	15	27	12	15	27
Sem III	12	15	27	12	15	27
Sem IV	12	15	27	12	15	27

6. Faculty Improvement Programme: *[Please give a short note on the measures taken]*

7. Patent awarded/ applied for: **N.A.**

8. Any other achievement of the Department: N.A.

DEPARTMENT OF TOURISM

Number of programs offered during the year : MBA TOURISM, Ph.D

2.1.2.1: Number of actual students admitted from the reserved categories during the year

Year	Number of seats earmarked for reserved category as per GOI or State Government rule					Number of students admitted from the reserved category				
	SC	ST	OBC	Gen	Others	SC	ST	OBC	Gen	Others
2023	7	2	4	15	6	1	NA	6	15	NA
2022	7	2	4	15	6	4	NA	7	14	NA

26

Number of students appeared in the University examination during the year: 25

3.2 (a) Number of full time teachers during the year

Name	ID number/Aadhar number (Not	Email	Gender	Designation	Date of joining institution
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	mandatory)				
DR. MIR ABDUL SOFIQUE	770	hod@mbatr.buruniv.ac.in	MALE	ASSOCIATE PROFESSOR	04.02.2000
DR. DILLIP KUMAR DAS	209	das.dillipkumar@gmail.com	MALE	ASSOCIATE PROFESSOR	14.06.2005
PROF. BIVRAJ BHUSAN PARIDA		bivraj@gmail.com	MALE	PROFESSOR	2001

Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other research fellows during the year

Sl.No	Name of Research fellow	Year of enrolment	Duration of fellowship	Type of the fellowship	Granting agency	Qualifying exam if any (NET, GATE, etc.)
1	SANTU KUMAR JANA	2023	4 MONTH	REGULAR	STATE GOVT.	NET
2	MOUSAM MASANTA	2023	4 MONTH	EXTERNAL	SVMCM	NET

Number of research papers per teacher in the Journals notified on UGC website during the year

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
An Econometric Analysis of 'Hotel-Hospital Tie Up' for Wellness Promoting and Related Tourism in Indian Health Cities with	DR. Dillip Kumar Das	Tourism Management	JOURNAL OF TOURISM	2022	0972-7310

Reference to Kolkata					
Socio-Economic Development Through Tourism: An Investigative study for the Himalayan State Sikkim, India	DR. Dillip Kumar Das	Tourism Management		2022	2198-3542
Evolution of Shakti Peetham for religious, Mythological and dark tourism In Indian Subcontinent	DR. Dillip Kumar Das	Tourism Management	Journal of Tourism Development,	2022	2182-1453

Development of Eco-Tourism Vis-à-Vis Conservation Measures for Protecting the Endangered Species of Flora and Fauna: A Study on Bhitarkanika National Park and Wildlife Sanctuary, Odisha, India	DR. Dillip Kumar Das	Tourism Management	Protected Area Management	2022	DOI: 10.5772/intech open. 102502
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Institution has subscription for e-Library resources
 Library has regular subscription for the following: 1. e – journals, 2. e-books, 3.e-ShodhSindhu, 4.Shodhganga,5.Databases

UNIVERSITY SCIENCE INSTRUMENTATION CENTRE

Head of the Department (*In-Charge*) : Dr. Subhajit Karmakar

Faculty Members :

Designation	Men					Women					Total
Professor											
Reader/Asso.Prof./Sr. Scientific Officer											
Sr. Lecturer/ Asst.Prof. (Stage II/III)											
Lecturer/Asst.Prof./ Technical-Officer-I											
Guest Lectr.											

- Name & Designation of the Faculty members with degree and specialization: Dr. Subhajit Karmakar, Sr. Scientific Officer, Ph.D. (Physics), Physics and Electronics**
Mr. Subhadip Bhaumik, Technical Officer-I (Sr. Scale), M.Sc. (Electronic Science), M.Tech. (Radio Physics & Electronics)

2. Student Enrollment (2022-23) Not Applicable

Course(s)	Men			Women			Total		
	Ge n	S C	T o t a l	Ge n		T o t a l	Ge n		T o t a l
MA/ M S c / M C o m	1 st Sem								
	2 nd Sem								
	3 rd Sem								
	4 th Sem								
M. Phi l									

3. Research Activities :

A. Research work by the scholars : (In Progress) by R&D Project JRF/SRF

S l. N o.	Name of the Scholar(s)	Topic of Research	Supervisor(s)
1.	Soumyodeep Banerjee	Design of a low cost photoacoustic system using high power LEDs and LASER Diodes for hematocrit estimation and soft tissue imaging	Dr. Subhajit Karmakar (PI of theproject)

*C. Research by Faculty Members: [Papers published during this year only]

S l. N	Name of the	Title of Papers	Ref. to the	Type of
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o.				
	Teacher		<i>Publication</i>	<i>publicati on * *</i>
1.	<i>Dr. Subhaj it Karma kar</i>	<i>Observing temporal variation in hemolysis through photoacoustics with a low cost LASER diode based system</i>	<i>Scientific Reports, 13, 7002 (2023) 10.1038/s41598- 023- 32839-3</i>	R ef er re d jo ur na l
2.	<i>Dr. Subhaj it Karma kar</i>	<i>MIXTURE OF INTACT RBC AND FREE HEMOGLOBIN UNDER A LOW COST, LOW POWER PHOTOACOUSTIC SYSTEM WITH APPLICATION IN HEMOLYSIS</i>	at the Proc. Of 2022 IEEE International Ultrasonics Symposium (IUS), October 10-13, 2022, Venice, Italy, 10.1109/ IUS54386.2022 .9957229 <i>Electronic ISSN:1948-5727</i>	Confe rence Proce eding

* Please do not furnish the reports of Papers which were published before 1.06.16. Information regarding papers sent or accepted will not appear in the Annual Report.

** Only those articles are to be reported which are recognized for the UGC prescribed API *calculation*. Types are:-

(A) Referred journal (B) Journal/periodical having ISSN, (C) book/chapter in Ed.Vol. Published by International Publisher (D) Book/chapter in Ed.vol. published by National level publisher with ISBN (E) Book/Chapter in Ed.vol. Published by local level publisher with ISBN.

D. Sanctioned Research Projects – (Continuing)

S l. No.	Name of the Project	Sanctioning Authority	Amount sanctioned	Duration & Progress
1.	Design of a low cost photoacoustic system using high power LEDs and LASER Diodes for hematocrit estimation and soft tissue imaging	DSTBT, Govt. of West Bengal	16,71,409/-	Initially 3yrs (Continuing)

5. Examination Results : Not Applicable

Course	Appeared			Passed		
	Men	Women	Total	Men	Women	Total
Sem I						
Sem II						
Sem III						
Sem IV						

6. Faculty Improvement Programme: *[Please give a short note on the measures taken]*

7. Patent awarded/ applied for: **NA**

8. Any other achievement of the Department:

- USIC provided analytical research support through sophisticated instrument facilities like Single Crystal Xray Diffractometry, Fluorescence Microscopy, UV-Vis and Fluorescencespectrophotometry, Xray Fluorescence spectrometry, Transmission Electron Microscopy to different research scholars, faculty members of this university and outside institutions and generated an income of **Rs. 90,050/-** during this period from service charges.
- USIC conducted the following national workshop cum training programme during this period in technical collaboration with OEM of TEM and Ultramicrotome Beneficiaries were faculty members, research scholars, PGT (Doctor) and technical personnel of different institutions like AIIMS Telengana, BITS Pilani Goa, Assam University, NIT Rourkella, TOCKLAI Tea Research Institute, IIT

KGP,NIST Berhampore, BCKV Mohanpur, Bankura University, Guru Ghasidas University Chattisgarh, Govt. Girls' PG college, Gazipur, UP and The university of Burdwan.

Year & Date of commencement	Sponsoring agency with amount	Theme/Title	National	Name of the distinguished speakers	No. of beneficiaries (No. from outside state)
7-13 Feb. 2023	Self-financing	A Seven day National Workshop Cum Hands-on Training Program on Transmission Electron Microscopy	National	i) Dr. A.N. Ghosh, NICED ii) Prof. Abhigyan Dutta, The University of Burdwan iii) Prof Apurba Ratan Ghosh, The University of Burdwan iv) Mr. Supriya Chakraborty, IACS v) Mr. Joston, Nehu Shillong vi) Mr. Anay Adak, JEOL vii) Dr. Indu Barwal, Leica	28 (14)

- SRF of the R& D project (PI: Dr. S. Karmakar) presented the work *Mixture of Intact RBC and Free Hemoglobin Under*

a Low Cost, Low Power Photoacoustic System with Application in Hemolysis, S. Banerjee, S. Sarkar, S. Saha, S. Karmakar, at the 2022IEEE International Ultrasonics Symposium (IUS), October 10-13, 2022, Venice, Italy.

DEPARTMENT OF WOMEN'S STUDIES

Number of programs offered during the year : MA in Women's Studies
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Number of students during the year

Year	of	Name	Student enrollment	Date	of
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444

enrollment		number	enrolment
22-'23		30	

Number of full time teachers during the year: **No Full Time Teacher**

Multidisciplinary and interdisciplinary courses as part of several programmes like MBA, MBAHR, MBA(Tourism), Mass communication, Women's studies, Environmental science are becoming increasingly popular. & effective for enabling students to gain a better insight and knowledge of their chosen subject and prepare for a successful career.

The University has taken cognizance that Academic Bank of Credits(ABC) allow the students to accumulate credits for courses taken through the Swayam platform and other platforms.

Alongwith skill development embedded in several post graduate subjects, our university intends to impart specific skill-based education in a holistic manner through its “Benoy Krishna Choudhury Rural Technology Centre” (BKRTC) and The university advocates the integration of Indian knowledge systems in all aspects of teaching-learning and the relevant departments have incorporated this aspect in curriculum design and development.

The relevant teaching and administrative departments teach, practice and celebrate the rich cultural heritage of our country. It takes effort to enable the learners to be aware of the value of traditional knowledge systems and to find ways to incorporate them into every sphere of life leading to better quality of life. The university understands the importance of traditional knowledge and intends to inculcate a system that enables students to know how it can be recognised and incorporated in the educational systems, business practices, and other aspects of life. Additionally, the university understands the importance and relevance of traditional knowledge systems in view of their potential to provide effective solutions to solve current socio-economic problems. The university and its stakeholders believe that by appropriately recognizing the value of traditional knowledge systems, we can create a more holistic understanding of the society, nation and world and develop a more sustainable solutions to the challenges that human civilization faces.

Focus on Outcome based education (OBE):

That students should be evaluated on the basis of the knowledge and skills they have acquired, instead of the amount of time they have spent in the postgraduate classroom. Accordingly, in alignment with OBE, the university emphasizes on setting specific, measurable, achievable, relevant, time- bound (SMART) learning objectives and towards assessing students' progress towards the achievement of these objectives. It also feels the urge to encourage the faculty members to employ a variety of teaching methods and to be flexible in their approach to instruction. Overall, the university while considering the imperative of OBE, is planning to inculcate a culture to enthuse the students to acquire the right kind of knowledge and skills required in order to excel in all academic, research, professional pursuits in future.

Distance education/online education:

The Centre for Distance and Online Education (CDOE), BU formerly Directorate of Distance Education, BU was established in 1994. It was the first of its kind in West Bengal. It evolved and developed since its inception and presently it has a good infrastructure of its own and conducts several postgraduate programme on the basis of the approval of UGC-DEB. Situated near the Golapbag Campus of the

university, the CDOE has a beautiful building of its own with the latest infrastructure. It houses all the administrative departments of the directorate and holds counselling sessions for different programmes under Distance mode. It has adequate faculty and staff for imparting quality education in distance mode.

CENTRAL LIBRARY

The Central Library is housed in a two-storied building in the Golapbag campus. Being in the middle of the campus it is easily accessible from all departments of the university. It has a carpet area of about 12,000 sq ft. The library opens from 8 am to 7 pm except Saturdays and Sundays. On Saturdays, it remains open from 10 am to 5 pm. Library remains closed in Sunday. There are 19 departmental libraries in the Golapbag campus attached to the respective departments. The library provides consultation facilities to out side scholars, teachers of the affiliated colleges and students of other universities as well as ex-students of our university on the basis of the Library Rules.

Off-Campus (Remote) access to online resources provided by e-Shodh Sindhu

Access to e-Resources provided by e-Shodh Sindhu consortium are seamlessly available on the member institutions campus through campus IPs. In addition to the on-campus access, users from subscribed institutions can access to resources through various off-campus access mechanisms available from the publishers and the the off-campus methodology available from the member libraries. Users are advised to contact their Librarian or Library Contact persons the method of off-campus available by their institutions.

Many library have the most common method of off-campus access through the VPN and proxy server options. In addition to this, off-campus access can be provided Shibboleth Access mechanism available through the INFED initiative of INFLIBNET. For more details about INFED, please visit the INFED website at <http://infed.inflibnet.ac.in/>

The details of access mechanism provided by e-Shodh Sindhu subscribed publishers is as listed below:

Note: * Contact your institute Library for availability of access through this method

Publisher Name	Remote Access Method Supported
ACM Digital Library	<ul style="list-style-type: none"> Shibboleth based Federated access using your campus/institution credentials* Anytime/Anywhere Access or Roaming (Six months access) - Creating Login id at publisher website <p>View more Instructions from publisher</p>
American Chemical	<ul style="list-style-type: none"> Shibboleth based Federated access using your campus/institution credentials*

Publisher Name	Remote Access Method Supported
Society	<ul style="list-style-type: none"> • Pairing a device (laptop, tablet or smartphone) • Google CASA (Campus Activated Subscriber Access) <p>View more Instructions from publisher</p>
American Institute of Physics	<ul style="list-style-type: none"> • Shibboleth based Federated access using your campus/institution credentials* • Free Access to Registered Users on Scitation • Google Scholar CASA • Token Access for Institutions. Librarians need to contact on help@scitation.org to submit your request. <p>View more Instructions from publisher</p>
American Physical Society	<ul style="list-style-type: none"> • Shibboleth based Federated access using your campus/institution credentials* • Google CASA (Campus Activated Subscriber Access) • APS Go Mobile Subscriptions (access for 3 months) <p>View more Instructions from publisher</p>
Annual Reviews	<ul style="list-style-type: none"> • Shibboleth based Federated access using your campus/institution credentials* • All articles are currently available freely in India till 30th July 2021.
ASCE Journals Online	<ul style="list-style-type: none"> • Shibboleth based Federated access using your campus/institution credentials* • Google CASA (Campus Activated Subscriber Access) • ASCE Library Person User <p>View more Instructions from publisher</p>
ASME Journals	<ul style="list-style-type: none"> • Shibboleth based Federated access using your campus/institution credentials* • Google CASA (Campus Activated Subscriber Access) <p>View more Instructions from publisher</p>

Publisher Name	Remote Access Method Supported
Economic & Political Weekly	<ul style="list-style-type: none"> • Temporary Login name created for subscribing Universities (access till 30th April 2020) <p>Librarian can contact to eshodhsindhu@inflibnet.ac.in to get the temporary login details.</p>
JGate Plus	<ul style="list-style-type: none"> • Login name created on JGate portal (access till the institute subscription expires) <p>Librarian can contact to jcoordinator@informaticsglobal.com to get their administrative login which also allow off-campus access</p>
JSTOR Archives	<ul style="list-style-type: none"> • Shibboleth based Federated access using your campus/institution credentials* • Referring URL Methods* <p>View more Instructions from publisher</p>
MathSciNet (AMS)	<ul style="list-style-type: none"> • Pairing a device (laptop, tablet or smartphone) • Special remote access link provided to Librarian for passing on to authorized users* <p>View more Instructions from publisher</p>
Oxford University Press	<ul style="list-style-type: none"> • Shibboleth based Federated access using your campus/institution credentials* <p>View more Instructions from publisher</p>
Project Muse	<ul style="list-style-type: none"> • Shibboleth based Federated access using your campus/institution credentials*
Springer Link	<ul style="list-style-type: none"> • Shibboleth based Federated access using your campus/institution credentials* • Google CASA (Campus Activated Subscriber Access) • Persisted authentication • Referrer Access <p>View more Instructions from publisher</p>

Publisher Name	Remote Access Method Supported
Taylor and Francis	<ul style="list-style-type: none"> • Shibboleth based Federated access using your campus/institution credentials* • Google CASA (Campus Activated Subscriber Access) • Access to Registered Users for 90 days from any location and on any device when logged in from their campus network <p>View more Instructions from publisher</p>
Web of Science	<ul style="list-style-type: none"> • Shibboleth based Federated access using your campus/institution credentials* • Anytime/Anywhere Access or Roaming (Six months access) - Creating Login id at publisher website and when logged in from their campus network <p>View more Instructions from publisher</p>
Scopus	<ul style="list-style-type: none"> • Shibboleth based Federated access using your campus/institution credentials* • Registration IDs provided by Elsevier • Registration IDs issued by librarian via the Elsevier Admin Tool • Secure login link on your website (e.g., library portal) via a Ticketed URL link <p>View more Instructions from publisher</p>

Benoy Krishna Choudhury Rural Technology Centre :

The following Production-cum-Training programmes are conducted under the Centre - Duckery Management; Vermiculture; Mushroom Production and Training; Pisciculture; Sericulture; Soil & Water Testing; Computer Training; Short-term-training on maintenance and repair of Electric and Electronics apparatus; DTP in Bengali; Hybrid Seed Production; Cultivation and Distillation of Aromatic Plants; Non-conventional Energy - application of Solar energy, Artificial Breeding & Animal Husbandry and a course on computer programming. Most of the courses are funded by UGC and State Government. the newly formed "Centre of Innovation, Entrepreneurship and Skill Development" (CIESD). We believe that professionally qualified students with a sound knowledge and expertise on a concerned domain of skill may have more opportunity in service, industry or self-employment sectors. Demand and scope for such professionally trained students are visible in the applied fields of almost all basic/core disciplines and is

likely to increase in future with the changing global scenario at post COVID-19 pandemic era.

Meghnad Saha Planetarium & Space Science Research Centre

NATIONAL SERVICE SCHEME

National Service Scheme (NSS) is a students' empowerment programme through campus community interaction. This programme was introduced in the University of Burdwan in the year 1971 with 550 student-volunteers in 11 affiliated colleges. Within 3 decades the number of NSS volunteers has gone upto 16,000 spread over 82 colleges. At the university level, there is one Advisory Committee of the NSS under the chairmanship of the Vice-Chancellor. The Programme Co-ordinator, NSS is in charge of co-ordinating the entire programme of the University and Colleges. At the college level, Principal of the college is the chairperson of the NSS Advisory Committee. One teacher of the college is the programme officer of one NSS unit consisting of 100 student volunteers. Each NSS unit at the college level adopts a nearby village / slum where the student volunteers work at their leisure and attend special camps during the long vacation. The entire expenditure of the scheme is borne by the Central and State Governments. At present the total volunteer strength is 7500 with 82 NSS units

Coordinator : Dr. Rajesh Das, Assistant Professor, Mass com

NAD – DIGI LOCKER

National Academic Depository (Digilocker) and Academic Bank of Credit (ABC)

- About National Academic Depository The vision of National Academic Depository (NAD) is born out of an initiative to provide an online store house of all academic awards. National Academic Depository (NAD) is a 24X7 online store house of all academic awards viz. certificates, diplomas, degrees, mark-sheets etc. duly digitised and lodged by academic institutions / boards / eligibility assessment bodies. NAD not only ensures easy access to and retrieval of an academic award but also validates and guarantees its authenticity and safe storage.
- About Digi Locker Digi Locker and NAD are initiatives of Ministry of Electronics and Information Technology (MeitY) and Ministry of Education (MoE) respectively. The concept of National Academic Depository (NAD) is born out of an initiative by MoE to provide a 24X7 online depository to Academic institutions to store and publish their academic awards. The digital depository not only ensures easy access to and retrieval of an academic award but also validates and guarantees its authenticity and safe storage. Digi Locker is a provider of NAD services and aims at 'Digital

Empowerment' of citizen by providing access to authentic digital documents to citizen's digital document wallet. The issued documents in Digi Locker system are deemed to be at par with original physical documents as per Rule 9A of the Information Technology (Preservation and Retention of Information by Intermediaries providing Digital Locker facilities) Rules, 2016. Maintaining academic awards in an electronic depository would provide benefit to educational institutions, students and employers by enabling online access of academic awards which will eliminate the need for persons to approach educational institutions for obtaining transcripts of such awards for verification. It would also eliminate fraudulent practices such as forging of awards, by Nodal Officer, National Academic Depository (Digilocker) and Academic Bank of Credit. It is facilitating online verification thereof and maintains the authenticity, integrity and confidentiality of the award. It aspires to make the vision of Digital Academic awards for every Indian a reality.

Lifelong Learning

The Department of Lifelong Learning, earlier known as the Department of Adult Continuing Education and Extension (A C E & E) was started in the year 1980 with total financial assistance and staff support by the University Grants Commission (UGC), New Delhi. The Population Education Resource Centre (PERC) was added to this Department on 1986 like 12 other leading Universities throughout the country with financial assistance from UGC-UNFPA. Additionally the Yoga Centre of the University has been included with the Department since 2001. The basic objective of the Department is to improve the quality of life through enhancement of education, knowledge and life skill development as well as institutionalization of population education in the higher education system in the state. In the line of UGC objectives the Department emphasise on extension and outreach activities through different colleges, government and nongovernment organizations as well as on campus and off campus teaching and research programme.

Since 2010 both A C E & E and PERC jointly renamed as The Department of Lifelong Learning. The Department has been conducting different need based, job oriented, non conventional independent and collaborative teaching programme for different category of students irrespective of their sex, age, and academic qualification since its inception with an objective of extending the scope of lifelong learning, continuing education and extension through university system. The academic programme of the Department are very flexible in nature and specially designed to those persons who are otherwise engaged in relevant profession and in need of specialized training and who are not usually entertained by the traditional academic programme of the university. However, like other institutions this department also has some limitations. Hence this department desires to serve a significant portion of population in the society.

Head : Dr Arijit Chatterjee, Asst Director

SPORTS BOARD

Sports Board organised different Inter University East Zone/All India Tournament. and also organised selection trial for selecting the University team before participation in the Inter University Tournaments.

Sports Board organised following Inter-Collegiate

- Football(M)
- Cricket(M)
- Volleyball(M)
- Basketball(M)
- Kabadi(M)
- Handball(M)
- Weight Lifting(M)
- Table Tennis (M & W)
- Athletics (M & W) and Yoga

Head : Dr. Surajit Nandi, Senior Sports Officer

Swami Vivekananda Advance Research Centre

Director : Prof. Bivraj Bhusan Parida (On Lien), Professor, Tourism Management

Malaviya Mission Teacher Training Centre (MMTTC)

The National Policy on Education (NPE) 1986, in its Programme of Action, proposed to enhance the motivation skills and knowledge of the teachers in the institutions of higher education through systematic orientation in specific subjects, techniques and methodologies, and thereby inculcate in them the right kind of values that would, in turn, encourage them to take initiatives for innovative and creative work. In order to achieve these objectives, an initiative was taken by the University Grants Commission (UGC) in the year 1986 under which 66 Academic Staff

Colleges (ASCs) were established in different universities over a period of time. As a part of this initiative, Academic Staff College was also established in The University of Burdwan (BU) in 1989. ASC, BU, used to organise various specially designed programmes, such as orientation programme, refresher course etc. to enhance motivation skills and knowledge of the in-service teachers through systematic orientation in specific subjects, techniques and methodologies. Later on, in order to come to terms with the changing higher education scenario due to the fast expansion in number of new institutions of higher education and substantial increase in the number of faculty positions and to achieve a quality assured system for capacity building, continuous knowledge enhancement, new strategies of governance for promotion of innovations and creativity, UGC proposed a set of guidelines, implemented from 1st February, 2015, to transform the ASC into University Grants Commission-Human Resource Development Centre (UGC-HRDC). Following these guidelines, the ASC of BU was also transformed into UGC-HRDC, BU, in the year 2015. Since then, it has been conducting Induction/Orientation Programmes for newly appointed college/university teachers and organizing Refresher Courses, Summer School, Winter School, Short term Courses for the college/university teachers, Workshops/Meets for Academic Administrators and Interaction Programmes for Research Scholars. UGC-HRDC, BU, is specially committed to address and use the challenges and the opportunities brought by the use of ICT and open content (OER and MOOC) for teaching and research in higher education institutions. Again, in response to the letter received from UGC on 12-09-2023, New Delhi, the name of University Grants Commission-Human Resource Development Centre (UGC-HRDC) has been changed to Malaviya Mission Teacher Training Centre (MMTTC).

Director : Prof. Tanmoy Dasgupta, , Professor, Business Administration

Placement & Students Welfare Office

The major activities of this unit is as follows :

Hostel Allotment of PG students
Hostel Clearance
Railway Concession
Hostel Staff Management
Recruitment Through Campus Interview

Railway Concession on Educational Tour/Project
Youth Parliament Competition
Hostel Half Free/Full Free
Hostel Welfare and Social Activities/Cultural Activities
Maintainance of Hostel Staffs/Mess Workers
Casual Leave/Privileged Leave Records Keeping of Hostel Mess Workers
Police Verification of Hostels' Students
Scholarship of Single Girl Child & Physical Handicaps' Students

Head : Mr. Arijit Adhya , Placement & Students Welfare Officer (Sr. Scale),B.Com., MBA(HR)

BURDWAN UNIVERSITY HEALTH CENTRE

The Health Centre provides outdoor facilities and also medicines to the outdoor patients. At present these facilities are available to the following : 1. All regular students of the university 2. Full-time Research Scholars of the university 3. Teachers and employees (including family members) of the university 4. Hostel workers and their family members 5. Retired employees including his/her spouse except free medicine

Pulse Polio is an immunisation campaign established by the government of India to eliminate poliomyelitis (polio) in India by vaccinating all children under the age of five years against the polio virus. The project fights poliomyelitis through a large-scale, pulse vaccination programme and monitoring for polio cases. University Health Centre is facilitates the Pulse Polio Programme.

The centre also provides other benevolent services viz., YOGA SERVICE, ECG, X-RAY,USG, PATHOLOGICAL TEST, LUNG FUNCTION TEST, FAMILY PLANNING,CARDIAC HOLTER RECORDING, PHYSIOTHERAPY, DENTAL CARE

REPORT OF FINANCE DEPARTMENT

Source of Income	Amount
<i>Grants from the State Govt.</i>	1446719366
<i>Grants from UGC</i>	2402140
<i>Grants from the Govt. of India</i>	32246894
<i>Grants received other than University Fund(Research purpose)</i>	3738702
<i>Income from own sources including interest earned</i>	389327041
Total	1874434143

Heads of Expenditure	Amount
<i>Salaries of staff & Retirement Benefit</i>	1367415825
<i>Research Scholarship</i>	12545174
<i>Expenses on account of Scientific Equipments, Books Furniture & Building</i>	65897859
<i>Expenses for Research Scholars</i>	41934841
<i>Other Expenses</i>	222860312
Total	1713266751

Ph. D Awardees during 2021-22

Sri Animesh Kundu	Ph. D. Degree in Bengali	Dr. Mology Rakshit, Dept. of Bengali, B.U	ehh naLi Rul cnLi h;wm; e;VL AcU'aEh;c J h;P;eml BaEpwLV x ehno AdÉue h;cm pL;l, p;çcÉQ³c e³cÉ J j;éqa Q-;f;dÉ;u
Sm. Juin Neogi	Ph. D. Degree in Bengali	Prof.Ramen Kr. Sar, Dept.of Bengali, B.U	fÉ;LU-BdæeL h;wm; p;éqaÉ x e;lÉl p;wú«caL fclpl
Sm. Chaitali Das	Ph. D. Degree in Bengali	Prof.Ramen Kr. Sar, Dept.of Bengali, B.U	jdEkæNI h;wm; p;éqaÉ SeeÉps;l ül©f pá;e
Sri Arindam Adhikary	Ph. D. Degree in Bengali	Prof.Ramen Kr. Sar, Dept.of Bengali, B.U	n;pLI f;im;hem : h;P;em p;çS J p;éqaÉ a;l fÉ;h (1757-1800)
Sri Rahul Mondal	Ph. D. Degree in Mathematics	Pror. Amar Kumar Banerjee, Dept. of Mathematics, B.U.	A STUDY ON SOME TOPOLOGICAL PROPERTIES IN BISPACES AND CERTAIN ASPECTS OF I- CONVERGENCE OF DOUBLE SEQUENCES AND ROUGH CONVERGENCE OF SEQUENCES IN SOME RELATED SPACES
Sri Biswajit Karmakar	Ph. D. Degree in Physics	Dr. Tanmoy Banerjee, Dept. of Physics, B.U.	STUDIES ON DESIGN AND SYNCHRONIZATION PROBLEMS OF CHAOTIC OSCILLATIONS IN A CLASS OF ELECTRONIC OSCILLATORS
Sm. Amrita Goswami	Ph. D. Degree in English	Prof. Nandini Bhattacharya, Dept of English & Culture Studies, B.U.	THE INTERFACE OF GENDER AND GENRE IN THE WRITINGS OF VIRGINIA WOOLF
Sm. Sanjukta Ghosh	Ph. D. Degree in Chemistry	Prof. Sukalyan Basu (Retd), Dept. of Chemistry, B.U. & Dr. Moni Baskey (Sen), Dept. of Chemistry, B.U	SYNTHESIS AND CHARACTERISATION OF GRAPHENE BASED PHOTOCATALYSTS
Sm. Moumita Roy	Ph. D. Degree in Commerce	Prof. Debdas Rakshit, Dept. of Commerce, B.U. & Dr. Seikh Salim (Retd), Dept. of Commerce, Burdwan Raj College, Burdwan	FINANCIAL PERFORMANCE OF SELECTED DISINVESTED PUBLIC SECTOR UNDERTAKING IN INDIA: A STUDY
Reshma Khattoon	Ph. D. Degree in Urdu	Dr. Md. Shafquat Kamal,	URDU AFSANEY KE IRTEQA MEIN BENGAL KI KHATOON AFSANA

		Dept. of Urdu, T.D. B. College, Raniganj	NIGARON KA HISSA
Sri Abhisek Saha Roy	Ph. D. Degree in Commerce	Dr. Som Sankar Sen, Dept. of Commerce, B.U	AN EMPIRICAL INVESTIGATION OF STOCK MARKET SYNCHRONICITY EXPLORING AGGREGATE AND FIRM SPECIFIC INFORMATION : THE INDIAN EVIDENCE
Hasina Wahida	Ph. D. Degree in English	Dr. Suman Jana (Retd), Dept of English, Vivekananda Mahavidyalaya, Burdwan.	OPERATIONS OF POWER : A STUDY OF SELECT WRITINGS OF JACK LONDON
Sri Joyanta Dangar	Ph. D. Degree in English	Dr. Pradipta Sengupta, Dept.of English, M.U.C. Women's College, Burdwan	WILLIAM GOLDING'S TRAUMA NOVELS : A CRITICAL STUDY
Sm. Sudha Sharma	Ph. D. Degree in Hindi	Dr. Anita Mishra, Dept. of Hindi, Raniganj Girls' College, Raniganj	RAJKAMAL CHOUHDHARY KE HINDI AUR MAITHILI KE KATHA-SAHITYA MEIN SAMAJ
Sri Yadab Chandra Mandal	Ph. D. Degree in Mathematics	Prof. Shyamal Kumar Hui, Dept. of Mathematics, B.U .	INVESTIGATION ON SOME GEOMETRIC FLOWS AND ASSOCIATED SOLITONS IN RIEMANNIAN MANIFOLDS
Sm. Anumita Sarkar	Ph. D. Degree in Botany	Dr. Tushar Kanti Maiti, Prof. of Botany, B.U.	CHARACTERIZATION OF THE SALT TOLERANT ACC DEAMINASE PRODUCING PLANT GROWTH PROMOTING RHIZOBACTERIA (PGPR) ISOLATED FROM THE RICE FIELD OF THE COASTAL BELT OF ODISHA
Rubina Khatun	Ph. D. Degree in Zoology	Prof. Padmanabha Chakraborti, Prof. in Zoology, B.U.	HISTOPHYSIOLOGY, SURFACE ULTRASTRUCTURE AND HISTOCHEMICAL CHARACTERIZATION OF CELLS LINING THE SACCUS VASCULOSUS OF NOTOPTERUS CHITALA (HAMILTON), MASTACEMBELUS PANCALUS (HAMILTON) AND EUTROPICHITHYS VACHA (HAMILTON)
Sm. Chaitali Pal	Ph. D. Degree in Economics	Prof. Maniklal Adhikary, Dept. of Economics, B.U	ECONOMIC IMPACTS OF WATER BORNE DISEASE IN SLUMS OF KOLKATA
Sm. Sanghita Bhattacharjee	Ph. D. Degree in Economics	Dr. Bhaskar Goswami, Dept. of Economics, B.U.	INTER-LINKAGE BETWEEN THE FORMAL AND THE INFORMAL SECTORS : A STUDY OF FEMALE DOMESTIC WORKERS OF SOUTH 24 PARGANAS DISTRICT IN WEST BENGAL
Sri Joydeb Roy	Ph. D. Degree in Mathematics	Prof. Shyamal Kumar Hui, Dept. of Mathematics, B.U .	INVESTIGATIONS ON CERTAIN SUBMANIFOLDS OF CONTACT METRIC MANIFOLDS

Sm. Devaleena Mukherjee	Ph. D. Degree in Zoology	Prof. Goutam Chandra, Dept. of Zoology, B.U	EFFECT OF PHYTOCHEMICALS FROM MORINGA OLEIFERA LAM. AND THUJA ORIENTALIS L. ON SOME PATHOGENIC BACTERIA
Sm. Sunanda Dutta	Ph. D. Degree in Botany	Prof. Sikha Dutta, Dept. of Botany, B.U.	EXPLORING THE SYNERGISM OF THE ROOT ENDOSYMBIONTS AND PLANT GROWTH PROMOTING MICROORGANISMS FOR AUGMENTING THE PRODUCTION OF BIOACTIVE FLAVONOID COMPOUNDS IN CELOSIA CRISTATA L.
Sm. Agnijita Chatterjee	Ph. D. Degree in Physics	Prof. Sourangshu Mukhopadhyay, Dept. of Physics, B.U.	SOME ANALYTICAL INVESTIGATIONS ON THE SPECTRAL CHANGE OF OPTICAL POWER SHAPE FUNCTIONS THROUGH NON-LINEAR MEDIA
Sri Tilak Nath Ghosh	Ph. D. Degree in Commerce	Prof. Jaydeb Sarkhel(Retd), Dept. of Commerce, B.U. & Dr.Seikh Salim(Retd), In Charge, Dept. of Commerce, Burdwan Raj College, Burdwan	IMPACT OF MAHATMA GANDHI NATIONAL RURAL EMPLOYMENT GUARANTEE ACT (MGNREGA) ON RURAL DEVELOPMENT: A COMPARATIVE STUDY OF HOOGHLY AND BURDWAN DISTRICTS OF WEST BENGAL
Sri Subhash Chandra Das	Ph. D. Degree in Mathematics	Prof. Asoke Kr. Bhunia, Dept. of Mathematics, B.U. & Dr. Ali Akbar Shaikh Dept. of Mathematics, B.U.	STUDIES OF SOME INVENTORY CONTROL PROBLEMS FOR DETERIORATING ITEMS WITH ADVANCE PAYMENT AND TRADE CREDIT POLICIES IN CRISP AND INTERVAL ENVIRONMENTS
Sm. Ayanika Sarkar	Ph. D. Degree in Geography	Prof. Biswaranjan Mistri, Dept. of Geography, B.U	IMPACT OF SOCIAL BEHAVIOUR ON THE STATUS OF FEMALE EDUCATION IN SALTORA CD BLOCK OF BANKURA DISTRICT, WEST BENGAL
Sri Arnab Chatterjee	Ph. D. Degree in Chemistry	Dr. Rajarshi Ghosh,, Dept. of Chemistry, B.U	SYNTHESIS, STRUCTURAL CHARACTERIZATION AND BIOINSPIRED CATALYTIC REACTIONS OF SOME Fe, Cu AND Zn COMPLEXES
Sm. Baishali Sarkar	Ph. D. Degree in Physics	Prof. Sourangshu Mukhopadhyay, Dept. of Physics, B.U.	ALTERNATIVE STUDIES FOR THE DEVELOPMENT OF SOME OPTICAL LOGIC DEVICES BASED ON OPTICAL AMPLIFIERS
Sm. Shilpi Roy	Ph. D. Degree in Economics	Dr. Suchismita Mondal Sarkar, Dept. of Economics ,B.U	SOCIO ECONOMICS IMPACT OF RAINWATER HARVESTING IN THE ARID AND SEMI- ARID AREAS OF PURULIA DISTRICT, WEST BENGAL
Sri Shuva Ranjan Sinhababu	Ph. D. Degree in English	Prof. Himadri Lahiri(Retd), Dept. of English, B.U.	THE NEW AESTHETIC: READING THE POETRY OF JOHN BETJEMAN, PHILIP LARKIN, AND ELIZABETH

			JENNINGS
Sm. Amrita Bhattacharyya	Ph. D. Degree in English	Prof. Nandini Bhattacharya, Dept. of English & Culture Studies, B.U	A CULTURAL STUDY OF HINDU WIDOWHOOD IN NINETEENTH CENTURY BENGAL
Sm. Modhura Bandyopadhyay	Ph. D. Degree in English	Prof. Nandini Bhattacharya, Dept. of English & Culture Studies, B.U	GAJAN : READING TRANSGENDERISM AND TRANSLATING PERFORMATIVITY
Sri Sadhan Kumar Paddhan	Ph. D. Degree in Commerce	Dr. Santosh Kumar Dutta, Dept. of Economics, Bidhannagar College, Kolkata	PROBLEMS AND PROSPECTS OF SELECTED POULTRY FARMS IN SOUTH BENGAL - A STUDY
Sm. Piu Nandi	Ph. D. Degree in Bengali	Dr. Ujjwal Gangopadhyay, Dept. of Bengali, Suri Vidyasagar College, Suri	১৯৩০-৪০ সালের বাংলায় জীবন-কালের পরিবর্তন
Sri Suranjan Chakraborty	Ph. D. Degree in Law	Prof. Sarit Kumar Sadhu(Retd), Dept. of Law, B.U.	LAWS FOR THE PROTECTION OF CASUAL WORKERS: A CRITICAL STUDY
Sri Tutun Mukherjee	Ph. D. Degree in Commerce	Dr. Som Sankar Sen, Dept. of Commerce, B.U	DETERMINANTS OF CORPORATE SUSTAINABLE GROWTH : A STUDY OF SELECTED COMPANIES IN INDIA
Sri Tuhin Kumar Samanta	Ph. D. Degree in Education	Self guidance	SOME INNOVATIVE EXPERIMENTS IN BIOLOGY TEACHING-LEARNING PROCESS AT SECONDARY LEVEL : AN INVESTIGATION
Sri Jayanta Hazra	Ph. D. Degree in Commerce	Dr. Santosh Kumar Dutta, Dept. of Economics, Bidhannagar College, Kolkata	IMPACT OF EMERGENCE OF ORGANIZED RETAILING ON THE COMMUNITY - A CASE STUDY OF ASANSOL-DURGAPUR AREA OF WEST BENGAL
Sri Koushik Bhattacharya	Ph. D. Degree in Physiology	Dr. Alak Kumar Syamal, P.G Dept. of Physiology, Hooghly Mohsin College	STUDY ON ADOLESCENT GIRLS AND YOUNG WOMEN WITH POLYCYSTIC OVARY SYNDROME IN GREATER KOLKATA : AN APPROACH OF ANTHROPOMETRIC AND BIOCHEMICAL SENSOR ASSESSMENT
Sri Pravat Sikdar	Ph. D. Degree in Bengali	Dr. Tapan Goswami, Dept. of Bengali, K.C.College, Hetampur, Birbhum	গণতন্ত্রের জন্ম: একটি বিশ্লেষণ : শ্রী প্ৰবত সিক্দার
Sm. Subhra Sinha	Ph. D. Degree in Economics	Prof. Pravat Kumar Kuri, Dept. of Economics, B.U	FOOD PRICE VOLATILITY IN INDIA: CAUSES AND CONSEQUENCES ON FOOD SECURITY
Sri Shuddhasattwa Maitra Mazumdar	Ph. D. Degree in Zoology	Prof. A.Majumdar, Dept. of Zoology, B.U	STUDIES ON ADULT ACTIVITY OF CULICOIDES SPP. (DIPTERA : CERATOPOGONIDAE) IN RELATION TO FARM ANIMALS WITH SPECIAL EMPHASIS ON HOST PREFERENCE AND HOST SEEKING BEHAVIOUR

Sri Siddhartha Sen	Ph. D. Degree in Computer Science	Prof. Sripati Mukhopadhyay, Dept. of Computer Sc., B.U.	STUDIES ON DATA-SECURITY ISSUES IN E-GOVERNANCE IMPLEMENTATIONS IN INDIA
Sm. Mahuya Banerjee	Ph. D. Degree in Chemistry	Prof. Debasis Das, Dept. of Chemistry, B.U	CHEMISTRY OF SOME AZOURACIL, AMIDE AND IMINE DERIVATIVES : SYNTHESIS, STRUCTURES AND INTERACTION STUDIES WITH SOME CATIONS, ANIONS, HISTIDINE AND SMALL MOLECULES
Sri Suman Patra	Ph. D. Degree in Commerce	Dr. Arindam Laha, Dept. of Commerce, B.U	IMPACT OF LEVERAGE BUYOUT ON SELECT INDIAN COMPANIES
Sri Shuvadip Adhikari	Ph. D. Degree in Zoology	Dr. Anandamay Barik, Dept. of Zoology, B.U & Dr. S.K.Mukhopadhyay, Former Principal, WBSes, UGC Emeritus Fellow, GCELT, Govt. of W.B, Kolkata	CARBON CAPTURE, SEQUESTRATION AND STORAGE EFFICIENCIES OF BIOTIC AND ABIOTIC SYSTEMS OF EAST CALCUTTA WETLANDS (RAMSAR SITE NO. 1208) IN MITIGATION OF GREENHOUSE GASES
Sri Somenath Kar	Ph. D. Degree in Geography	Prof. Biswaranjan Mistri, Dept. of Geography, B.U.	SANITATION AND ITS IMPLICATION IN RURAL ENVIRONMENT OF SIMLAPAL BLOCK, BANKURA DISTRICT, WEST BENGAL
Sri Arnab Das	Ph. D. Degree in Physiology	Dr. Alak Kumar Syamal, P.G Dept. of Physiology, Hooghly Mohsin College	MORPHO-PHYSIOLOGICAL AND BIOCHEMICAL MONITORING OF INDIAN ROWERS AT DIFFERENT TRAINING PHASES
Sri Chikai Ghosh	Ph. D. Degree in Tourism Management	Prof. Bivraj Bhusan Parida, Dept. of Tourism Management, B.U	COMMUNITY PARTICIPATION IN SUSTAINABLE TOURISM DEVELOPMENT - A STUDY OF PROTECTED ECO-TOURISM SITES IN WEST BENGAL
Sri Avisek Sen	Ph. D. Degree in Commerce	Dr. Arindam Laha, Dept. of Commerce, B.U	FINANCIAL INCLUSION AND QUALITY OF LIFE: A STUDY IN INDIA WITH SPECIAL REFERENCE TO WEST BENGAL.
Sm. Sarmistha Tewari	Ph. D. Degree in Bengali	Dr. Archan Chattopadhyay, Dept. of Bengali, Netaji Mahavidyalaya, Arambag, Hooghly	Ègen naLl èaaèu;dÑ h;wmj fÈqpe e;lÈl BbÑ-p;jj;èSL fèlp l x HLèV pjÈr;
Sri Sadhan Malik	Ph. D. Degree in Geography	Dr. Subodh Chandra Pal, Dept. of Geography, B.U.	CHARACTERIZATION OF CHANNEL MORPHOLOGY OF DWARKESWAR RIVER
Sm. Priti Mondal	Ph. D. Degree in Zoology	Dr. Sanjoy Podder, Dept. of Zoology, B.U. & Prof. Nimai Chandra Saha, Vice Chancellor, The University of Burdwan.	ASSOCIATION STUDIES OF SUSCEPTIBLE GENETIC VARIANTS OF IL-18 AND TGF-β1 WITH HOUSE DUST MITES INDUCED ASTHMA AMONG POPULATION OF WEST BENGAL, INDIA.

Md. Aftab Alam	Ph.D.degree in Urdu	Dr. Shabnam Parveen, Dept. of Urdu,Govt. Girls General Degree College, (W.B.E.S.)Kolkata	NEYAZ FATEHPURI BAHAI SIYAT AFSANA NIGAR
Sri Mainak Banerjee	Ph. D. Degree in Zoology	Prof. P.Chakrabarti(Retd.), Dept. of Zoology, B.U & Prof. A.Majumdar, Dept. of Zoology, B.U	HYPOTHALAMO-HYPOPHYSEAL COMPLEX OF OMPOK BIMACULATUS (BLOCH) WITH SPECIAL REFERENCE TO GONADAL MATURATION AND INDUCEMENT OF BREEDING
Sm. Koyeli Banerjee	Ph. D. Degree in Sanskrit	Prof. Aditi Sarkar, Dept. of Sanskrit, B.U	।;SnMI ehlQa h;ml;j;uZ e;VLI pjEr;aeL AdÉue" nÉoNL NhoZ;eehál p;lpwrf
Sri Deb guru Banerjee	Ph. D. Degree in Bengali	Dr. Tapan Goswami, Dept. of Bengal, K.C.College, Hetampur, Birbhum	HL;ml Mä Lëha;u L;eqee hÉhq;ll °heQaeÉ J hZn;ijp : f;yyQSe Lëh
Sm. Promila Biswas	Ph. D. Degree in Mathematics	Dr. Ritabrata Biswas, Dept. of Mathematics, B.U. & Dr. Parthajit Roy, Dept. of Computer Science, B.U.	EXPLORING LATE TIME COSMIC ACCELERATION THROUGH ALLEYS OF REDSHIFT PARAMETERIZATIONS
Sri Sandip Dutta	Ph. D. Degree in Mathematics	Dr. Ritabrata Biswas, Dept. of Math, B.U.	THRESHOLD DROP IN VISCOUS DARK ENERGY ACCRETION DENSITY AND CONSEQUENCES
Sri Akash dip Karmakar	Ph. D. Degree in Mathematics	Prof. Arijit Ghosal, Dept. of Mathematics, B.U.	STUDIES ON SCATTERING OF CHARGED PARTICLES IN PLASMAS
Sri Arijit De	Ph. D. Degree in Zoology	Dr. Anirban Ash, Dept. of Zoology, B.U. & Prof.(Dr.) Nimai Chandra Saha, Vice Chancellor, B.U.	A STUDY ON THE SEASONAL VARIATION OF PHYSICO-CHEMICAL PARAMETERS AND THE PROKARYOTIC COMMUNITY OF BENTHIC SOIL OF AN AQUACULTURE FARM IN EAST KOLKATA WETLANDS FOR THE DETERMINATION OF ECOLOGICAL HEALTH STATUS.
Sm. Amrita Biswas	Ph. D. Degree in History	Dr. Aparajita Dhar, Dept. of History, B.U.	THE CHANGING PERCEPTIONS OF SEXUAL VIOLENCE IN COLONIAL BENGAL : 1861-1947
Sm. Papiya Manna	Ph. D. Degree in Geography	Dr. Tapas Mistri, Dept. of Geography, B.U.	STATUS AND PROSPECTS OF MICRO, SMALL AND MEDIUM MANUFACTURING ENTERPRISES IN BANKURA DISTRICT, WEST BENGAL
Sm. Nabanita Mukherjee	Ph. D. Degree in Geography	Prof. Giasuddin Siddique, Dept. of Geography, B.U	APPREHENSION OF CLIMATE CHANGE AND ITS CONSEQUENCES ON HUMAN SOCIETY IN SOUTHERN PART OF THE INDIAN SUNDARBANS REGION, WEST BENGAL
Sm. Shatabdi Sinha	Ph. D. Degree in Bengali	Dr. Srabani Basu, Dept. of Bengali, B.U	enö-eLn;l p;eqeaÉL ASu l;u : SÉhe J p°eøLjÑ
Sri Swarup Mukherjee	Ph. D. Degree in Law	Dr. P.K. Acharya (Retd), Dept. of Law, B.U	RIGHT TO FOOD AN ANALYSIS OF ITS EMERGENT FORMATION AS

			HUMAN RIGHT IN INDIA
Sm. Sharmila Chanda	Ph. D. Degree in History	Dr. Binata Sarkar, Dept. of History, B.U	CRIMINAL LUNATICS IN COLONIAL AND POST-COLONIAL BENGAL, 1843-1987
Sm. Sanjogita Verma	Ph. D. Degree in Hindi	Dr. Suresh Mondal, Dept. of Hindi, T.D.B College, Ranigaj, & Dr. Kusum Rai, Dept. of Hindi, Mankar College, Mankar	ACHARYA HAZARI PRASAD DWIVEDI KE UPANYASON MEIN SAMAJIK PARIVARTAN KI BHUMIKA
Sm. Kiran Lata Dubey	Ph. D. Degree in Hindi	Dr. Suresh Mondal, Dept. of Hindi, T.D.B College, Ranigaj, & Dr. Kusum Rai, Dept. of Hindi, Mankar College, Mankar	MOHAN RAKESH KE NATAKON MEIN SAMAJIK SANRACHNA AUR VIVIDH MANAVIYA SAMBANDH
Sri Sudipta Mukherjee	Ph. D. Degree in Tourism Management	Prof. Bivraj Bhusan Parida, Dept. of Tourism Management, B.U	TOURISM PLANNING AND DEVELOPMENT THROUGH GEOGRAPHIC INFORMATION SYSTEM : A STUDY OF SIKKIM
Sri Bidyut Mandal	Ph. D. Degree in Mathematics	Prof. G. C. Layek, Dept. of Mathematics, B.U	BOUNDARY LAYER FLOWS OF NEWTONIAN AND NON-NEWTONIAN FLUIDS
Sri Arijit Das	Ph. D. Degree in Chemistry	Dr. Inul Ansary, Dept. of Chemistry, B.U.	DEVELOPMENT OF METHODOLOGIES FOR THE SYNTHESIS OF NITROGEN AND SULFUR CONTAINING HETEROCYCLIC COMPOUNDS
Sri Rekh Mani Sharma	Ph. D. Degree in Lib & Inf. Sc.	Dr. Sukumar Mondal, Dept. of Lib. & Inf. Sc., B.U.	INFORMATION NEEDS AND INFORMATION SEEKING BEHAVIOUR OF FLORICULTURISTS OF KALIMPONG AND DARJEELING DISTRICTS : A STUDY
Sri Kiran Kumar Roy	Ph. D. Degree in Geography	Prof. Gopa Samanta, Dept. of Geography, B.U	RURAL-URBAN TRANSFORMATION OF CENSUS TOWNS IN MURSHIDABAD DISTRICT, WEST BENGAL
Sm. Chandrima Lodh	Ph. D. Degree in Physiology	Dr. Subrata Ghosh, P.G Dept. of Physiology, Hooghly Mohsin College	HIDDEN RISK FACTOR ASSESSMENT AND ABATEMENT OF OCCUPATIONAL HAZARDS AMONGST NIGHT-SHIFT WORKERS OF UNORGANIZED SECTORS OF BENGAL
Sri Arnab Chatterjee	Ph. D. Degree in Zoology	Prof. Soumendranath Chatterjee, Dept. of Zoology, B.U. and Prof.(Dr.) Nimai Chandra Saha, Vice Chancellor, B.U.	A STUDY ON THE EFFECTS OF SOME COMMONLY USED PESTICIDES ON COMMON CARP CYPRINUS CARPIO AND ITS PLANT BASED AMELIORATION
Sri Chandan Kr Show	Ph. D. Degree in Bengali	Dr. Sangita Sanyal, Dept. of Bengali, B.U	je;S ejael HLi' e;VL x ghou-hgQaeÉ J enÖfl©f
Sri Prabir Roy	Ph. D. Degree in Physiology	Dr. Subrata Ghosh, P.G Dept. of Physiology, Hooghly	ERGONOMICS OF WELDING : INVESTIGATION OF HEALTH

		Mohsin College	PROFILE AMONGST UNORGANIZED WELDERS OF KOLKATA
Sri Subhodip Bid	Ph. D. Degree in Lib & Inf. Sc.	Dr. Sukumar Mondal, Dept. of Lib. & Inf. Sc., B.U.	SCHOLARLY PUBLICATIONS IN PHYSICS EMERGING FROM BRICS COUNTRIES, 1975-2016 : A BIBLIOMETRIC STUDY
Sri Biswajit Das	Ph. D. Degree in Mathematics	Prof. Arijit Ghoshal, Dept. of Math, B.U.	PLASMA SCREENING EFFECTS ON ATOMIC BOUND STATES
Sri Animesh Acharjee	Ph. D. Degree in Chemistry	Dr. Bidyut Saha, Dept. of Chemistry, B.U.	STUDIES ON DYNAMICS OF MICELLAR CATALYSED ORGANIC TRANSFORMATION IN AQUEOUS MEDIUM.
Sri Partha Chakraborty	Ph. D. Degree in Bengali	Dr. Shital Gangopadhyay, Dept. of Bengali, T.D.B. College, Raniganj	হিঃস্মরণীয় গবেষণার ফলাফল : হিঃস্মরণীয় গবেষণার ফলাফল
Sm. Paroma Mitra	Ph. D. Degree in Zoology	Prof. Anandamoy Barik, Dept. of Zoology, B.U.	INTERACTION BETWEEN GRASS PEA PLANT, LATHYRUS SATIVUS L. AND THE INSECT PEST, APHIS CRACCIVORA KOCH (HEMIPTERA: APHIDIDAE)
Sri Jagannath Pal	Ph. D. Degree in Mathematics	Prof. Amar Kumar Banerjee, Dept. of Mathematics, B.U.	STUDIES ON GENERALIZED SETS AND SOME RELATED TOPOLOGICAL PROPERTIES IN GENERALIZED TOPOLOGICAL SPACES
Sri Sudipta Kundu	Ph. D. Degree in Physiology	Dr. Alak Kumar Syamal, P.G Dept. of Physiology, Hooghly Mohsin College	STUDIES ON THE HEALTH STATUS AND PRODUCTIVITY OF FEMALE TEA PLUCKERS IN WEST BENGAL
Sri Arindam Datta	Ph. D. Degree in Business Administration	Prof. Tanmoy Dasgupta, Dept. of Bus. Admn., B.U.	A STUDY ON THE IMPACT OF FINANCIAL INCLUSION IN SELECT RURAL AREAS OF PURBA BARDHAMAN, WEST BENGAL
Sm. Sharmistha Gupta (Dutta)	Ph. D. Degree in Philosophy	Prof. Rajat Bhattacharya, Dept. of Philosophy, B.U.	TRUTH AND ASSERTIBILITY
Sri Dibyendu Saha	Ph. D. Degree in Botany	Prof. Jai Prakash Keshri, Dept. of Botany, B.U.	INVESTIGATION ON THE PHYTOPLANKTON DIVERSITY OF ABANDONED OPEN CAST COAL MINE PITS IN CERTAIN AREAS OF RANIGANJ COALFIELD, WEST BENGAL, INDIA
Sm. Sarbani Bondyopadhyay	Ph. D. Degree in Bengali	Dr. Alope Kr. Chakraborty, Dept. of Bengali, B.U.	ইংরেজি ভাষায় গবেষণার ফলাফল : বাংলা ভাষায় গবেষণার ফলাফল
Sri Pinaki Biswas	Ph. D. Degree in Microbiology	Dr. Somasri Dam, Dept. of Microbiology, B.U.	IN SILICO ANALYSIS AND MOLECULAR CHARACTERIZATION OF TWO CHROMOSOME SEGREGATION PROTEINS IN ENTAMOeba HISTOLYTICA

Sm. Bhramar Dutta	Ph. D. Degree in Botany	Prof. Jai Prakash Keshri, Dept. of Botany, B.U.	MOLECULAR CHARACTERIZATION OF HALOPHILIC BACTERIA FROM DELTA AREAS OF WEST BENGAL AND ITS BIOTECHNOLOGICAL APPLICATION FOR INDUSTRIALLY IMPORTANT ENZYME PRODUCTION
Sm. Sudeshna Dutta	Ph. D. Degree in Economics	Dr. Bhaskar Goswami, Dept. of Economics, B.U.	AN ENQUIRY INTO MACRO-FINANCIAL LINKAGES : EVIDENCE FROM INDIA
Sri Subhankar Adhikari	Ph. D. Degree in Mathematics	Dr. Brojeswar pal, Dept. of Mathematics, B.U.	STUDY INVENTORY MODELS FOR VARYING DEMAND UNDER PRODUCTION DISRUPTION ENVIRONMENT
Sri Chandan Sarkar	Ph. D. Degree in Zoology	Prof. Anandamoy Barik, Dept. of Zoology, B.U. & Prof. Nimai Chandra Saha, Vice Chancellor, The University Burdwan.	STUDIES ON THE EFFECTS OF TRIAZOPHOS, SPINOSAD, CYPERMETHRIN ON SOME AQUATIC ORGANISMS AND EVALUATION OF ECOLOGICAL HEALTH OF WETLANDS THROUGH WATER QUALITY ASSESSMENT
Sm. Shrabana Sarkar	Ph. D. Degree in Botany	Prof. Rajib Bandopadhyay, Dept. of Botany, B.U.	DECOLORIZATION AND DEGRADATION OF SYNTHETIC AZO DYE BY TEXTILE EFFLUENT ORIGIN THERMOTOLERANT BACTERIA
Sri Rajendra Prasad Mondal	Ph. D. Degree in Zoology	Prof. Goutam Chandra, Dept. of Zoology, B.U. & Dr. Anupam Ghosh, Asst. Prof. of Zoology, Bankura Christian College	EFFICACY OF PHYTOCHEMICALS FROM ALANGIUM SALVIIFOLIUM WANG AND AN AQUATIC INSECT ON MANAGEMENT OF IMMATURE STAGES OF CULEX QUINQUEFASCIATUS SAY
Sri Uday Chand Saha	Ph. D. Degree in Chemistry	Prof. Pabitra Chattopadhyay, Dept. of Chemistry, B.U.	CHEMOSENSOR FOR SOME CATIONIC AND ANIONIC SPECIES OF BIOLOGICAL RELEVANCE: SYNTHESIS, STRUCTURAL CHARACTERIZATION AND APPLICATION
Sri Souvik Singha	Ph. D. Degree in Business Administration	Prof. Tanmoy Dasgupta, Dept. of Bus. Admn., B.U.	PERCEPTION OF CUSTOMERS ON INTERNET BANKING : A STUDY IN BURDWAN REGION
Sm. Barnali Mitra (Sinha)	Ph. D. Degree in Geography	Dr. Deb Prakash Pahari , Scientific Officer, Dept. of Geography, B.U.	IMPACT OF THE CHANGING PATTERN OF URBANIZATION ON ENVIRONMENT IN BARASAT SUBDIVISION, NORTH 24 PARGANAS, WEST BENGAL
Kh Amirul Islam	Ph. D. Degree in Computer Science	Prof. Sripati Mukhopadhyay, Dept. of Computer Science, B.U. & Prof. Sunil Karforma, Dept. of Computer Science, B.U.	STEGANOGRAPHIC APPROACH TO SECURE RESOURCES OF E-LEARNING

Sm. Piyali Kumar	Ph. D. Degree in Economics	Prof. S. K. Datta, Dept. of Economics, B.U.	NATURAL RESOURCE USE AND ITS ASSOCIATION WITH ECONOMIC GROWTH AND CLIMATE CHANGE ISSUES : A CROSS-COUNTRY ANALYSIS
Sri Dibyajyoti Karmakar	Ph. D. Degree in Bengali	Prof. Amitava Das, Dept. of Bengali, B.U	পৰ্ব্বীণে জমি, বিদ্যুৎ, জল চাহিদা ও নদ
Sri Goutam Dey	Ph. D. Degree in Physics	Dr. Abhijit Chakraborty, Dept. of Physics, B.U	INVESTIGATION OF TAUTOMERISM AND VIBRATIONAL SIGNATURES IN CONJUGATED SYSTEMS
Jalal Ahmad Ansari	Ph.D.degree in Urdu	Dr. Shabnam Parveen, Dept. of Urdu, Govt. Girls General Degree College, (W.B.E.S.) Kolkata	MANTOO KE AFSANO KA TAJZIATI MOTALYA HAQIQAT AUR SAMAJIYAT KE TANAZUR MEIN
Sri Uttam Basak	Ph. D. Degree in Education	Dr. Sanat Kr. Ghosh, Dept. of Education, Katwa college	ACCOUNTABILITY OF THE SECONDARY SCHOOL TEACHERS WITH REFERENCE TO THEIR QUALIFICATIONS SUBJECT SPECIALIZATION AND ATTITUDE TOWARDS TEACHING PROFESSION
Sri Manabendu Barman	Ph. D. Degree in Zoology	Dr. Sanjib Roy, Dept. of Zoology, B.U.	BIOASSAY-GUIDED ISOLATION OF ANTIPROLIFERATIVE AND CYTOTOXIC ACTIVE PRINCIPLE(S) FROM CLERODENDRUM INERME (L.) GAERTN.
Sri Ritendu Mukhopadhyay	Ph. D. Degree in Geography	Prof. Narayan Chandra Jana, Dept. of Geography, B.U.	FLUVIO-GEOMORPHOLOGICAL AND HUMAN RESPONSES TO FLOOD HAZARDS IN LOWER DAMODAR RIVER BASIN, WEST BENGAL
Sri Pradip Mondal	Ph. D. Degree in Mathematics	Prof. Shyamal Kumar Hui, Dept. of Mathematics, B.U .	STUDIES ON SUBMANIFOLDS OF CERTAIN CONTACT SPACE FORMS
Sm. Shrutartha Dasgupta	Ph. D. Degree in Geography	Prof. Lakshmi Sivaramakrishnan, Dept. of Geography, J.U.	STATUS OF GIRL CHILD LABOUR IN THE INFORMAL ECONOMY OF KOLKATA CITY
Sm. Susmita Sengupta	Ph. D. Degree in Geography	Prof. Sanat Kumar Guchait, Dept. of Geography, B.U	PHYSICAL AND SOCIO-ECONOMIC BARRIERS OF FIRST GENERATION LEARNERS OF JHALDA I AND II BLOCKS OF PURULIA DISTRICT,
Sri Anup Polley	Ph. D. Degree in History	Dr.. Syed Tanveer Nasreen, Dept. of History, B.U	MEMBRANOPHONIC MUSIC AND ITS PERFORMERS IN NORTH INDIA: 15TH - 17TH CENTURY
Sri Tanmay Sen	Ph. D. Degree in Law	Prof. Sanjeev Kumar Tiwari, Dept. of Law, B.U	PROTECTION OF EMPLOYEES THROUGH JUSTICE DELIVERY SYSTEM: AN ANALYSIS WITH SPECIAL REFERENCE TO SERVICE TRIBUNALS IN INDIA

Sm. Sanchita Nag	Ph. D. Degree in Political Science	Dr. Arijit Bhattacharyya, Dept. of Pol. Sc., B.U	THE CONSTRUCTION OF NATIONHOOD IN BHUDEV MUKHOPADHYAY AND SWAMI VIVEKANANDA : A COMPARATIVE STUDY
Sri Gautam Bhowmik	Ph. D. Degree in Economics	Prof. Soumyendra Kishore Datta, Dept. of Economics, B.U.	CAPABILITY APPROACH TO THE ANALYSIS OF CHILD DEPRIVATION IN INDIA : FOCUS ON INTER - STATE VARIATION
Sri Goutam Das	Ph. D. Degree in Bengali	Prof. Sangita Sanyal, Dept. of Bengali, B.U	Aejui'oZjSŸjc;llLbeçhnĀ e;fē -fēlpł
Sm. Antara Ghosh	Ph. D. Degree in Botany	Prof. Tushar Kanti Maiti, Dept. of Botany, B.U.	STUDY OF HEAVY METAL RESISTANT AND SALT TOLERANT PLANT GROWTH PROMOTING RHIZOBACTERIA ISOLATED FROM RICE FIELD OF BURDWAN DISTRICT, WEST BENGAL
Sri Sudhangsu Sekhar Datta	Ph. D. Degree in Sociology	Prof. Anirban Banerjee, Dept. of Sociology, B.U.	ROLE OF NGOs IN PREVENTING HUMAN TRAFFICKING: A STUDY IN NORTH AND SOUTH 24 PARGANAS OF WEST BENGAL
Sazzad Ali	Ph. D. Degree in Lib & Inf. Sc.	Prof. A. K. Bandyopadhyay, Dept. of Lib. & Inf. Sc., B.U..	STATE OF DEVELOPMENT OF THE UNIVERSITY LIBRARIES IN WEST BENGAL ESTABLISHED SINCE 2001
Sri Chandan Das	Ph. D. Degree in Botany	Prof. Abhijit Bandyopadhyay, Dept. of Botany, B.U.	ALLELOPATHY OF SHOREA ROBUSTA GAERTN. F. ITS BIOCHEMICAL BASIS
Sm. Sayanti De	Ph. D. Degree in Botany	Dr. Sujit Roy, Dept. of Botany, B.U.	PLANT RESPONSE TO UV-B STRESS: UNVEILING THE LINK BETWEEN INDUCTION OF DNA DAMAGE AND ENDOREDUPPLICATION, CELL CYCLE CONTROL AND EPIGENETIC REGULATION USING VIGNA RADIATA (L.) R. WILCZEK AS MODEL SYSTEM
Sri Nirvik Masanta	Ph. D. Degree in Mathematics	Prof. Arijit Ghosal, Dept. of Mathematics, B.U.	POSITRON SCATTERING FROM ALKALI ATOMS IN PLASMAS
Sri Dhyanes Chakraborty	Ph. D. Degree in Mathematics	Prof. Absos Ali Shaikh, Dept. of Mathematics, B.U.	INVESTIGATION ON CURVATURE RESTRICTED GEOMETRIC STRUCTURES OF CERTAIN METRICS
Syfujjaman Tarafdar	Ph. D. Degree in Geography	Prof. Narayan Chandra Jana, Dept. of Geography, B.U.	ROLE OF TRANSPORT NETWORK AND SERVICES ON RURAL DEVELOPMENT IN MURSHIDABAD DISTRICT, WEST BENGAL, INDIA
Sm. Debjani Dutta	Ph. D. Degree in Environmental Science	Dr. Srimanta Gupta, Dept. of Environmental Science, B.U. &	CHANGING LAND USE PATTERN AND ITS IMPACT ON METEOROLOGICAL CONDITIONS: A COMPREHENSIVE ANALYSIS OVER

		Prof. Arun Chakraborty, IIT, Kharagpur	TWENTY FIVE YEARS (1990-2015) IN BURDWAN DISTRICT, WEST BENGAL WITH A BRIEF FUTURE PROGNOSIS.
Sri Sujit Roy	Ph. D. Degree in Zoology	Prof. Sanjib Roy, Dept. of Zoology, B.U.	ISOLATION OF CLERODANE DITERPENOID FROM CLERODENDRUM VISCOSUM VENT. AND EVALUATION OF THEIR CYTOTOXIC EFFECTS
Sri Subhajit Lahiri	Ph. D. Degree in Botany	Dr. Sudhansu Sekhar Dash, Scientist-E & Joint Director, BSI, Kolkata. & Dr. Asok Ghosh, Dept. of Botany, B.U.	STUDIES ON ALPINE AND SUBALPINE VASCULAR PLANT DIVERSITY AND COMMUNITY STRUCTURE OF TWO LANDSCAPES OF SIKKIM HIMALAYA
Sri Kalyan Mahapatra	Ph. D. Degree in Botany	Dr. Sujit Roy, Dept. of Botany, B.U.	INVESTIGATION OF STRUCTURE-FUNCTION ASPECTS OF SUPPRESSOR OF GAMMA RESPONSE 1 IN DNA DAMAGE RESPONSE IN ARABIDOPSIS THALIANA
Sri Samanta Das	Ph. D. Degree in Physiology	Dr. Subrata Ghosh, P.G Dept. of Physiology, Hooghly Mohsin College	OPTIMIZATION OF COMFORT POSTURE ERGONOMICS AND ABATEMENT OF HAZARDS AMONGST DIFFERENT DURATION LOAD-BEARERS
Saddam Hossain Mondal	Ph. D. Degree in Economics	Prof. Arup kumar Chattopadhyay, Dept. of Economics, B.U	PATTERNS OF FOODGRAINS PRODUCTION AND FOOD SECURITY IN INDIA: AN INTERSTATE ANALYSIS
Sm. Snehalata Jaiswal	Ph. D. Degree in Hindi	Dr. Kusum Rai, Dept. of Hindi, Mankar College, Mankar	TRILOCHAN KA KAVYA AUR LOKJIVAN
Sri Somnath Khanra	Ph. D. Degree in Chemistry	Prof. Debasis Das, Dept. of Chemistry, B.U.	STUDIES ON PHOTO-PHYSICAL INTERACTIONS OF SEVERAL NEW ORGANIC MOLECULES AND METAL COMPLEXES WITH BIO-AND ENVIRONMENT RELEVANT SPECIES
Sm. Swati Das	Ph. D. Degree in Zoology	Prof. Anandamay Barik, Dept. of Zoology, B.U	CHEMICAL INTERACTIONS BETWEEN TWO COMMELINACEAE WEEDS AND THEIR INSECT HERBIVORE, LEMA PRAEUSTA (FAB.) (COLEOPTERA: CHRYSOMELIDAE)

Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training,

project work, student / faculty exchange and collaborative research during the year

Organisation with which MoU is signed	Name of the institution/ industry/ corporate house	Year of signing MoU	Duration	List the actual activities under each MOU year wise	Number of students/teachers participated under MoUs
Space Application Centre, Indian Space Research Organization, Department of Space, Government of India, Ahmedabad – 380 015	Space Application Centre, Indian Space Research Organization and The University of Burdwan	2015, Renewal on 2018	5 Years	One sponsored project, study reports, publications , trained manpower, software and hardware development	
Shivaji University, Kolhapur 416 004, Maharashtra, India	Shivaji University, Kolhapur 416 004, Maharashtra, India and The University of Burdwan	2021	3 Years	One publication, data exchange, joint research	

ICAR-Central Institute of
Freshwater Aquaculture
(CIFA), Kausalyaganga,
Bhubaneswar 751002

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2018

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and larval
diet of
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catfish,
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students
are carrying
out
research for
their Ph.D.
degree
under joint
supervision
of the
scientists
from CIFA
and faculty
members
from BU

The University Grants Commission	The University Grants Commission and the University of Burdwan	2021	05 years, extendable	Dr. Suvro Chatterjee has joined in the Department of Biotechnology, The University of Burdwan as Associate Professor. he has been selected by the UGC under its "Faculty Recharge Programme (FRP)"; the salary would be provided by the UGC for the tenure of the programme	
Department of Biotechnology, Ministry of Science & Technology, Govt of India	Department of Biotechnology, Ministry of Science & Technology, Govt of India	2019	3 Years	One sponsored project, study reports, publications	

	Gol and The University of Burdwan			, trained manpower	
Department of Biotechnology, Ministry of Science and technology, Gol	Department of Biotechnology, Ministry of Science and technology, Gol and The University of Burdwan	2018	4 Years	One sponsored project, study reports, publications , trained manpower	
Tripura University, Agartala, Tripura 799022 And Tezpur University, Tezpur, Assam 784 028	Tripura University, Agartala, Tripura 799022 And Tezpur University, Tezpur, Assam 784 028 and The University of Burdwan	2020	3 Years	Joint proposal under STRIDE-III scheme of the University Grants Commission has been submitted	
ICAR-Central Potato Research Institute, Shimla 171 001	ICAR-Central Potato Research Institute, Shimla 171 001 and The	2015	03 years, extendable	Foundation seed production and distributions, interactive	

	University of Burdwan			programme s between farmers and growers	
Botanical Survey of India, Salt Lake, Kolkata 700 064	Botanical Survey of India, Salt Lake, Kolkata 700 064 and The University of Burdwan	2014	Still ongoing	To protect the fragile microcosm of unique biodiversity glorifying the Golapbag campus of The University of Burdwan; adding value to the existing knowledge base, teaching and research activities involving Department of Botany, The University of Burdwan in the	

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Total number of Collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year

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	El ec tr oc h e m ic al ch ar ac te	Dr. Sac hin dra nat h Das , De pt. of Inst ru	Prof. S.K. Prad han, Mah aswe ta Chatt erjee	201 7	4	CV, GCD and EIS Charact erizatio n

	rization	mentational Science, Jadavpur University				
	Photocurrent Measurement	Dr. Sachindranath Das, Dept. of Instrumental Science,	Prof. S.K. Pradhan, Moumita Mondal	2021	1	Photocurrent measurement, EIS spectra

		Jadavpur University				
	Electrical Characterisation	Dr. Sachindranath Das, Dept. of Instrumental Science, Jadavpur University	Prof. S.k. Pradhan, Shrabani Paul	2021	1	Electrical characterisation

	El ec tri ca l C h a r a c t e r i s t i o n	Pro f. Ajit Mei cap , NIT Dur gap ur	Prof. S.k. Prad han, Shra bani paul	201 9	3	Electrica l charact erisatio n	
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	<p>Artificial propagation and nursery rearing of Indian Shad, Teनुअल</p>	<p>ICAR-CIFA</p>	<p>Prof. Koushik Ghosh (PI, BU), Dr. D. N. Chattopadhyay (Co-Supervisor - CIFA) A. Chakraborty (Research Fellow)</p>	<p>2015-2021</p>		<p>Research (Ph.D. Program)</p>	<p>Attached</p>
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	n of susceptible people generated ic vari ants associated with food allergy within	iversity of Calcutta	BU), Prof. Goutam Kumar Saha (Supervisor, CU), Arghya Laha (Research fellow)			tion Number : 00980/P h.D.(Sc.) Proceed /2019, dated 25.02.2019)	d
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	p o p u l a t i o n o f W e s t B e n g a l, I n d i a						

APPENDIX I

MEMBERS OF THE COURT

	NAME	NAME
	Shri La Ganeshan Hon'ble Chancellor,	The Head Department of History,

	The University of Burdwan, Rajbhaban, Kolkata- 700062	The University of Burdwan
	Professor Nimai Chandra Saha Vice-Chancellor, The University of Burdwan	The Head Department of Geography, The University of Burdwan
	Dr. Ashis Kumar Panigrahi Pro-Vice-Chancellor The University of Burdwan.	Prof. in charge Department of Geospatial Science. The University of Burdwan
	Prof. Debnarayan Bandopadhyay, Ex Vice Chancellor, Bankura University, Nominee of the Chairman, WBSCHE.	The Head Department of Philosophy, The University of Burdwan
	The Secretary Dept. of Finance Govt. of West Bengal or His Nominee, Nabanna, Howrah-711102.	The Head Department of Political Science, The University of Burdwan
	Jayashri Roy Chowdhuri Director of Public Instruction(P&S) Education Directorate,Bikash Bhavan Salt Lake City, Bidhannagar, Kolkata-700 091.	The Head Department of Sanskrit, The University of Burdwan
	Srimati Chandani Tudu WBCS (Exe.), Special Secretary, Dept. of Higher Education	The Head Department of Tourism Management, The University of Burdwan

	Govt. of West Bengal, Bikash Bhavan, Salt Lake, Kolkata-91.	
	The President, West Bengal Council of Higher Secondary Education, Vidyasagar Bhaban, 2/9, D.J.Block, Sector-II, Salt Lake City, Kolkata-700091.	The Head Department of Chemistry, The University of Burdwan
	The President West Bengal Madrasah Education Board Begum Rokea Bhavan, 19, Hazi Md. Nohsin Squire, Kolkata-700016	The Head Department of Computer Science, The University of Burdwan
	The President, West Bengal Board of Secondary Education, 77/2, Park Street, Kolkata-700006.	The Head Department of Mathematics, The University of Burdwan
	The Chairperson, University Grant Commission, Bahadur Shah Zafar Marg,, New Delhi-110002.	The Head Department of Physics The University of Burdwan
	The Chairman National Council for Teachers' Education (NCTE), Hans Bhavan, Wing II, 1, Bahadur Shah Zafar Zafar Marg, New Delhi-110002.	The Head Department of Statistics, The University of Burdwan

<p>The Chairman, W.B. College Service Commission, 3rd floor, Purta Bhavan, DF Block, Sector-I, Salt Lake, Kolkata-700064</p>	<p>The Head Department of Zoology The University of Burdwan</p>
<p>Prof. V. R. Desai Professor, Dept. of Civil Engineering IIT, Kharagpur-721302 (AICTE Nominee)</p>	<p>The Head Department of Micro-Biology, The University of Burdwan</p>
<p>The Head Department of Bengali, Burdwan University</p>	<p>The Head Department of Education, Burdwan University</p>
<p>The Head Department of Business Administration, The University of Burdwan</p>	<p>Prof.-in-Charge Department of Women's Studies, The University of Burdwan</p>
<p>The Head Department of Business Administration (HR), Burdwan University</p>	<p>Dr. Gouri Sankar Bandyopadhyay Principal, Syamsundar College Purba Bardhaman-713424</p>
<p>The Head Department of Botany, The University of Burdwan</p>	<p>Dr. Syed Sajidul Islam, Principal, Arambagh Girls' College, P.O.- Arambagh, Dist- Hooghly—712601.</p>
<p>The Head Department of Commerce,</p>	<p>Dr. Shyamal Majumder Principal, Govt. College of Physical Education,</p>

	The University of Burdwan	Chalk Bazar, P.O. & Dist. – Hooghly Pin- 712103.
	The Head Department of Economics, The University of Burdwan	Dr. Santanu Chakraborti, Principal, Govt. General Degree College, P.O.- Singur, Dist.- Hooghly Pin-712409.
	The Head Department of English, The University of Burdwan	Dr.Sushanta Kumar Majumder, Principal, Polba Mahavidyalaya P.O.- Polba, Dist.- Hooghly, Pin- 712154.
	The Head Department of Environment Science, The University of Burdwan	Dr. Sibaprasad Rudra Principal, Vivekananda Mahavidyalaya, Burdwan.
	The Head Department of Foreign Language, The University of Burdwan	Dr. Mrinal Kanti chattapadhyay Principal, Kandra, Rudra Kanta Kundu Mahavidhyalaya, Burdwan
	The Head Department of Hindi, The University of Burdwan	Dr. Nirmalendu Sarkar Principal, Katwa College, Katwa, Burdwan.

APPENDIX II**MEMBERS OF THE EXECUTIVE COUNCIL.**

	Name	
	<p>Professor Nimai Chandra Saha, Vice-Chancellor, The University of Burdwan.</p>	<p>Dr. Shyamal Majumder, Principal, Physical Education College for women, Chalkbazar, P.O. & Dist. – Hooghly-712103</p>
	<p>Professor Ashis Kumar Panigrahi Pro-Vice Chancellor The University of Burdwan</p>	<p>Dr. sibaprasad Rudra, Principal, Vivekananda Mahavidyalaya, Dist. - Purba Bardhaman</p>
	<p>Director of Public Instruction Education Directorate, Bikash Bhavan Salt Lake City, Bidhannagar Kolkata-700 091.</p>	<p>Dr. Santanu Chakrabarti, Principal, Singur Govt. College, P.O-Singur, Dist- Hooghly, Pin-712409.</p>
	<p>Financial Advisor, Higher Education Deptt. Bikash Bhavan, 8th Floor Kolkata-700091.</p>	<p>Head Dept. of Economics, The University of Burdwan</p>
	<p>Srimati Chandani Tudu WBCS (Exe.), Special Secretary, Dept. of Higher Education, Govt. of West Bengal, Bikash Bhavan, Salt Lake, Kolkata-91.</p>	<p>Head Dept. of Education,</p>

		The University of Burdwan
	Prof (Dr.) Sunil Karforma Dean, Faculty Council of Science, The University of Burdwan.	Head Dept. of English & culture Studies, The University of Burdwan
	Prof (Dr.) Pradip Chattopadhyay, Dean, Faculty Council of Arts, Commerce , Law etc. The University of Burdwan.	The chairman or his nominee, WBSCHE. 147a, Rashbehari Avenue, Kolkata-700029
	Dr. Partha Sarathi Mukhopadhyay Principal, Chandidas Mahavidyalaya Dist- Birbhum.	The Secretary Dept. of Finance Govt. of West Bengal or His Nominee, Nabanna, Howrah-711102.

OFFICERS OF THE UNIVERSITY (AS ON 31.05.2023)

OFFICERS	NAME
<i>Vice-Chancellor</i>	: <i>Prof. Nimai Chandra Saha</i>
<i>Pro Vice-Chancellor</i>	: <i>Dr. Shoroshimohan Dan</i>
<i>Registrar</i>	: <i>Dr. Sujit Kr. Chowdhury</i>
<i>Finance Officer</i>	: <i>Dr. Sougata Chakrabarty</i>
<i>Librarian</i>	: <i>vacant</i>
<i>Controller of Examinations</i>	: <i>Dr. Anindya Jyoti Pal</i>
<i>Inspector of Colleges</i>	: <i>vacant</i>
<i>University Engineer</i>	:
<i>Sr.Development Officer</i>	: <i>Dr Indrajit Ray</i>
<i>Deputy Librarian</i>	: <i>Dr Kanchan Kamila</i>
<i>Sr. Secretary, UG Council</i>	: <i>Sri S.P.Dey</i>
<i>Secretary, Faculty Council (Arts)</i>	: <i>Sri K.K.. Mukhopadhyay</i>
<i>Secretary, Faculty Council (Science)</i>	: <i>Sri S.P.Nandi Mazumdar</i>
<i>Audit & Accounts Officer</i>	: <i>Sri Indra Narayan Ghosh</i>
<i>Deputy Controller of Examinations</i>	: <i>Dr Pradip Kr. Roy</i>
<i>Joint Controller of Examinations</i>	: <i>Dr R.Mahapatra</i>
<i>Joint Registrar</i>	: <i>Dr. Debidas Mondal</i>
<i>Deputy Inspector of Colleges</i>	: <i>Dr. Amarendra Mahapatra</i>
<i>Placement & Students' Welfare Officer</i>	:
<i>Assistant Registrar</i>	: <i>Sri Debmalya Ghosh</i>
	<i>Sri Subrata Nandi</i>
	<i>Sri Krishna Pada Bauri</i>
<i>Accounts Officers</i>	:

	<i>Sri S. Ghosh</i>
	<i>Sri S.Das</i>
<i>Trust Officer</i>	: <i>Sri Debasis Pal</i>
<i>Assistant Controllers of Examinations</i>	: <i>Sri K.Mazumder</i>
	<i>Sri P. Roy</i>
<i>Asstt. Engineer (Civil)</i>	: <i>Sri Nirmal Kumar pal</i>
<i>Asstt. Engineer (Elect.)</i>	: <i>Sri H.N Ghosh</i>

OFFICERS	NAME
<i>Assistant Librarians</i>	: <i>Ms Moumita Bose</i>
<i>Medical Officer</i>	: <i>Dr. S. Pramanik</i>
<i>Estate Officer</i>	: : <i>Dr. D. N. De</i>
<i>Curator</i>	: <i>vacant</i>
<i>System Manager</i>	: <i>Dr. B. Sarkar</i>
<i>System Engineer</i>	: <i>Dr A.Auddy</i>
<i>Joint System Engineer</i>	: <i>Md. N. Biswas</i>
<i>Programmer</i>	: <i>Md. N. Biswas</i>
<i>Electronics Engineer</i>	:
<i>Information Scientist (Inflibnet Programme)</i>	: <i>Dr. B. Mukhopadhyay</i>
<i>Manuscript Reader (Bengali)</i>	: <i>vacant</i>
<i>Joint Director Life long learning</i>	: <i>Dr. Soubhatra Bandyopadhyay</i>

<i>Asstt. Director Life long learning</i>	:	<i>Dr. Arijit Chatterjee</i>
<i>Asstt. Director (D.D.E.)</i>		1) <i>Sri N.. Ghosh</i>
		2) <i>Sri J. Roy</i>
<i>Sr. Scientific Officers (Deptt. of Physics.)</i>	:	1) <i>Dr. Anindya Bose</i>
		2) <i>Sri T. Sarkar</i>
		3) <i>Dr. J. Chakraborty</i>
<i>Sr. Scientific Officers (Cartographer, Geography):</i>		<i>Sri. D. P. Pahari</i>
<i>Sr. Scientific Officers (USIC)</i>	:	<i>Dr. Subhojit Karmakar</i>
<i>Instrumentation Engineer (Physics)</i>	:	<i>vacant</i>
<i>Superintendent, B.U. Press</i>	:	<i>Sri Chandan Pal</i>
<i>Co-ordinator(SC/ST Cell)</i>	:	<i>Ms. A. Rez</i>
<i>Senior Information Scientist</i>	:	<i>Dr Bikash Mukhopadhyay</i>
<i>Technical Officer</i>	:	<i>Sri Subhodip Bhaumik</i>
<i>Sports Officer</i>		<i>Dr. S. Nandi</i>
<i>Yoga Instructor</i>	:	<i>vacant</i>
<i>Publications Officer,</i>		<i>S Ghosh</i>
<i>Director, (ACE & E</i>		<i>vacant</i>
<i>Director of Distance Education</i>		
<i>Director, RTC</i>	:	<i>Prof. J. Datta</i>
<i>Director, IQAC</i>	:	<i>Prof. M. Banerjee</i>
<i>Director, VARC for Value Education & Culture :</i>		

Chandidas Mahavidyalaya, P.O. Khujutipara-731215, Dist. Birbhum, Ph. 03463-

239666(Fax)/9474614644, E-mail: nursadh@yahoo.co.in.

Sl No	Subject	Gen	SC(22%)	ST(6%)	OBC-A(10%)	OBC-B(7%)	TOTAL
1	Bengali(H)	44	18	5	8	6	81
2	English(H)	44	18	5	8	6	81
3	Pol. Science(H)	31	12	3	6	4	56
4	History(H)	40	16	4	7	5	72
5	Sanskrit(H)	40	16	4	7	5	72
6	Geography(H)	18	7	2	3	2	32
7	Mathematics(H)	18	7	2	3	2	32
8	Accountancy(H)	26	10	3	5	3	47
9	General(Arts)	475	190	52	87	61	865
10	General(Science)	148	59	16	27	19	269
11	General(Com)	87	35	10	16	11	159
12	Philosophy(H)	14	6	2	2	1	25
13	Economics(H)	14	6	2	2	1	25

Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)

**List of Affiliated degree Colleges/Institutes
(District-wise)**

Kabi Joydeb Mahavidyalaya, P.O. Illambazar-731214, Dist. Birbhum, Ph. 947410050, E-mail: kjmahavidyalaya@gmail.com.

Subject	Gen	SC(22%)	ST(6%)	OBC-A(10%)	OBC-B(7%)	TOTAL

					(1 0 %)	(7 %)		
1	Bengali(H)	2 4	9	3	4	3	4 3	
2	History(H)	2 0	8	2	4	3	3 7	
3	Sanskrit(H)	1 8	7	2	3	2	3 2	
4	General(Art s)	2 8 8	11 5	3 1	5 2	3 7	5 2 3	
5	General(Sc)	1 8	7	2	3	2	3 2	
6	Philosophy(H)	1 4	6	2	2	1	2 5	
Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)								

Purnidevi Chowdhury Girls' College, Bolpur(Behind the Circuit House), P.O. Bolpur-731204, Dist. Birbhum, Ph. 03463-253970(Fax)/9434307110, E-mail: principalsbmondal@gmail.com.

S l N o	Subject	Ge n	SC(22%)	ST(6%)	OBC- A(10%)	OBC- B(7%)	TOTA L
1	Bengali(H)	39	15	4	7	5	70
2	English(H)	31	13	3	6	4	57
3	History(H)	39	15	4	7	5	70
4	Sanskrit(H)	39	15	4	7	5	70
5	Geography(H)	17	7	2	3	2	31

6	Music.(H)	13	5	1	2	2	23
7	General(Arts)	24	97	27	44	32	444
8	Sociology(H)	22	8	3	4	3	40
9	Chemistry(G)	14	6	2	2	1	25
10	Physics(G)	14	6	2	2	1	25
11	Computer Sc.(G)	14	6	2	2	1	25
12	Maths.(G)	14	6	2	2	1	25
13	B. Sc.(G) Pure	14	6	2	2	1	25
14	B. Sc.(G) Bio	14	6	2	2	1	25
15	Physiology(G)	14	6	2	2	1	25
16	Zoology(G)	14	6	2	2	1	25
17	Botany(G)	14	6	2	2	1	25
18	Maths.(H)	14	6	2	2	1	25

Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)

Rajnagar Mahavidyalaya, P.O. Rajnagar, Dist. Birbhum-731123, Ph. 8902248225, Email : rajnagarmahavidyalaya@gmail.com.

Sl No	Subject	Gen	SC(22%)	ST(6%)	OB C-A(10%)	OBC - B(7%)	TOTAL
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1	Bengali(H)	24	9	3	4	3	43
2	History(H)	18	7	2	3	2	32
3	General(Arts)	132	53	14	24	17	240
4	Education(H)	14	6	1	2	2	25
5	English(H)	14	6	1	2	2	25
Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)							

Sailajananda Falguni Smriti Mahavidyalaya, P.O. Khayrasole- 731125, Dist. Birbhum, Ph. 03462-240306(Fax)/9434581802.

Now(2022-2023)

Sl No	Subject	Gen	SC(22%)	ST(6%)	OB C-A(10%)	OBC - B(7%)	TOTAL
1	Bengali(H)	44	18	5	8	6	81
2	English(H)	32	13	4	6	4	59
3	Philosophy(H)	23	9	3	4	3	42
4	Geography(H)	18	7	2	3	2	32
5	History(H)	44	18	5	8	6	81
6	Sanskrit(H)	32	13	4	6	4	59
7	General(Arts)	333	133	37	61	42	606
Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)							

Sambhunath College, P.O. Labpur-731303, Dist. Birbhum, Ph. 03463-266225/9434432772, E-mail: sambhunathcollege@rediffmail.com.

Sl No	Subject	Gen	SC(22%)	ST(6%)	OBC-A(10%)	OBC-B(7%)	TOTAL
1	Bengali(H)	53	21	6	10	7	97
2	English(H)	53	21	6	10	7	97
3	Pol. Science(H)	35	14	4	6	4	63
4	History(H)	53	21	6	10	7	97
5	Sanskrit(H)	53	21	6	10	7	97
6	Economics(H) (Arts/Sc)	22	9	2	4	3	40
7	Geography(H)	24	9	3	4	2	42
8	Mathematices(H) (Arts/Sc)	44	18	5	8	6	81
9	Physics(H)	20	8	2	4	2	36
10	Env. Science(H) (Self Financing)	18	7	2	3	2	32
12	Accountancy(H)	35	14	4	6	4	63
13	Philosophy(H)	18	7	2	3	2	32
14	General Arts(D)	773	309	84	141	98	1405

15	General Arts(Mor)	238	95	26	43	30	432
16	General(Science)	122	45	12	14	10	203
17	General(Com)	130	52	14	24	17	237
18	Chemistry(H)	12	4	1	2	1	20
19	Physical Education(G)	44	17	5	8	6	80
Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)							

Turku Hansda Lapsa Hemram Mahavidyalaya, Vill. Madian, P.O. Ganpur-731216, Dist. Birbhum, Ph. & Fax: 03461-262175/9474868500(Principal), E-mail: thmprincipal@gmail.com.

Sl No	Subject	Gen	SC(22%)	ST(6%)	OBC-A(10%)	OBC-B(7%)	TOTAL
1	Bengali(H)	36	15	4	7	5	67
2	English(H)	28	11	3	5	4	51
3	History(H)	32	13	3	6	4	58

4	Sanskrit(H)	24	9	3	4	3	43
5	Santali(H)	24	9	3	4	3	43
6	Mathamatics(H)	24	9	3	4	3	43
7	Geography(H)	18	7	2	3	2	32
8	General(Arts)	510	203	56	92	65	926
9	General(Science)	9	4	1	2	1	17
10	Philosophy (H)	14	6	1	2	1	24

Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)

Asleha Girls' College, P.O. Nalhati-731220, Birbhum, Ph. 9800804286/ 9433428048, Email : aslehagirlscollege@gmail.com.

Sl No	Subject	Gen	SC(22%)	ST(6%)	OBC-A(10%)	OBC-B(7%)	TOTAL
1	Bengali (H)	42	17	5	8	5	77
2	English (H)	33	13	4	6	4	60
3	Education (H)	38	15	5	7	5	70
4	Philosophy (H)	33	13	4	6	4	60
5	Pol.Science (H)	28	11	3	5	3	50
6	History (H)	36	13	4	7	5	65
7	Arabic (G)	33	13	4	6	4	60
8	Geography (H)	13	5	2	2	2	24
9	Sanskrit (H)	33	13	4	6	4	60
10	General(Arts)	318	126	35	57	41	577

Reservation of Seats for the PWD Candidates will not be less than 5% of the

intake (Categoriwise)

Sofia Girls' College, P.O. Nalhati-731220, Birbhum, Ph. 6295712454, Email :
collegesofiairls@gmail.com.

Sl No	Subject	Gen	SC(22%)	ST(6%)	OBC-A(10%)	OBC-B(7%)	TOTAL
1	Bengali (H)	42	17	5	8	5	77
2	English (H)	33	13	4	6	4	60
3	Education (H)	33	13	4	6	4	60
4	Philosophy (H)	33	13	4	6	4	60
5	Pol.Science (H)	28	11	3	5	3	50
6	History (H)	33	13	4	6	4	60
7	Arabic (G)	33	13	4	6	4	60
8	Geography (H)	12	4	1	2	1	20
9	Sanskrit (H)	33	13	4	6	4	60
10	General(Arts)	318	126	35	57	41	577

Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)

Bolpur College, P.O. Bolpur-731204, Dist. Birbhum, Ph. 03463-252290(O)/9434307145.

Now (2022-2023)

Sl No	Subject	Gen	SC(22%)	ST(6%)	OBC- A(10%)	OBC - B(7%)	TOTAL
1	Bengali(H)	57	23	6	10	7	103

2	English(H)	58	23	6	11	7	105
3	Pol. Science(H)	58	23	6	11	7	105
4	Philosophy(H)	59	24	6	11	7	107
5	History(H)	60	24	7	11	8	110
6	Sanskrit(H)	61	24	7	11	8	111
7	Economics(H) (Arts/Sc)	61	24	7	11	8	111
8	Geography(H) (Self Financed)	62	25	7	11	8	113
9	Accountancy(H) (Morning Shift)	63	25	7	11	8	114
10	Physics(H)	12	4	1	2	1	20
11	Chemistry(H)	18	7	2	3	2	32
12	Botany(H)	14	5	1	2	2	24
13	Zoology(H)	20	8	2	4	2	36
14	Mathamatics(H)	28	11	3	5	4	51
15	General(Arts)	859	344	94	156	109	1562
16	General(Science)	118	47	13	22	15	215
17	General(Com)	158	63	17	29	20	287
18	Education(H)	28	11	3	5	3	50
19	Education(G)	44	18	5	7	6	80
20	Music(G)	33	13	4	6	4	60

Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)

Abhedananda Mahavidyalaya, P.O. Sainthia-731234, Dist. Birbhum, Ph. 03462- 262292/ 6294477958, E-mail: abhedanandamahavidyalaya@gmail.com.

Now (2022-2023)

Sl N	Subject	Ge n	SC(22%)	ST(6%)	OBC-A(10)	OBC -	TOTAL
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o					%)	B(7%)	
1	Bengali(H)	53	21	6	10	7	97
2	English(H)	53	21	6	10	7	97
3	Pol. Science(H)	27	11	3	5	3	49
4	Philosophy(H)	44	18	5	8	6	81
5	History(H)	53	21	6	10	7	97
6	Sanskrit(H)	53	21	6	10	7	97
7	Economics(H)	22	9	2	4	3	40
8	Geography(H)	14	6	2	3	2	27
9	Accountancy(H)	40	16	4	7	5	72
10	Physics(H)	20	8	2	4	3	37
11	Chemistry(H)	16	6	2	3	2	29
12	Botany(H)	10	4	1	2	1	18
13	Zoology(H)	20	8	2	4	3	37
14	Mathamatics(H)	40	16	4	7	5	72
15	General(Arts)	864	346	94	157	110	1571
16	General(Science)	131	52	14	24	17	238
17	General(Com)	87	35	10	16	11	159
18	Hindi(H)	14	6	1	2	2	25

Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)

Birbhum Mahavidyalaya, P.O. Suri-731101, Dist. Birbhum, Ph. 03462-255653/259170(Fax)/9434027077, E-mail: supravatchowdhury02@gmail.com.

Sl N	Subject	Gen	SC(22%)	ST(6%)	OBC-A(10)	OBC-	TOTAL
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o					%)	B(7%)	
1	Bengali(H)	44	18	5	8	6	81
2	English(H)	40	16	4	7	5	72
3	Pol. Science(H)	35	14	4	6	4	63
4	Philosophy(H)	27	11	3	5	3	49
5	History(H)	27	11	3	5	3	49
6	Sanskrit(H)	35	14	4	6	4	63
7	Geography(H)	20	8	2	4	3	37
8	General(Arts)	415	166	45	76	53	755
9	General(Sc)	20	8	2	4	3	37

Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)

Suri Vidyasagar College, P.O. Suri-731101, Dist. Birbhum, Ph. 03462-255504/251754(Fax)/9434498738, E-mail: principal@surivcollege.org.in .

Sl No	Subject	Gen	SC(22%)	ST(6%)	OBC - A(10%)	OB C-B(7%)	TOTAL
1	Bengali(H)	53	21	6	10	7	97
2	English(H)	53	21	6	10	7	97
3	Pol. Science(H)	53	21	6	10	7	97
4	Philosophy(H)	53	21	6	10	7	97
5	History(H)	53	21	6	10	7	97

6	Sanskrit(H)	53	21	6	10	7	97
7	Economics(H) (Arts/ Science)	22	9	2	4	3	40
9	Mass Communication & Journalism(H)	22	9	2	4	3	40
10	Accountancy(H)	53	21	6	10	7	97
11	Physics(H)	25	10	3	5	3	46
12	Chemistry(H)	25	10	3	5	3	46
13	Botany(H)	25	10	3	5	3	46
14	Zoology(H)	25	10	3	5	3	46
15	Mathametics(H)	44	18	5	8	6	81
16	Micr. Bio(H)	27	11	3	5	3	49
17	Physiology(H)	22	9	2	4	3	40
18	Geography(H)	19	8	2	4	2	35
19	Arabic(H)	33	13	4	6	4	60
20	General(Day)Arts	21 6	86	24	39	28	393
21	General(Mor)Arts	93 6	375	102	170	119	1702
22	General(Science)	17 3	69	19	31	22	314
23	General(Com)	78	31	9	14	10	142
24	Physical Education(G)	44	18	5	7	6	80

Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)

Rampurhat College, P.O. Rampurhat-731224, Dist. Birbhum, Ph. 03461-255018, 7602216877.

Sl N	Subject	Ge n	SC(22%)	ST(6%)	OBC- A(10	OBC -	TOTA L
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o					%)	B(7%)	
1	Bengali(H)	53	21	6	10	7	97
2	English (H)	48	19	5	9	6	87
3	Pol. Science(H)	44	18	5	8	6	81
4	Philosophy(H)	35	14	4	6	4	63
5	History(H)	48	19	5	9	6	87
6	Sanskrit(H)	36	15	4	7	5	67
7	Economics(H)	22	9	2	4	3	40
8	Geography(H)	22	9	2	4	3	40
9	Accountancy(H)	44	18	5	8	6	81
10	Physics(H)	18	7	2	3	2	32
11	Chemistry(H)	18	7	2	3	2	32
12	Botany(H)	19	8	2	4	2	35
13	Zoology(H)	20	8	2	4	3	37
14	Mathematics(H)	40	16	4	7	5	72
15	General(Day)Art s	96 4	386	105	175	122	1752
16	General(Mor)Art s	61 7	246	67	112	78	1120
17	General(Science)	11 2	44	12	20	14	202
18	General(Com)	9	3	1	2	2	17
19	Education(H)	14	6	2	2	1	25
20	Music(H)	14	6	2	2	1	25
21	Comp.Sc. (Gnl)	22	9	2	4	3	40
Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)							

Sl No	Subject	Gen	SC(22%)	ST(6%)	OBC -A (10%)	OBC -B(7%)	TOTAL
1	Bengali (H)	49	20	5	9	6	89
2	English(H)	44	18	5	8	6	81
3	Pol. Science(H)	39	16	4	7	5	71
4	Philosophy(H)	35	14	4	6	4	63
5	History(H)	49	20	5	9	6	89
6	Sanskrit(H)	19	8	2	4	2	35
7	Accountancy(H)	35	14	4	6	4	63
8	Geography(H)	18	7	2	3	2	32
9	General(Day) Arts	584	233	64	106	74	1061
10	General(Mor) Arts	451	180	49	82	58	820
11	General(Com)	127	51	14	23	16	231
12	Physics(G)	22	9	2	4	3	40
13	Coputer Sc.(G)	22	9	2	4	3	40
14	Maths.(G) B.A. & B. Sc.	22	9	2	4	3	40
15	B. Sc.(G)	22	9	2	4	3	40
Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)							

Kabi Nazrul College, P.O. Murarai-731219, Dist. Birbhum, Ph. 03465-252202/252717(Fax)/9002250077, E-mail: info@kabinazrulcollege.org.

Sl No	Subject	Gen	SC(22%)	ST(6%)	OBC-A(10%)	OBC-B(7%)	TOTAL
1	Bengali(H)	47	19	5	9	6	86
2	English(H)	42	18	5	8	6	79
3	Pol. Science(H)	31	12	3	6	4	56
4	History(H)	44	18	5	8	6	81
5	Geography(H)	14	6	2	3	2	27
6	Accountancy(H)	22	9	2	4	3	40
7	General(Arts)	914	364	99	165	116	1658
8	General(Sc)	36	15	4	7	5	67
9	General(Com)	65	26	7	12	8	118
10	Philosophy (H)	14	5	2	2	2	25
11	Envs (Gnl)	14	5	2	2	2	25
Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)							

Krishna Chandra College, P.O. Hetampur-731124, Dist. Birbhum, Ph. 03462-270236(Fax)/9434015200, E-mail: principalkcollege@yahoo.com.

Sl No	Subject	Gen	SC(22%)	ST(6%)	OBC-A(10%)	OBC-B(7%)	TOTAL
1	Bengali(H)	51	20	5	9	6	90
2	English(H)	44	17	5	8	6	80
3	Pol. Science(H)	34	14	4	6	4	62
4	Philosophy(H)	34	14	4	6	4	62
5	History(H)	43	17	5	8	6	79
6	Sanskrit(H)	43	17	5	8	6	79

7	Economics(H)	17	7	2	3	2	31
8	Geography(H)	18	7	2	3	3	33
9	Education(H)	30	12	3	5	4	54
10	Physics(H)	18	8	2	4	2	34
11	Chemistry(H)	27	11	3	5	3	49
12	Botany(H)	18	8	2	4	2	34
13	Zoology(H)	18	8	2	4	2	34
14	Mathematics(H)	28	11	3	5	3	50
15	General(Arts)	662	265	72	120	84	1203
16	General(Science)	102	41	11	19	13	186
17	General(Com)	72	29	8	13	9	131
18	Education(G)	33	13	4	6	4	60
Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)							

Burdwan District

Burdwan Raj College, P.O. & Dist. Purba Bardhaman-713104, Ph. 0342- 2567787/8670369082, E-mail : Principalbrc@radifmail.com.

SL. No	Subject	Gen	SC(22%)	ST(6%)	OBC-A(10%)	OBC-B(7%)	TOTAL
1	Bengali(H)	58	23	6	11	7	105
2	English(H)	58	23	6	11	7	105
3	Pol.Sc.(H)	40	16	4	7	5	72
4	Philosophy(H)	40	16	4	7	5	72
5	History(H)	58	23	6	11	7	105
6	Sanskrit(H)	53	21	6	10	7	97

7	Sociology(H)	49	20	5	9	6	89
8	Econ(H)Arts and Sc.	40	16	4	7	5	72
9	Geography(H) Arts and Sc.	22	9	2	4	3	40
10	Physics(H)	27	11	3	5	3	49
11	Chemistry(H)	31	12	3	6	4	56
12	Maths(H)	58	23	6	11	7	105
13	Zoology(H)	27	11	3	5	3	49
14	Botany(H)	27	11	3	5	3	49
15	Finance(H)	18	7	2	3	2	32
16	Accountancy(H)	144	58	16	26	18	262
17	Electronics(H)	14	6	2	3	2	27
18	General(Day)Arts	307	123	34	56	39	559
19	General(M)Arts	478	191	52	87	61	869
20	General(Sc)	342	137	37	62	44	622
21	General(Com)	480	192	52	87	61	872
22	Music(H)	14	6	1	2	2	25
23	Education(H)	14	6	1	2	2	25
24	Comp.Sc.(H)	8	3	1	2	1	15
25	Hindi(H)	39	15	5	7	4	70
26	Anthropology(H)	11	5	1	2	1	20
27	BBA(H)	39	15	4	7	5	70
28	BCA(H)	39	15	4	7	5	70

Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)

2533168/2531900/9434062597, Email: gbodhon@gmail.com, Website: mucburdwan.org.

Sl No	Subject	Gen	SC(22%)	ST(6%)	OBC-A(10%)	OBC-B(7%)	TOTAL
1	Bengali(H)	53	21	6	10	7	97
2	English(H)	53	21	6	10	7	97
3	Philosophy(H)	44	18	5	8	6	81
4	History(H)	53	21	6	10	7	97
5	Sanskrit(H)	53	21	6	10	7	97
6	Geography(H)Arts and Sc.	31	12	3	6	4	56
7	Econ(H)Arts and Sc.	35	14	4	6	4	63
8	Pol.Sc.(H)	40	16	4	7	5	72
9	Physics(H)	20	8	2	4	3	37
10	Chemistry(H)	20	8	2	4	3	37
11	Maths(H)	44	18	5	8	6	81
12	Zoology(H)	20	8	2	4	3	37
13	Botany(H)	20	8	2	4	3	37
14	Microbiology(H)	22	9	2	4	3	40
15	Nutrition(H)	18	7	2	3	2	32
16	General(Day)Arts	172	68	19	31	22	312
17	General(M)Arts	432	173	47	79	55	786
18	General(Sc)	72	29	8	13	9	131
19	Comp.Sc.(H)	14	6	1	2	2	25
20	BCA(H)	17	6	2	3	2	30
21	MassCom.(G)	22	9	2	4	3	40
22	Nutrition(G.E.)						

Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)

Syamsundar College, Vill.&P.O. Shyamsundar-713424, Dist. Purba Bardhaman, Ph. 03451-260226/260016(Fax)/ 9434014440, Email: info@syamsundarcollege.com.

Sl No	Subject	Gen	SC(22 %)	ST(6 %)	OBC-A(10 %)	OBC - B(7 %)	TOTAL
1	Bengali(H)	48	19	5	9	6	87
2	English(H)	44	18	5	8	6	81
3	Pol.Sc.(H)	32	13	3	6	4	58
4	History(H)	40	16	4	7	5	72
5	Sanskrit(H)	48	19	5	9	6	87
6	Geography(H)	18	7	2	3	2	32
7	Education(H)	20	8	2	4	3	37
8	Physics(H)	16	6	2	3	2	29
9	Chemistry(H)	24	9	3	4	3	43
10	Maths(H)	36	15	4	7	5	67
1	Zoology(H)	14	6	2	3	2	27

1							
1 2	Botany(H)	14	6	2	3	2	27
1 3	Envir.Sc.(H)	11	4	1	2	1	19
1 4	Accountancy(H)	36	15	4	7	5	67
1 5	General(Day)Ar ts	43 8	176	48	80	56	798
1 6	General(M)Arts	35 6	143	39	65	45	648
1 7	General(Sc)	19 7	79	22	36	25	359
1 8	General(Com)	12 7	51	14	23	16	231
1 9	Philosophy(H)	14	6	1	2	2	25
2 0	Music(G)	44	18	9	8	5	84
2 1	DefenseStudies (G)	44	18	9	8	5	84
Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)							

Vivekananda Mahavidyalaya, P.O. Sripalli, Dist. Purba Bardhaman-713103, Ph. 0342-2646916/2541208, 9433412008(Principal), E-mail : vmprincipal2012@gmail.com, Website : www.vmbdn.in.

Sl No	Subject	Gen	SC(22%)	ST(6%)	OBC-A(10%)	OBC-B(7%)	TOTAL
1	Bengali(H)	53	21	6	10	7	97
2	English(H)	53	21	6	10	7	97
3	Pol.Sc.(H)	49	20	5	9	6	89
4	History(H)	49	20	5	9	6	89
5	Sanskrit(H)	44	18	5	8	6	81
6	Philosophy(H)	22	9	2	4	3	40
7	Geography (H) Arts and Sc.	25	10	3	5	3	46
8	Econ(H) Arts and Sc.	27	11	3	5	3	49
9	MassComm.& Journal.(H)	18	7	2	3	2	32
10	Physics(H)	21	8	2	4	3	38
1	Chemistry(H)	27	11	3	5	3	49

1							
1 2	Maths(H)	44	18	5	8	6	81
1 3	Zoology(H)	25	10	3	5	3	46
1 4	Botany(H)	18	7	2	3	2	32
1 5	Statistics(H)	14	6	2	3	2	27
1 6	Microbiology(H)	30	12	3	5	4	54
1 7	General(Day) Arts	18 0	72	20	33	23	328
1 8	General(M) Arts	54 0	216	59	98	69	982
1 9	General(Sc)	27 9	112	30	51	36	508

Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)

255105/257635(Fax)/9474489962(Principal), E-mail: guskaramahavidyalaya@yahoo.in.

Sl No	Subject	Gen	SC(22 %)	ST(6 %)	OBC-A(10 %)	OBC - B(7 %)	TOTAL
1	Bengali(H)	44	18	5	8	6	81
2	English(H)	44	18	5	8	6	81
3	Pol.Sc.(H)	35	14	4	6	4	63
4	Philosophy(H)	44	18	5	8	6	81
5	History(H)	44	18	5	8	6	81
6	Sanskrit(H)	44	18	5	8	6	81
7	Geography(H)	18	7	2	3	2	32
8	Physics(H)	20	8	2	4	3	37
9	Chemistry(H)	18	7	2	3	2	32
10	Maths(H)	22	9	2	4	3	40
11	Zoology(H)	16	6	2	3	2	29
12	Botany(H)	16	6	2	3	2	29
13	Accountancy(H)	44	18	5	8	6	81
14	General(Day) Arts	399	160	44	73	51	727
15	General(M) Arts	552	221	60	100	70	1003
16	General(Sc)	110	44	12	20	14	200
1	General(Com)	11	44	12	20	14	200

7		0					
18	Economics(H) BA	8	3	1	2	1	15
19	Economics(H) B.Sc.	5	2	1	1	1	10
20	Nutrition(H)	14	6	2	2	1	25
21	Music(H)	28	11	3	4	4	50

Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)

Kalna College, P.O. Kalna-713409, Dist. Purba Bardhaman, Ph. 03454- 255032/9434890245, E-mail: kalnacollege@gmail.com, Website: www.kalnacollege.info.

Sl No	Subject	Gen	SC(22 %)	ST(6 %)	OBC- A(10 %)	OBC - B(7 %)	TOTA L
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1	Bengali(H)	61	24	7	11	8	111
2	English(H)	61	24	7	11	8	111
3	Pol.Sc.(H)	44	18	5	8	6	81
4	Philosophy(H)	53	21	6	10	7	97
5	History(H)	58	23	6	11	7	105
6	Sanskrit(H)	61	24	7	11	8	111
7	Econ(H)	22	9	2	4	3	40
8	Geography(H)	21	7	2	2	2	34
9	Physics(H)	16	6	2	3	2	29
10	Chemistry(H)	18	7	2	3	2	32
11	Maths(H)	35	14	4	6	4	63
12	Zoology(H)	12	5	1	2	1	21
13	Botany(H)	12	4	1	1	1	19
14	Accountancy(H)	53	21	6	10	7	97
15	General(Day) Arts	540	216	59	98	69	982
16	General(M) Arts	396	159	43	72	50	720
17	General(Sc)	185	74	20	34	24	337
18	General(Com)	174	70	19	32	22	317
19	Education(H)	14	6	2	2	1	25

20	Physical Education(G)	33	13	4	6	4	60
21	Sociology(G)	33	13	4	6	4	60
Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)							

Katwa College, P.O. Katwa-713130, Dist. Purba Bardhaman, Ph. 03453- 255049/9749110550, E-mail: Katcoll2009@gmail.com, Website: www.katwacollege.ac.in.

Sl No	Subject	Gen	SC (22%)	ST (6%)	OBC-A (10%)	OBC-B (7%)	TOTAL
1	Bengali(H)	55	22	6	10	7	100
2	English(H)	55	22	6	10	7	100
3	Pol.Sc.(H)	44	18	5	8	6	81
4	Philosophy(H)	40	16	4	7	6	73
5	History(H)	51	21	6	10	7	95

6	Econ(H)	18	7	2	2	6	35
7	Sanskrit(H)	47	19	5	9	6	86
8	Geography(H)	22	9	2	4	3	40
9	Physics(H)	22	9	2	4	3	40
10	Chemistry(H)	23	9	3	4	3	42
11	Maths(H)	55	22	6	10	7	100
12	Zoology(H)	22	9	2	4	3	40
13	Botany(H)	22	9	2	4	3	40
14	Physiology(H)	24	10	3	4	3	44
15	Accountancy(H))	44	18	5	8	6	81
16	General(Day) Arts	906	362	100	165	115	1648
17	General(M) Arts	495	198	54	90	63	900
18	General(Eve) Arts	166	65	18	29	21	299
19	General B.Sc. Bio	67	26	7	12	8	120
20	General B.Sc. Pure	66	26	7	12	9	120
21	General(Com)	14	6	1	2	2	25
Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)							

Memari College, P.O. Memari-713146, Dist. Purba Bardhaman, Ph. 0342-2250589(Fax)/9434839968,
E-mail: info@memaricollege.org.

Sl No	Subject	Gen	SC (22%)	ST(6%)	OBC-A(10%)	OBC - B(7%)	TOTAL
1	Bengali(H)	52	21	6	9	7	95
2	English(H)	52	21	6	9	7	95
3	Pol.Sc.(H)	44	18	5	8	6	81
4	Philosophy(H)	52	21	6	9	7	95
5	History(H)	52	21	6	9	7	95
6	Geography(H)	27	11	3	5	3	49
7	Econ(H)	22	9	2	4	3	40
8	Education(H)	32	13	3	6	4	58
9	Sanskrit(H)	32	13	3	6	4	58
10	Mass Comm.& Journal.(H)	11	4	1	2	1	19
11	Music(H)	16	6	2	3	2	29
12	Computer Sc.(H)	25	10	3	5	3	46
13	Maths(H)	36	15	4	7	5	67
14	Physics(H)	6	2	1	1	1	11

15	Accountancy(H)	60	24	7	11	8	110
16	General (Day) Arts	452	180	49	82	57	820
17	General(M) Arts	527	211	58	96	67	959
18	General(Sc)	34	14	4	6	4	62
19	General(Com)	154	62	17	28	20	281
20	Botany(H)	9	4	1	2	1	17
21	Chemistry(H)	8	3	1	2	1	15
22	Nutrition(H)	14	5	2	3	1	25

Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)

Chandrapur College, P.O. Chandrapur-713145, Dist. Purba Bardhaman, Ph. 0342-2752122/9433474363(Principal), E-mail: chandrapur@gmail.com, Website: chandrapurcollege.ac.in.

Sl No	Subject	Gen	SC(22%)	ST(6%)	OBC-A(10%)	OBC-B(7%)	TOTAL
1	Bengali(H)	47	19	5	9	6	86
2	English(H)	33	13	4	6	4	40
3	History(H)	44	18	5	8	6	81
4	Geography(H)	25	10	3	5	4	47
5	Philosophy(H)	22	9	2	4	3	40
6	Sanskrit(H)	27	11	3	5	3	49
7	Pol.Sc.(H)	18	7	2	3	2	32
8	Accountancy(H)	44	18	5	8	6	81
9	General(Arts)	360	144	39	66	46	655
10	General(Sc)	29	11	3	5	4	52
11	General(Com)	174	70	19	32	22	317
12	Education(H)	24	10	3	4	3	44
13	MassCom.&Jurna.	14	6	1	2	2	25
14	Education(G)	33	13	4	6	4	60

Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)

Dr. Gour Mohan Roy College, P.O. Monteswar-713145, Dist. Purba Bardhaman, Ph. 0342-2750548(Fax)/9475057554, E-mail: drgmroycollege@gmail.com, Website: monteswardrgmroycollege.com.

Sl No	Subject	Gen	SC(22%)	ST(6%)	OBC -A (10%)	OBC -B (7%)	TOTAL
1	Bengali(H)	44	18	5	8	6	81
2	English(H)	49	20	5	9	6	89
3	History(H)	48	19	5	9	6	87
4	Pol.Sc.(H)	49	20	5	9	6	89
5	Philosophy(H)	49	20	5	9	6	89

6	Sanskrit(H)	44	18	5	8	6	81
7	Geography(H)	20	8	2	4	3	37
8	Accountancy(H)	35	14	4	6	4	63
9	General(Arts)	68	274	75	125	87	1245
10	General(Com)	96	38	10	17	12	173
11	Sociology(H)	16	6	2	3	2	29
12	Education(H)	16	6	2	3	2	29
13	Physical Education(G)	33	13	4	6	4	60
14	Sociology(G)	33	13	4	6	4	60
15	Education(G)	33	13	4	6	4	60
Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)							

Mankar College, P.O. Mankar-713144, Dist. Purba Bardhaman, Ph. & Fax: 0343-2517269/9475174798, Email: principal@mankarcollege.ac.in, Website: www. Mankarcollege.org.

Sl No	Subject	Gen	SC(22 %)	ST(6 %)	OBC-A(10 %)	OBC - B(7 %)	TOTAL
1	Bengali(H)	40	16	4	7	5	72
2	English(H)	40	16	4	7	5	72
3	Pol.Sc.(H)	18	7	2	3	2	32
4	History(H)	18	7	2	3	2	32
5	Geography(H)	22	9	2	4	3	40
6	Hindi(H)	27	11	3	5	3	49
7	Sanskrit(H)	22	9	2	4	3	40
8	Philosophy(H)	22	9	2	4	3	40
9	ComputerSc.(H)	27	11	3	5	3	49
10	Maths(H)	18	7	2	3	2	32
11	Accountancy(H)	31	12	3	6	4	56
12	General(Arts)	372	149	41	68	47	677
13	General(Com)	54	21	6	10	7	98
14	Santali(H)	14	4	2	3	2	25
1	General(Sc.)	24	8	3	3	2	40

5							
16	Nutrition(H)	14	4	2	3	2	25
17	Chemistry(G)	9	3	1	1	1	15
Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)							

Dr. Bhupendra Nath Dutta Smriti Mahavidyalaya, P.O. Hatgobinda pur-713407, Dist. Purba Bardhaman, Ph. 0342-2584960/2584616(Fax)/ 9434224453 (Principal), E-mail: bhupendranathdutta@yahoo.com.

Sl No	Subject	Gen	SC(22%)	ST(6%)	OBC-A(10%)	OBC-B(7%)	TOTAL
1	Bengali(H)	44	18	5	8	6	81

2	English(H)	35	14	4	6	4	63
3	Pol.Sc.(H)	27	11	3	5	3	49
4	History(H)	44	18	5	8	6	81
5	Geography(H)	19	8	2	2	2	33
6	Sanskrit(H)	31	12	3	6	4	56
7	Philosophy(H)	22	9	2	4	3	40
8	MassComm .& Joual.(H)	18	7	2	3	2	32
9	Music(H)	14	6	2	3	2	27
1 0	Maths(H)	22	9	2	4	3	40
1 1	Zoology(H)	9	4	1	2	1	17
1 2	Nutrition(H)	14	6	2	3	2	27
1 3	Chemistry(H)	9	4	1	2	1	17
1 4	Botany(H)	11	4	1	2	1	19
1 5	Accountancy(H)	31	12	3	6	4	56
1 6	General (Day) Arts	39 8	159	43	72	51	723
1 7	General(M) Extended	25 2	101	28	46	32	459
1 8	General(Sc)	80	32	9	14	10	145
1 9	General(Com)	78	31	9	14	10	142

Reservation of Seats for the PWD Candidates will not be less than 5% of the intake

(Categoriwise)

Kandra Radha Kanta Kundu Mahavidyalaya, P.O. Kandra-713129, Dist. Purba Bardhaman, Ph. 03453-273372(Fax)/9434249709, Website: www.kandrarkm .org.

Sl No	Subject	Gen	SC(2%)	ST(6%)	OB C-A(10%)	OB C-B(7%)	TOTAL	Remarks
1	Bengali(H)	44	17	5	8	6	80	
2	History(H)	44	18	5	8	6	81	
3	Geography(H)	24	9	3	5	4	45	
4	English(H)	39	15	4	7	5	70	
5	Sanskrit(H)	30	12	3	6	4	55	
6	General(Arts)	857	343	93	155	109	1557	

7	Education(H)	2 5	10	3	5	3	46
8	MassCom .& J(H)	1 6	7	2	3	2	30
9	Chemistry(G)	2 2	9	2	4	3	40
1 0	Physics(G)	2 2	9	2	4	3	40
1 1	Math.(G)	3 3	13	4	6	4	60
1 2	Maths.(H)	1 6	7	2	3	2	30
1 3	B.Sc.(G)	3 3	13	4	6	4	60
1 4	Physical Education(G)	4 4	17	5	8	6	80
1 6	Economics(H) B.A.& B.Sc.	1 4	5	2	2	2	25
1 7	Geography(G) B.A. & B.SC	1 9	8	2	4	2	35
1 9	Philosophy(H)	1 4	5	2	2	2	25
2 0	Zoology(Gnl)	1 4	5	2	2	2	25
2 1	Botany(Gnl)	1 4	5	2	2	2	25
2 2	Economics(Gnl)B.A & B.Sc.	1 9	8	2	4	2	35

Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)

Galsi Mahavidyalaya, P.O. Galsi-713406, Dist. Purba Bardhaman, Ph. 0342-2450061/9433376142(Principal), E-mail : Galsimahavidyalaya2007@gmail. Com, Website: www.galsimahavidyalaya.com.

Sl No	Subject	Gen	SC(22%)	ST(6%)	OBC-A (10%)	OBC-B (7%)	TOTAL
1	English(H)	36	15	4	7	5	67
2	Bengali(H)	32	13	3	6	4	58
3	History(H)	36	15	4	7	5	67
4	Sanskrit(H)	32	13	3	6	4	58
5	Philosophy(H)	18	7	2	3	2	32
6	Pol.Science	14	6	2	2	1	25
7	General(Arts)	56	227	62	103	72	1030

Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)

Jamalpur Mahavidyalaya, P.O. Jamalpur-713408, Dist. Purba Bardhaman, Ph. 03451-288078/9932394793, E-mail: jamalpurmv@gmail.com.

Sl No	Subject	Gen	SC(22%)	ST(6%)	OBC-A(10%)	OBC-B(7%)	TOTAL
1	Bengali(H)	28	11	3	5	3	50
2	History(H)	28	11	3	5	3	50
3	English(H)	22	9	2	4	3	40
4	Pol.Sc.(H)	22	9	2	4	3	40
5	General(Arts)	216	86	24	39	28	393
6	Sanskrit(H)	28	11	3	5	3	50
7	Philosophy(H)	22	9	2	4	3	40
Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)							

Purbasthali College, Vill&P.O. Parulia-713513, Dist. Purba Bardhaman, Ph. 03454-264666/7407241480.

Sl No	Subject	Gen	SC(22%)	ST(6%)	OBC-A(10%)	OBC-B(7%)	TOTAL
1	Bengali(H)	31	12	3	6	4	56

2	History(H)	31	12	3	6	4	56
3	Education(H)	19	7	2	3	2	33
4	Sanskrit(H)	22	9	2	4	3	40
5	Philosophy(H)	20	8	2	4	3	37
6	General(Arts)	61 1	244	67	111	78	1111

Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)

Sir Rashbehari Ghosh Mahavidyalaya, P.O. Ukhrid Khandaghosh, Dist. Purba Bardhaman, Ph. 03451-259250.

Sl No	Subject	Gen	SC(22%)	ST(6%)	OBC-A(10%)	OBC-B(7%)	TOTAL
1	English(H)	25	10	3	5	3	46
2	History(H)	25	10	3	5	3	46
3	Pol.Sc.(H)	18	7	2	3	2	32
4	Sanskrit(H)	18	7	2	3	2	32
5	Bengali(H)	18	7	2	3	2	32
6	General(Arts)	11 8	47	13	22	15	215
7	Philosophy(H)	14	6	2	2	1	25
8	Education(G)	33	13	4	6	4	60

Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)

Padmaja Naidu College of Music							
Sl No	Subject	Gen	SC(22%)	ST(6%)	OBC-A(10%)	OBC-B(7%)	TOTAL
1	Rabindra Sangeet(H)	29	11	3	5	4	52
2	Classical Vocal Music(H)	29	11	3	5	4	52
3	General(Arts)	48	19	5	9	6	87
Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)							

Acharya Sukumar Sen Mahavidyalaya, P.O. Gotan, Dist. Purba Bardhaman, Ph. 8436469216.

Sl No	Subject	Gen	SC(22%)	ST(6%)	OBC-A(10%)	OBC-B(7%)	TOTAL
1	General(Arts)	199	80	22	36	25	362
2	Education(H)	18	7	2	4	3	34
3	Bengali(H)	19	8	2	4	2	35
4	History(H)	17	7	2	3	1	30
5	Sanskrit(H)	19	8	2	4	2	35
6	English(H)	17	7	2	3	1	30
7	Geography(G)	16	7	2	3	2	30
8	Philosophy(G)	33	13	4	6	4	60
9	Music(gnl)	14	5	2	2	2	25

Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)

Tehatta Sadananda Mahavidyalaya, P.S. Kalna, P.O. Tehatta, Dist. Purba Bardhaman.

Sl No	Subject	Gen	SC(22%)	ST(6%)	OBC-A(10%)	OBC-B(7%)	TOTAL
1	General(Arts)	163	65	18	30	21	297
2	Bengali(H)	30	12	3	6	4	55
3	Philosophy(H)	19	8	2	4	2	35
4	Sanskrit(H)	22	9	2	4	3	40
5	Pol.Sc.(G)	33	13	4	6	4	60
6	Geography(H)	17	7	2	3	2	31
7	History(H)	19	8	2	4	2	35
8	Education(H)	19	8	2	4	2	35
Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)							

Dasarathi Hazra Memorial College, Vill. & P.O. Bhatar, Dist. Purba Bardhaman, Ph. 9475071616, Email: inamurahaman1@gmail.com.

Sl No	Subject	Gen	SC(22%)	ST(6%)	OBC-A(10%)	OBC-B(7%)	TOTAL
1	General(Arts)	463	186	50	89	60	848
2	Bengali(H)	28	11	3	5	4	51

3	English(H)	23	8	3	4	2	40
4	Education(H)	25	10	3	4	3	45
5	Sanskrit(H)	19	8	2	4	2	35
6	History(H)	22	9	2	4	3	40
7	Philosophy(G)	33	13	4	6	4	60
8	Physical Education(G)	33	13	4	6	4	60
9	Geography(G)	23	8	3	4	2	40
Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)							

Govt. General Degree College, Mangalkote, Vill. Khudrun, Panchanantala, P.O. Mathrun, Dist. Purba Bardhaman-713143, Ph. 9232382889(OIC).

S l N o	Subject	Gen	SC(2 2%)	ST(6 %)	OBC - A(1 0%)	OB C- B(7 %)	TOT AL
1	Bengali(H)	1 4	6	2	2	1	25
2	English(H)	1 4	6	2	2	1	25
3	Pol.Sciences(H)	1 4	6	2	2	1	25
4	Sociology(H)	1 4	6	2	2	1	25

5	Zoology(H)	1 4	6	2	2	1	25
6	Botany(G)	2 2	8	2	4	4	40
7	Chemistry(G)	2 2	8	2	4	4	40
8	History(H)	1 4	6	2	2	1	25
9	General(Arts)	1 6 3	60	16	19	14	272
10	Science(G)	2 2	8	2	4	4	40

Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)

Govt.General Degree College-Mongolkote Now (2022-2023)

o					%)	B(7 %)	
1	English(H)	39	15	4	7	5	70
2	Sociology(H)	26	10	3	5	3	47
3	Geography(H)	22	9	2	4	3	40
4	Comp.Science(H)	22	9	2	4	3	40
5	Bio-Technology(H)	20	8	3	4	3	38
6	Accountancy(H)	33	13	4	6	4	60
7	B.C.A.(H)	22	8	2	4	4	40
8	B.B.A.(H)	28	11	3	5	3	50

Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)

Govt. General Degree College, Kalna-I, Vill. Muragacha, P.O. Medhgachi, Dist. Purba Bardhaman-713405, Ph. 9732064468/ 7278614341(OIC), E-mail : krish_dutt@yahoo.co.in, govt.collegekalna1@gmail.com.

Sl N o	Subject	Ge n	SC(22 %)	ST(6 %)	OBC- A(10 %)	OBC - B(7 %)	TOTA L
1	Bengali(H)	17	7	2	3	2	31
2	English(H)	17	7	2	3	2	31
3	Sanskrit(H)	17	7	2	3	2	31
4	Education(H)	17	7	2	3	2	31
5	History(H)	17	7	2	3	2	31
6	Mathematics(H)	14	6	2	2	1	25

	H)						
7	Accountancy(H)	14	6	2	2	1	25
8	Chemistry(H)	8	3	1	2	1	15
9	Physics(H)	8	3	1	2	1	15
10	Philosophy(H)	17	7	2	3	2	31
11	General(Arts)	163	60	16	19	14	272
12	B. Sc.(G)	14	6	1	2	2	25
13	B. Com.(G)	22	9	2	4	3	40
Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)							

Hooghly District

A.K.P.C. Mahavidyalaya, Subhasnagar, P.O. Bengai-712611, Dist. Hooghly, Ph. 03211-246235/246772(Fax)/9434345586, E-mail: info@akpcmahavidyalaya.org.

Sl No	Subject	Gen	SC(22%)	ST(6%)	OBC-A (10%)	OBC-B(7%)	Total
1	Bengali(H)	58	23	6	11	7	105
2	English(H)	44	18	5	8	6	81

3	Sanskrit(H)	5 8	23	6	11	7	10 5
4	History(H)	5 3	21	6	10	7	97
5	Pol.Sc(H)	4 9	20	5	9	6	89
6	Philosophy(H)	4 9	20	5	9	6	89
7	Geography(H)	1 8	7	2	3	2	32
8	Education(H)	3 3	13	4	6	4	60
9	Music(H)	1 8	7	2	3	2	32
10	Accountancy i. Financial Accounting ii. Cost Accounting (H)	5 3	21	6	10	7	97
11	Physics(H)	1 9	8	2	4	2	35
12	Chemistry(H)	1 9	8	2	4	2	35
13	Mathematics(H)	3 7	15	4	7	4	67
14	Environmental Sc	1 8	7	2	3	2	32
15	Nutrition(H)	1 9	8	2	4	2	35
16	Zoology(H)	1 6	7	2	3	2	30
17	Sociology(H)	1 6	7	2	3	2	30

18	Mass Communication & Journalism(H)	11	4	1	2	1	19
19	General(Arts)	504	202	55	92	64	917
20	General(Sc)	76	30	8	14	10	138
21	General(Com)	122	49	13	22	15	221
22	Education (Gnl)	33	13	4	6	4	60
23	Music(Gnl)	44	18	5	8	6	80
24	Envs (Gnl)	19	8	2	4	2	35
25	Santali (H)	19	8	2	4	2	35

Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)

B.N. Mahavidyalaya, P.O. Itachuna-712147, Dist. Hooghly, Ph. 03213-272275, 9434482261, E-mail: bnmv2012@yahoo.in.

S l N o	Subject	Gen	SC(22 %)	ST(6 %)	O B C- A (1	OB C- B(7 %)	Tot al
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					0 %)		
1	Bengali(H)	48	19	5	9	6	87
2	English(H) Morn & Day	95	38	10	17	12	172
3	Sanskrit(H)	48	19	5	9	6	87
4	History(H)	48	19	5	9	6	87
5	Pol.Sc(H)	39	15	4	7	5	70
6	Philosophy (H)	39	15	4	7	5	70
7	Economics (H)	32	13	3	6	4	58
8	Physics(H)	26	10	3	5	3	47
9	Chemistry(H)	22	9	2	4	3	40
1 0	Math.(H)	33	13	4	6	4	60
1 1	Botany(H)	18	7	2	3	2	32
1 2	Nutrition(H)	18	7	2	3	2	32
1 3	Zoology(H)	18	7	2	3	2	32
1 4	General(D)	37 8	151	41	69	48	687
1 5	General(M)	57 6	231	63	10 5	73	104 8
1 6	General(Sc) Pure & Bio	11 0	44	12	20	14	200

17	General(Com)	79	32	9	14	10	144
18	Santali (Gnl)	33	13	4	6	4	60
Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)							

Balagarh B.K. Mahavidyalaya, P.O. Balagarh-712501, Dist. Hooghly, Ph. 03213-260288/9830343752.

Sl No	Subject	Gen	SC(22%)	ST(6%)	OBC-A (10%)	OBC-B(7%)	Total
1	Bengali(H)	41	18	4	7	5	75
2	Political Sc.(H)	35	14	4	6	4	63
3	History(H)	35	14	4	6	4	63
4	Math.(H)	17	7	2	3	2	31
5	Accountancy(H)	22	9	2	4	3	40
6	General(D)Arts	465	186	51	85	59	846

7	General(M)Arts	136	55	15	25	17	248
8	GeneralSc)	43	17	5	8	6	79
9	General(Com)	131	52	14	24	17	238
10	English (H)	21	8	2	4	3	38
11	Sanskrit (H)	14	6	1	2	2	25
12	Chemistry (H)	8	3	1	2	1	15
13	Phy.Edu (Gnl)	44	17	5	8	6	80
14	Geography (H)	13	5	1	3	2	24

Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)

Chandernagore College, P.O. Chandernagore- 712136, Dist. Hooghly, Ph. 033-26835290/9007433883 E-mail : collegechandernagore5290@gmail.com.

Sl No	Subject	Gen	SC(22%)	ST(6%)	OBC -A (10%)	OBC -B(7%)	Total
1	Bengali(H)	36	15	4	7	5	67
2	English(H)	36	15	4	7	5	67
3	Sanskrit(H)	34	13	4	6	4	61
4	History(H)	34	13	4	6	4	61
5	Pol.Sc.(H)	34	13	4	6	4	61
6	Philosophy(H)	34	13	4	6	4	61
7	French(H)	17	7	2	3	2	31
8	Sociology(H)	16	6	2	3	2	29
9	Economics(H)	24	9	3	4	3	43
10	Geography (BA)(H)	34	13	4	6	4	61
11	Geography (B.Sc)(H)	4	2	0	1	1	8
12	Education(H)	18	7	2	3	2	32
13	Physics(H)	23	9	3	4	3	42
14	Chemistry(H)	22	9	2	4	3	40
15	Math.(H)	28	11	3	5	4	51
16	Botany(H)	18	7	2	3	2	32
17	Comp. science(H)	8	3	1	2	1	15
18	Zoology(H)	18	7	2	3	2	32

19	Environmental Science(H)	10	4	1	2	1	18
20	Accountancy(H)	53	21	6	10	7	97
21	General(A)	174	70	19	32	22	317
22	General(Sc) Bio	18	7	2	3	2	32
23	General(Com)	48	19	5	9	6	87
24	General(Sc)Pur e	18	7	2	3	2	32

Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)

Hooghly Mohsin College, P.O. Chinsurah-712101, Dist. Hooghly, Ph. 033-26802252/9836580926/9433111553,
E-mail: hooghlymohsincollege@gmail.com.

Sl No	Subject	Gen	SC(22 %)	ST(6 %)	OB C-A (10 %)	OB C- B(7 %)	Total
1	Bengali(H)	30	12	3	6	4	55
2	English(H)	32	13	3	6	4	58
3	Sanskrit(H)	30	12	3	6	4	55
4	History(H)	30	12	3	6	4	55
5	Pol.Sc.(H)	40	16	4	7	5	72
6	Philosophy(H)	30	12	3	6	4	55
7	Urdu(H)	36	15	4	7	5	67
8	Economics(Arts)(H)	17	7	2	3	2	31
9	Physics(H)	24	9	3	4	3	43

10	Chemistry(H)	24	9	3	4	3	43
11	Math.(H)	26	10	3	5	3	47
12	Botany(H)	22	9	2	4	3	40
13	Physiology(H)	22	9	2	4	3	40
14	Zoology(H)	16	6	2	3	2	29
15	Geology(H)	12	5	1	2	2	22
16	Economics(Science) (H)	4	2	0	1	1	8
17	Accountancy(H)	35	14	4	6	4	63
18	General(A)	33 9	136	37	62	43	617
19	General(Sc)	58	23	6	11	7	105
20	General(Com)	79	32	9	14	10	144
21	Hindi (H)	14	6	1	2	2	25

Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)

Hooghly Women's College, Pipulpati-712103, P.O. & Dist. Hooghly, Ph. 033-2680-5033/2335(Fax)/9432357427, Website: www.hooghlywomenscollege.org .

Sl No	Subject	Gen	SC(22%)	ST(6%)	OBC -A (10%)	OBC -B(7%)	Total
1	Bengali(H)	35	14	4	6	4	63
2	English(H)	35	14	4	6	4	63
3	Sanskrit(H)	35	14	4	6	4	63
4	History(H)	35	14	4	6	4	63
5	Pol.Sc.(H)	22	9	2	4	3	40
6	Philosophy(H)	35	14	4	6	4	63
7	Economics(H)	14	6	2	3	2	27
8	Music(H)	22	9	2	4	3	40
9	Geography(H)	31	12	3	6	4	56
10	Physics(H)	18	7	2	3	2	32
11	Chemistry(H)	14	6	2	3	2	27
12	Math.(H)	22	9	2	4	3	40
13	Microbiology(H)	22	9	2	4	3	40
14	Nutrition(H)	20	8	2	4	2	36
15	Education(H)	18	7	2	3	2	32

16	General(A) (Include Geogra. & Econ)	182	73	20	33	23	331
17	General(Sc) (Include Geogra. & Econ)	50	20	5	9	6	90
18	Zoology (H)	11	4	1	2	2	20
Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)							

Khalisani Mahavidyalaya, P.O. Khalisani, Chandannagar, Dist. Hooghly-712138, Ph. 033-26825530/9434101384, E-mail: khalisanimahavidyalaya@gmail.com.

Sl No	Subject	Gen	SC(22)	ST(6)	OB C-A (10)	OB C- B(7)	Tot al
1	Bengali(H)	40	16	4	7	5	72

2	English(H)	31	12	3	6	4	56
3	Sanskrit(H)	31	12	3	6	4	56
4	History(H)	40	16	4	7	5	72
5	Pol.Sc.(H)	31	12	3	6	4	56
6	Philosophy(H)	22	9	2	4	3	40
7	Economics(Arts/Sc.) (H)	14	6	2	3	2	27
8	Geography(H)	16	7	2	3	2	30
9	Physics(H)	11	4	1	2	1	19
10	Chemistry(H)	11	4	1	2	1	19
11	Math.(H)	22	9	2	4	3	40
12	Accountancy(H)	53	21	6	10	7	97
13	General(A)	44 7	178	49	81	57	812
14	General(Sc) Pure	12	4	1	1	1	19
15	General(Sc) Bio	13	5	1	1	1	21
16	General(Com)	13 5	54	15	25	17	246

Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)

Netaji Mahavidyalaya, P.O. Arambagh-712601, Dist. Hooghly, Ph. 03211-255587/255619(Fax)/9474108672, E-mail: netajimahavidyalaya@rediffmail.com.

Sl No	Subject	Gen	SC(22 %)	ST(6 %)	OB C-A (10 %)	OB C-B(7 %)	Total
1	Bengali (H)	58	23	6	11	7	105
2	English (H)	53	21	6	10	7	97
3	Sanskrit(H)	58	23	6	11	7	105
4	History(H)	58	23	6	11	7	105
5	Pol.Sc(H)	53	21	6	10	7	97
6	Philosophy(H)	61	24	7	11	8	111
7	Economics(H)	18	7	2	3	2	32
8	Education(H)	36	15	4	7	5	67
9	Santali (H)	36	15	4	7	5	67
10	Geography(B.A./B.sc.)(H)	22	9	2	4	3	40
11	Accountancy(H)	66	26	7	12	8	119
12	Chemistry(H)	24	9	3	4	3	43

1 3	Mathematics(H)	61	24	7	11	8	111
1 4	Botany(H)	27	11	3	5	3	49
1 5	Comp.Science(H)	25	10	3	5	3	46
1 6	Zoology(H)	27	11	3	5	3	49
1 7	Environmental science(H)	27	11	3	5	3	49
1 8	Geography(H)	22	9	2	4	3	40
1 9	Physics(H)	22	9	2	4	3	40
2 0	Music(H)	36	15	4	7	5	67
2 1	General(A)	57 6	231	63	105	73	104 8
2 2	General(Sc)	12 2	49	13	22	15	221
2 3	General(Com)	79	32	9	14	10	144
2 4	BBA (H)						68
2 5	BCA (H)						70

Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)

Rabindra Mahavidyalaya, Vill & P.O. Champadanga-712401, Dist. Hooghly, Ph. 9830348011, E-mail: principal.rabindramahavidyalaya@gmail.com.

S l N o	Subject	Gen	SC(2%)	ST(6%)	O BC -A (10%)	O BC -B (7%)	Total	Remarks
1	Bengali (H)	49	20	5	9	6	89	
2	English(H)	49	20	5	9	6	89	
3	Sanskrit(H)	44	18	5	8	6	81	
4	History(H)	49	20	5	9	6	89	
5	Pol.Sc.(H)	25	10	3	5	3	46	
6	Philosophy(H)	44	18	5	8	6	81	
7	Economics(Arts/Sc.)(H)	22	9	2	4	3	40	
8	Education(H)	35	14	4	6	4	63	
9	Geography(H)	18	7	2	3	2	32	
1	Physics(H)	2	8	2	4	3	38	

0		1						
1 1	Chemistry(H)	2 2	9	2	4	3	40	
1 2	Math.(H)	2 2	9	2	4	3	40	
1 3	Botany(H)	2 3	9	3	4	3	42	
1 4	Zoology(H)	2 4	9	3	4	3	43	
1 5	Micro Biology(H)	2 7	11	3	5	3	49	
1 6	Accountancy(H)	5 3	21	6	10	7	97	
1 7	General(Arts)	4 3 2	173	47	79	55	78 6	
1 8	General(Sc)	1 2 7	51	14	23	16	23 1	
1 9	General(Com)	8 3	33	9	15	11	15 1	

Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)

Raja Rammohun Roy Mahavidyalaya, Radhanagar, P.O. Nangulpara-712406, Dist. Hooghly, Ph. 03211-266221/267061/9434666954, Email: principal.rrm@gmail.com, Website: rrmahavidyalaya.edu.in.

S l N o	Subject	Gen	SC(22 %)	ST(6 %)	OB C- A (10 %)	OB C- B (7 %)	Tot al	Remar ks
1	Bengali(H)	49	20	5	9	6	89	
2	English(H)	49	20	5	9	6	89	
3	Sanskrit(H)	40	16	4	7	5	72	
4	History(H)	50	20	6	9	6	91	
5	Pol.Sc.(H)	36	14	4	7	5	66	
6	Philosophy(H)	29	11	3	5	4	52	
7	Geography(H)	27	11	3	5	3	49	
8	Education(H)	34	14	4	6	4	62	
9	Physics(H)	16	6	2	3	2	29	
10	Chemistry(H)	20	8	2	4	3	37	
11	Math.(H)	22	9	2	4	3	40	
12	Botany(H)	14	6	2	3	2	27	
1	Zoology(H)	14	6	2	3	2	27	

3								
14	Accountancy(H)	40	16	4	7	5	72	
15	General (BA)	532	213	58	97	68	968	
16	General (Sc)	117	47	13	21	15	213	
17	General(Com)	79	32	9	14	10	144	
18	Education (Gnl)	33	13	4	6	4	60	

Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)

Sarat Centenary College, Vill&P.O. Dhaniakhali-712302, Dist. Hooghly, Ph. 03213-255282/257747(Fax)/9477502019,E-mail: principal_sccollegednk@rediffmail.com.

S l N o	Subject	Gen	SC(22 %)	ST(6 %)	OB C- A (10 %)	OB C- B(7 %)	Tot al	Remar ks
1	Bengali(H)	44	18	5	8	6	81	
2	English(H)	44	18	5	8	6	81	
3	Sanskrit (Self Finance)(H)	35	14	4	6	4	63	
4	History(H)	35	14	4	6	4	63	
5	Pol.Sc.(H)	35	14	4	6	4	63	
6	Philosophy (Self Finance)(H)	31	12	3	6	4	56	
7	Geography (Self Finance)(H)	20	8	2	4	2	36	
8	Chemistry (Self Finance)(H)	16	6	2	3	2	29	
9	Math.(H)	30	12	3	6	4	55	
10	Accountanc y(H)	27	11	3	5	3	49	
11	General (BA)	57 6	231	63	10 5	73	10 48	
12	General(Sc)	11 0	44	12	20	14	20 0	
13	General(Co m)	83	33	9	15	11	15 1	
1	Botany (H)	11	4	1	2	1	19	

4								
15	Zoology (H)	11	4	1	2	1	19	
16	Education (gnl)	33	13	4	6	4	60	
17	Santali (Gnl)	27	11	3	5	4	50	

Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)

Sreegopal Banerjee College, Vill. Bagati, P.O. Magra-712148, Dist. Hooghly, Ph. 033-26844124/26842706(Fax)/9434029050(Principal), E-mail: Sgbc_2002@yahoo.com.

S l N o	Subject	Gen	SC(22 %)	ST(6 %)	OB C- A (10 %)	OB C- B(7 %)	Tot al	Remar ks
1	Bengali (H)	35	14	4	6	4	63	
2	English (H)	35	14	4	6	4	63	
3	Sanskrit(H)	27	11	3	5	3	49	
4	History(H)	35	14	4	6	4	63	

5	Pol.Sc(H)	35	14	4	6	4	63	
6	Philosophy(H)	35	14	4	6	4	63	
7	Economics(H)	24	9	3	4	3	43	
8	Physics(H)	16	6	2	3	2	29	
9	Chemistry(H)	22	9	2	4	3	40	
10	Mathematics(H)	22	9	2	4	3	40	
11	Botany(H)	16	6	2	3	2	29	
12	Zoology(H)	20	8	2	4	3	37	
13	Accountancy(H)	35	14	4	6	4	63	
14	General(Day)	293	117	32	53	37	532	
15	General(Morn)	328	131	36	60	42	597	
16	General(Sc) Day	75	29	8	13	9	134	
17	General(Sc) Mor	108	43	12	20	14	197	
18	General(Com)	166	67	18	30	21	302	

Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)

Sri Ramkrishna Sarada Vidyamahapitha, P.O. Kamarpukur-712612, Dist. Hooghly, Ph. & Fax: 03211-244224/9434574007, E-mail: info@srsvidyamahapitha.org.

S l N o	Subject	G e n	SC(2 2%)	ST(6%)	O BC -A (1 0 %)	O BC -B (7 %)	To tal	Rema rks
1	Bengali(H)	4 4	18	5	8	6	81	
2	English(H)	4 4	18	5	8	6	81	
3	Sanskrit(H)	4 4	18	5	8	6	81	
4	History(H)	4 4	18	5	8	6	81	
5	Pol.Sc(H)	2 2	9	2	4	3	40	

6	Philosophy(H)	2 2	9	2	4	3	40
7	Economics(Arts /Sc.)(H)	3 5	14	4	6	4	63
8	Physics(H)	2 7	11	3	5	3	49
9	Chemistry(H)	1 2	5	1	2	1	21
10	Math.(H)	3 5	14	4	6	4	63
11	Comp. Science(H)	2 2	9	2	4	3	40
12	General(Arts)	9 0 1	330	90	10 5	75	15 01
13	General(B.Sc)	1 0 8	40	11	13	9	18 1
14	Geography (H)	1 2	4	1	2	1	20
15	Education (Gnl)	4 4	18	5	8	5	80
16	Nutrition (Gnl)	2 2	9	3	4	2	40

Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)

Tarakeswar Degree College, P.O. Tarakeswar-712410, Dist. Hooghly, Ph. 03212-276269/279398(Fax) /9433357752 (Principal), E-mail: principal@tarakeswardegreecollege.org.

S I N O	Subject	G e n	SC(2 2%)	ST(6%)	O BC -A (1 0%)	O BC - B(7%)	To tal	Rema rks
1	Bengali(H)	4 4	18	5	8	6	81	
2	English(H)	4 4	18	5	8	6	81	
3	Sociology(H)	4 4	18	5	8	6	81	
4	History(H)	4 4	18	5	8	6	81	
5	Philosophy (H)	3 1	12	3	6	4	56	
6	Geography (H)	2 0	8	2	4	3	37	

7	Sanskrit(H)	25	10	3	5	3	46	
8	Comp. Science(H)	18	7	2	3	2	32	
9	Accountancy(H)	50	20	5	9	6	90	
10	General(A)	720	288	79	131	92	1310	
11	General(Sc)	58	23	6	11	7	105	
12	General(Com)	91	37	10	17	12	167	
13	Chemistry (H)	8	3	1	2	1	15	
14	Music (H)	20	7	2	2	2	33	
15	BBA (H) Self Financiong	20	7	2	2	2	33	
16	Botany (Gnl)	13	5	2	3	2	25	
Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)								

Vivekananda Mahavidyalaya, Khamarchandi, P.O. Haripal-712405, Dist. Hooghly, Ph. & Fax: 03212-242235/9434116567, E-mail: vmharipal@bsnl.in.

S I N o	Subject	G e n	SC(2 2%)	ST(6%)	O B C- A (1 0 %)	O B C- B (7 %)	T o t a l	Rem a r k s
1	Bengali (H)	4 8	19	5	9	6	87	
2	English(H)	3 2	13	4	6	4	59	
3	Sanskrit(H)	3 2	13	3	6	4	58	
4	History(H)	4 4	18	5	8	6	81	
5	Pol. Science(H)	2 4	9	3	4	3	43	
6	Geograph y(H)	2 0	8	2	4	3	37	
7	Philosoph y(H)	2 0	8	2	4	3	37	
8	Education	2	8	2	4	3	37	

	(H)	0						
9	Accountancy(H)	44	18	5	8	6	81	
10	Physics(H)	12	5	1	2	2	22	
11	Mathematics(H)	24	9	3	4	3	43	
12	Botany(H)	10	4	1	2	1	18	
13	Zoology(H)	10	4	1	2	1	18	
14	Comp.Sc.(H)	28	11	3	5	4	51	
15	Nutrition(H)	12	5	1	2	2	22	
16	General(D)	385	154	42	70	49	700	
17	General(M)	523	209	57	95	66	950	
18	General(Sc)	130	52	14	24	17	237	
19	General(Com)	154	62	17	28	20	281	
20	Chemistry (H)	8	3	1	2	1	15	

Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)

Arambagh Girls' College, P.O. Arambagh-712601, Dist. Hooghly, Ph. & Fax: 03211-255960/8159962973, E-mail: arambaghgirlscollege@gmail.com.

S l N o	Subject	G e n	SC(2 2%)	ST(6%)	O BC -A (1 0%)	O BC -B (7 %)	To tal	Rema rks
1	Bengali(H)	5 0	20	5	9	6	90	
2	English(H)	5 0	20	5	9	6	90	
3	Sociology (H)	4 1	17	5	8	5	76	
4	History(H)	5 0	20	5	9	6	90	
5	Pol.Sc.(H)	4	17	5	8	6	80	

		4						
6	Geography(H)	28	11	3	5	3	50	
7	Philosophy(H)	39	15	4	7	5	70	
8	Education(H)	44	17	5	8	6	80	
9	Sanskrit(H)	44	17	5	8	6	80	
10	General(A)	550	220	60	100	70	1000	
Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)								

Kabi Sukanta Mahavidyalaya, Bhadreswar, P.O. Angus-712221, Ph. 033-26336184/9433458289, E-mail: sukantacollege@gmail.com.

S I N O	Subject	G e n	SC(2 2%)	ST(6%)	O BC -A (1 0%))	O BC -B (7 %)	To tal	Rema rks
1	History(H)	4 0	16	4	7	5	72	
2	English(H)	3 5	14	4	6	4	63	
3	Bengali(H)	4 0	16	4	7	5	72	
4	Sanskrit(H)	3 1	12	3	6	4	56	
5	Geography (H)	2 2	9	2	4	3	40	
6	Accountan cy(H)	3 1	12	3	6	4	56	
7	General(Ar ts)	3 4	139	38	63	44	63 1	

		7						
8	General(Co m)	1 4 3	57	16	26	18	26 0	
9	Pol.Sc.(H)	1 4	6	2	2	1	25	
1 0	Sociology (H)	1 4	6	2	2	1	25	
1 1	Philosophy (Gnl)	3 6	13	4	4	3	60	
1 2	Education (gnl)	3 6	13	4	4	3	60	
1 3	Education(H)	1 4	6	2	2	1	25	
1 4	Math. (Gnl)	3 6	13	4	4	3	60	
1 5	Mass Com. & Journalism (Gnl)	2 2	9	2	4	3	40	

Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)

Kabikankan Mukundaram Mahavidyalaya, Vill. & P.O. Keshabpur- 712413, Dist. Hooghly, Ph. 03211-250660/9153170890, E-mail: kkmmvkeshabpur@gmail.com .

Sl No	Subject	Gen	SC(22%)	ST(6%)	OB C-A (10%)	OB C-B (7%)	Total	Remarks
1	Bengali(H)	28	11	3	5	4	51	
2	English(H)	20	8	2	4	3	37	
3	Sanskrit(H)	28	11	3	5	4	51	
4	History(H)	20	8	2	4	3	37	
5	Pol.Sc.(H)	20	8	2	4	3	37	
6	General(A)	172	69	19	31	22	313	

Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)

Polba Mahavidyalaya, Vill. & P.O. Polba-712148, Dist. Hooghly, Ph. 03213-211319/9433217622, E-mail: principalpolbamahavidyalaya@gmail.com.

Sl No	Subject	Gen	SC(2 2%)	ST(6%)	O B C- A (1 0	O B C- B (7 %	T o t al	Remarks
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					%))		
1	Bengali(H)	30	12	3	6	4	55	
2	English(H)	23	9	3	4	3	42	
3	Sanskrit(H)	30	12	3	6	4	55	
4	History(H)	22	9	2	4	3	40	
5	Philosophy(H)	25	10	3	4	3	45	
6	General(A)	252	101	28	46	32	459	
7	Pol.Sc. (H)	14	6	1	2	2	25	
8	Education (H)	22	9	2	4	3	40	
9	Geography (H)	13	6	2	3	2	26	
10	Math. (GnL)	22	9	2	4	3	40	
11	Zoology (Gnl)	22	9	2	4	3	40	
12	Botany (Gnl)	22	9	2	4	3	40	
13	Chemistry (gnl)	22	9	2	4	3	40	

1 4	General (SC)	2 8	11	3	5	4	5 1
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Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)

Govt. General Degree College, Singur, P.O. Singur, Dist. Hooghly, Ph. 9474603446.

Sl No	Subject	Gen	SC(2 2%)	ST(6%)	OB C-A (10 %)	OB C-B (7%)	T o t a l	Rem arks
1	Bengali(H)	23	9	2	4	3	4 1	
2	English(H)	23	9	2	4	3	4 1	
3	History(H)	23	9	2	4	3	4 1	
4	Pol Sc(H)	23	9	2	4	3	4 1	
5	Philosophy(H)	23	9	2	4	3	4 1	
6	Sociology (H)	23	9	2	4	3	4 1	
7	Sanskrit (H)	23	9	2	4	3	4 1	
8	Santali (H)	14	6	2	3	2	2 7	
9	Anthropology (H)	14	5	2	2	2	2 5	

1 0	Psychology (H)	14	5	2	2	2	2 5
1 1	Chemistry (H)	14	5	2	2	2	2 5
1 2	Mathe (H)	14	5	2	2	2	2 5
1 3	Physics (H)	14	5	2	2	2	2 5
1 4	Computer Sc.(H)	14	5	2	2	2	2 5
1 5	Botany (H)	14	5	2	2	2	2 5
1 6	Zoology (H)	14	5	2	2	2	2 5
1 7	Chemistry(Gnl)	16	7	2	3	2	3 0
1 8	Santali (Gnl)	33	13	4	6	4	6 0
1 9	Anthopology (Gnl)	28	11	3	5	3	5 0
2 0	Psychology (Gnl)	22	9	2	4	3	4 0

Reservation of Seats for the PWD Candidates will not be less than 5% of the intake (Categoriwise)

Prithwish Chandra Biswas Kanya Mahavidyalaya, Vill. & P.O. Dashghara, Dist. Hooghly-712402, Ph. 9674266542/9433400067, E-mail: pcbmedu15@gmail.com.

Sl No	Subject	Gen	SC(22%)	ST(6%)	OB C-A (10%)	OB C-B (7%)	Total	Remarks
1	B.A. (Genl.)	55	22	6	10	7	100	
2	Bengali (H)	14	6	2	2	1	25	
3	English (H)	14	6	2	2	1	25	
4	History (H)	14	6	2	2	1	25	

