

WEST BENGAL STATE UNIVERSITY



PROSPECTUS 2022

(For More Information please visit University websites : www.wbsu.ac.in , www.wbsupgadmission.com , www.wbsubregistration.org)

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Message from the Hon'ble Vice-Chancellor

Dear Applicants,

Congratulations! On passing Honours course in B.A. / B.Sc. / B.Com, you are now ready to enter the portals of the University. The West Bengal State University, Barasat extends a hearty welcome to you.

Here is a PG Prospectus for you the purpose of which is to make you aware of the University and its departments. I request all of you to make an informed choice so that you do not make a wrong choice and suffer later. Therefore, please go through the PG Prospectus minutely and be informed. The PG Prospectus is given on the University website also. Tech-savvy aspirants may like to use that super-highway as well for getting required information.

Please check University websites: www.wbsu.ac.in, www.wbsupgadmission.com & www.wbsubregistration.org regularly. Whatever be your choice, I wish you all well. Universities are for serious people and when you enter any University, please keep its purity untainted. Looking forward to see some of you in **WBSU**.

(Prof. Mahua Das)
Vice-Chancellor
West Bengal State University

Message from the Registrar

I am delighted to know that the Prospectus of our University is going to be published for the Academic Session 2022-2024. I congratulate the endeavour and effort of all those associated with the publication of the Prospectus.

The University is gradually maturing both academically and infrastructural and striving continuously in pursuit of excellence. The undergraduate examination results have been published within schedule time and the Examination department has been restructured for efficient and effective services. In the academic session 2015-16, the University has received UGC 12B recognition.

Here, it is needless to mention that, despite all constraints and challenges in the future, the University will render transparent and clean administration conducive to academic activities for which active co-operation of all concerned with our University is essential. I wish and hope, that WBSU will be a University to reckon within the coming years.

(Sri Tapan Dutta)
Registrar (Officiating)
West Bengal State University

About West Bengal State University

West Bengal State University (Barasat, North 24 Parganas) was established by the Government of West Bengal through an Act (Act XXVIII OF 2007) passed by the Legislative Assembly. The creation of the university took into account a long-standing public demand for setting up a university in this district. The university started functioning from the academic session 2008-09. Further, the State Government, through a notification (No 300-Edn (U)/IU-38/08 dated the 26th May 2008), transferred 57 colleges, formerly affiliated to the University of Calcutta, to the newly established University. The logo of the University comprises a traditional Indian earthen lamp (Pradeep) which is underlined with a motto (*lakṣṇṅ biswamanam*). The lighted lamp signifies the enlightenment of the individual soul leading to the realization of one's self as an integral part of the vast cosmos. Further, men unite in light and become separated in darkness. The logo speaks the hope of a unified enlightened future community.

The University has progressed a lot over last two years. Work on the LAN and WAN are progressing as the University envisages e-enabled classrooms, library and offices. A large volume of the university's communications with students, affiliated colleges and University faculty is through the extensive use of the ICT infrastructure. It is already apparent that this ensures instant communication and therefore is the basic infrastructure for efficient governance.

The University had problems but many of the problems have been overcome by now under able leadership which is presently trying tooth and nail to march forward with utmost sincerity. The First Convocation of the University held on 25th February, 2017.

Department supervised by the University Engineer, in charge of the Office of the Controller of Examinations

One of the major success stories of the University in the last three years has been the conduct of examinations and publication of results on time. Innovation in the record-keeping in the examination department has resulted in 'almost' zero-error in results and this has, on one hand, reduced the pain of the students and has, on the other hand, improved the reputation and reliability of the university examination system which was a constant source of pain and anguish for so many years.

Department supervised by the Finance Officer

The Finance Department of the University is supervised by a whole-time Finance Officer. The role of the department is to contribute to the day to day financial administration of the University as a whole and its academic and administrative departments in particular. The department has been trying its best to put in place a transparent and effective financial system and to ensure efficient administration of the funds and the assets of the University.

Courses Offered by WBSU

Post Graduate Courses (CBCS Complied)

The duration of the Post-Graduate programmes in different courses are two years consisting of four semesters. The objective of the course is to provide the students a sound base (both theoretical and practical) on the concerned discipline and to equip the students by enhancing their analytical and comprehensive abilities for meeting the challenges in life in future. PG syllabus that has been framed for each of the various disciplines is entirely contemporary and in tune with the advance in research in that particular subject. In this context, more effective classroom teaching practices are likely to be instituted to make the learner-outcome more satisfying and effective. Syllabi can be downloaded from our websites: www.wbsu.ac.in / www.wbsubregistration.org. CBCS syllabi has been introduced in the UG level as per UGC guideline from the academic session 2018-2019.

Limited intake of students ensures personal attention. Teacher-student ratio is monitored in each department. Internet enabled classrooms encourages guided web-learning. Project based assignments enable students to carry out the work independently. Dissertation as a part of PG course requirements develops writing skills of the students. Emphasis has been laid to improve the skill-based learning.

ALL APPLICANTS SHOULD REMEMBER THAT THIS IS A FULL TIME REGULAR COURSE AND HE / SHE ARE NOT PERMITTED TO PURSUE SUCH OTHER REGULAR COURSE OR CARRY OUT ANY FULL TIME / REGULAR EMPLOYMENT SIMULTANEOUSLY.

The eligibility criteria for admission to PG courses in the different subjects are given below:

Code No.	Course	Subjects / Departments	Eligibility
01	Master of Rural Studies (2 yrs duration)	Rural Studies	Honours graduate in any subject
02	M.A./M.Sc.(Eco) (2 yrs duration)	Economics	B.A./B. Sc. (Hons.) in Economics, Students should have sufficient mathematical background. Preference will be given to students who had mathematics as a pass subject at the UG level.
03	M.A./M.Sc.(Geo) (2 yrs duration)	Geography	B. A./B.Sc. (Hons.) in Geography
04	M.A./M.Sc. (2 yrs duration)	Psychology	B.A./B. Sc. (Hons.) in Psychology
05	M.Sc. (2 yrs duration)	Anthropology	B. Sc. (Hons.) in Anthropology
06	M.Sc. (2 yrs duration)	Biochemistry	B.Sc. (Hons.) in Chemistry /Biochemistry/ any branch of Life Sciences with Biochemistry as a major paper in their B.Sc.(Hons) Course & Chemistry as one of the Pass subjects.
07	M.Sc. (2 yrs duration)	Botany	B. Sc. (Hons.) in Botany

08	M.Sc. (2 yrs duration)	Chemistry	B. Sc. (Hons.) in Chemistry
09	M.Sc. (2 yrs duration)	Computer Science	B. Sc. (Hons.) in Computer Science with Mathematics as pass subject
10	M.Sc. (2 yrs duration)	Electronics	B. Sc. (Hons.) in Electronics or Physics
11	M.Sc. (2 yrs duration)	Food & Nutrition	B.Sc. (Hons.) in Food & Nutrition / Nutrition preferably with Chemistry at H.S. level.
12	M.Sc. (2 yrs duration)	Microbiology	B. Sc. (Hons.) in Microbiology/Biotechnology/ Biochemistry (preferred) or Zoology/Botany with Microbiology as major paper or Chemistry as pass subject
13	M.Sc. (2 yrs duration)	Physics	B. Sc. (Hons.) in Physics
14	M.Sc. (2 yrs duration)	Physiology	B. Sc.(Hons.) in Physiology
15	M.Sc. (2 yrs duration)	Mathematics	B.Sc. (Hons.) in Mathematics
16	M.Sc. (2 yrs duration)	Statistics	B. Sc. (Hons.) in Statistics or Mathematics [60% seats from Statistics(H) & 40% seats from Mathematics(H)]
17	M.Sc. (2 yrs duration)	Zoology	B. Sc. (Hons.) in Zoology
18	M.Com (2 yrs duration)	Commerce	B. Com. (Hons.)
19.	M.A. (2 yrs. Duration)	Bengali	B. A. (Hons.) in Bengali
20.	M.A. (2 yrs. Duration)	Education	B. A. (Hons.) in Education
21.	M.A. (2 yrs. Duration)	English	B. A. (Hons.) in English
22.	M.A. (2 yrs. Duration)	Film Studies	B.A./B.Sc./B.Com. Honours in any Subject or Media Science or Media Studies
23.	M.A. (2 yrs. Duration)	Hindi	B. A. (Hons) in Hindi
24.	M.A. (2 yrs. Duration)	History	B. A. (Hons.) in History
25.	M.A. (2 yrs. Duration)	Journalism & Mass Communication	B.A./B.Sc./B.Com. Honours in any Subject or Media Science or Media Studies, however Media Science or Media Studies students need to obtain 70% and above marks at Honours level.
26.	M.A. (2 yrs. Duration)	Sanskrit	B. A. (Hons.) in Sanskrit
27.	M.A. (2 yrs. Duration)	Philosophy	B. A. (Hons.) in Philosophy
28.	M.A. (2 yrs. Duration)	Political Science	B. A. (Hons.) in Political Science

29.	M.A. (2 yrs. duration)	Sociology	B. A. (Hons.) in Sociology
30.	M.A. (2 yrs duration)	Urdu	B.A. (Hons.) in Urdu
31.	M.A. (2 yrs duration)	Arabic	B.A. (Hons.) in Arabic
32.	M.B.A.(2 yrs duration)	Management & Marketing	<p>Graduates in Science/ Arts/ Commerce/Management/ Medical/ Engineering/ Law (5 year) / B.Tech / M.Tech and equivalent courses under 10+2+3 system or equivalent with 50% marks in Graduation/Post Graduation or in aggregate (5% relaxation for SC/ST/OBC)</p> <p>Desirable Qualification: Qualified in CAT /MAT /XMAT /GMAT /GATE and relevant UGC-specified National / State Level Entrance Tests.</p>

Eligibility for Admission to M.A., M.Com., M.Sc., & M.R.S. Courses

- I) Three years Honours graduate of the current and previous 2 years i.e. **not before 2020** in the CBCS / 10+2+3 system from WBSU.
- II) Honours graduates from recognized Universities in West Bengal of the current and previous two years are eligible for admission. For students from other states, the student should have passed equivalent course as at (1) from UGC recognized University/Institute.
- III) Candidates passing Honours course in Under Graduate Degree level from Indira Gandhi National Open University / Netaji Subhas Open University and the Distance Education Programmes of other Universities in West Bengal are also eligible for admission.
- IV) Each candidate should apply in a separate single application form for applying more than one subject, if any.
- V) Application Form to be submitted online.

VI) Modalities of Admission

After online submission of the application, the copy of the application is to be downloaded and printed copy of the downloaded application along with relevant supporting documents self-attested by the candidate are to be preserved and submitted to the P.G. Section of WBSU at the time of verification and the documentary evidence of the payment of Admission Fee (e-receipt) must be attached with the hard copy of the application after online admission if selected.

VII) Mode of Payment : No Application Fees for this year as per Govt. order.

Candidates may use the payment facility on Multi Option Payment System (MOPS) eg., (i) Internet Banking of all Banks (ii) ATM-cum-Debit/Credit Card of all Banks. (ii) Through gateway Debit/Credit Card/Multi bank Internet banking / digital wallets for payment of **Admission Fees (No UPI payment system will be considered)**.

VII) Mark-sheets in original (Semester-I to VI as per CBCS pattern / Part-I, Part-II & Part-III for non CBCS) should be shown during the verification after admission, if selected.

- IX)** Self-attested copies of mark-sheets (Semester-I to VI as per CBCS pattern / Part-I, Part-II & Part-III for non CBCS) and other testimonials should be attached with the application form.
- X)** SC/ST candidates should write “SC/ST candidate” on the top of the application form and they must attach self-attested Xerox copy of SC/ST certificate from the office of the S.D.O.
- XI)** Persons with Disability (PWD) candidates must mention the words “PWD” on the top of the application form and must attach a certificate from the Competent Authority. **Tuition fee waiver for 50 meritorious students having genuine financial constraints. Tuition fee waiver for Physically challenged students.**
- XII)** OBC-A or OBC-B candidates should write “OBC-A” or “OBC-B” on the top of the application form and they must attach self-attested Xerox copy of OBC certificate issued by the Office of the S.D.O.
- XIII)** List of the selected candidates will be displayed on the Notice Board at the P.G. Section, WBSU and also on University website.
- XIV)** No personal communication will be made with the selected candidates.
- XV)** Selection will be made strictly in order of merit on the basis of percentage of marks, for 80% seats reserved for home University remain unfilled, those may filled up with the Undergraduates of other universities. Similarly, if the 20% seats reserved for the students from other universities remain unfilled, those may filled up with the students of home university.
- XVI)** Preference, if any, once exercised cannot be changed. And declaration regarding SC/ST/PWD/OBC-A/OBC-B/General once given cannot be altered.
- XVII)** For admission to different courses, a SC or ST candidate getting admission should have obtained in the previous examination qualifying marks not lower by more than 25% of the marks obtained by the last candidate of the general category. In case of OBC-A and OBC-B the candidates getting admission should have obtained in the previous examination, qualifying marks not lower by more than 10% from the marks obtained by the last candidate of the general category.
- XIX) Domicile Certificate :** (See Website: www.wbsu.ac.in / www.wbsupgadmission.com / www.wbsubregistration.org). Essential for reservation of seats (SC/ST/OBC of other states)

In any case, if a candidate obtains marks lower than the minimum qualifying marks prescribed by the University/Appropriate Authority for admission to the relevant course, he/she will not be eligible for admission.

Registration & Migration

(Only for those who are from other recognized Universities)

Candidates, from recognized Universities other than W.B.S.U., admitted to P.G. courses should submit the Migration Certificate form the last attended Institute at the time of admission.

N.B. – Registration is essential for each and every candidate immediately after his/her admission to P.G. Course as per notification by the University. Otherwise, his/her admission will be treated as cancelled.

Registration Fee of Rs.350/- only per student (for all categories of students)

Rules and Regulations in respect of Reserved Quota

The following seats are reserved in each subject for the under mentioned categories as indicated in West Bengal Government Rule .

- a) **For SC/ST** – 22% and 6% respectively of the total seats of the concerned subject.
NB. – SC/ST candidates should submit SC/ST certificate issued as per the West Bengal SC/ST (identification) Act 1994.
- b) **For Persons with Disability:** reservation of seats not less than 5% for PWD within each respective category (SC/ST, OBC-A, OBC-B) & unreserved of the concerned subject.
N.B.- Persons with disability candidates having degree of 40% and above should submit a certificate issued by the relevant Govt. Hospital.
- c) **For OBC-A/OBC-B :** Implementation of reservation shall take effect from the Academic Session 2014-15 as per W.B. Govt. Rules in a phase-wise manner as given in relevant G.O.s and decided by the WBSU Council.
- d) **For Other Recognised University candidates :** - Selection will be made strictly in order of merit on the basis of percentage of marks for 80% of seats(Category A) for WBSU students and rest 20% of seats (Category B) on the basis of percentage of marks for Non WBSU and WBSU Students.
- e) **Back year(s) candidates:** - At par of the current year students of the concerned subject for the seats earmarked in Category B (WBSU & Non-WBSU students under 20% of total seats).
- f) **Relaxation of cut-off marks for SC/ST/PWD/OBC-A/OBC-B candidates:** As per University and Government rules vide Notification No.07/Edn)U)/IU-89/13 dt.2.1.14.
- g) For availing any of the criteria as above at a, b and c is to be authenticated with valid documents from appropriate authority. Once a student declares the category (i.e., General, SC/ST/OBC/PH), it cannot be changed later.

Seat distribution in different PG subjects

No. of Seats in different subjects. For the Year 2022-24.

Group	Subjects/Dept.'s (Abbreviation)	Total Seats								
		2013-14	2014-15 & 2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
2.1	Anthropology(ANTR)	20	22	24	26	27	27	27	30	30
4.1	Bengali(BENG)	70	72	76	78	85	85	91	91	91
2.2	Biochemistry(BIOC)	20	22	24	26	27	27	27	27	27
2.3	Botany(BOT)	20	22	24	26	27	27	27	27	27
2.4	Chemistry(CHEM)	20	22	23	26	27	35	35	35	35
3.2	Commerce (COMM)	45	47	50	50	58	58	58	64	64
2.5	Computer Science(CS)	23	25	27	28	31	31	31	31	31
1.2	Economics(ECO)	35	37	39	40	46	46	46	46	46
4.2	Education(EDU)	50	52	56	58	62	62	62	62	62
2.6	Electronics(ELEC)	20	22	23	26	27	27	27	27	27

4.3	English(ENG)	40	42	46	48	51	51	51	51	51
4.4	Film Studies(FS)	25	27	28	29	31	31	31	31	31
2.7	Food & Nutrition(FN)	15	17	18	19	19	30	45	45	45
1.3	Geography(GEO)	30	32	32	34	37	37	37	37	37
4.6	Hindi(HIN)	35	37	39	40	46	46	46	50	50
4.7	History(HIST)	60	62	66	68	72	77	77	77	77
4.8	Journalism & Mass Communication(JMC)	30	32	34	35	38	38	40	42	42
3.1	Master of Rural Studies (MRS)	0	0	0	31	31	31	31	31	31
2.11	Mathematics(MATH)	35	37	39	40	43	46	46	46	46
2.8	Microbiology(MICR)	15	17	18	19	19	19	19	20	20
4.5	Philosophy(PHIL)	35	37	39	40	46	51	51	51	51
2.9	Physics(PHY)	22	24	24	26	27	27	27	27	27
2.1	Physiology(PHSL)	20	22	23	26	27	27	27	27	27
4.1	Political Science(PLSA)	35	37	39	40	46	50	50	50	50
2.12	Psychology(PSCH)	25	27	28	29	29	30	30	30	30
4.9	Sanskrit(SANS)	50	52	56	58	66	66	66	66	66
4.11	Sociology(SOC)	35	37	39	40	46	46	46	46	46
2.13	Statistics(STAT)	30	32	34	35	38	38	38	38	38
2.14	Zoology(ZOOL)	20	22	24	26	27	30	30	30	30
	Urdu(URD)	0	0	0	0	0	40	40	40	40
**	Arabic(ARB)	0	0	0	0	0	0	0	0	60
**	Management & Marketing	0	0	0	0	0	0	0	0	50

Total seats = 1385 Nos. in 31 P.G. Departments.

****Newly introduced Courses :** (1) **Master of Business Administration (M.B.A.)** (Two Year Full time regular course – Total Four Semesters). (2) **M.A. in Arabic** (Two Year Full time regular course) (3) **Bachelors in Library and Information Sciences (B. Lib. Sc.)** (One Year - Self-Financed Course).

Rules for Collegiate/Non-Collegiate/ Dis-Collegiate Candidates
(Rules applicable for appearing in the University semester examinations)

Admitted candidates have to attend their classes from the very beginning of the session. Candidates who take admission after commencement of the session will have their percentage of class attendance counted from the very next day of their admission.

a) **Collegiate Candidates** - Students are required to attend at least 65% of the total lectures delivered to them in the session to complete the said semester. They are eligible to appear at the University Examination.

* For M.Phil Course of studies, students are required to attend at least 75% of the total lectures delivered to them in the session to complete the said course

b) **Non-Collegiate Candidates** - The candidates whose percentage of class attendance are 55% and above but below 65% of the total lectures delivered to them in the session will be treated as Non-Collegiate candidates. They may be sent up at the University Examination if their short percentage is condoned by the appropriate authority

* For M.Phil Course of studies, the students whose percentage of class attendance are 65% and above but below 75% of the total lectures delivered to them in the session will be treated as Non-Collegiate Students. They may be sent up at the University Examination if their short percentage is condoned by the appropriate authority

c) **Dis-Collegiate Candidates** - The candidates whose percentage of class attendance falls below 55% of the total lectures delivered to them in the session will be treated as Dis-Collegiate candidates. They are not eligible to appear at the University Examination. They may take re-admission

* For M.Phil Course of studies, students whose percentage of class attendance falls below 65% of the total Lectures delivered to them in the session will be treated as Dis-Collegiate students. They are not eligible to appear at the University Examination.

Cancellation of Admission

If any student remains absent from his/her classes continuously for fifteen days or thirty days (with interruptions) within the first two months from the date of his/her admission, his/her name will be automatically struck off the rolls. Fees submitted by the students at the time of admission shall also be forfeited. Application Fees once paid will not be refunded at any circumstances.

Academic Calendar

The Post Graduate Departments of WBSU are following Semester system and monitoring the performance of the student by grading system of marks. Mid-term examination along with continuous assessment are being practiced for continuous improvement of the teaching-learning environment. The duration of the odd semester is usually from July to December (six months) and the even Semester is from January to June (six months). However the admission to the 1st semester courses depends on the publication of the results of B.A./B. Sc./B. Com (Hons.) part III examination.

1st Sem & 3rd Sem : Course of Studies : 1st July to 30th November; Recess /Exam. & Other related matters : 1st December to 15th January.

2nd Sem & 4th Sem : Course of Studies : 16th January to 31st May; Recess /Exam. & Other related matters : 1st June to 30th June.

The Academic Calendar may change as per UGC guideline, as and when required.

Fees Structure

The fee structure of the admission process will be as follows

Name of the Postgraduate Course		Fee (in Rs)	
Group-A	Bengali, Education, English, Hindi, History, Philosophy, Sanskrit, Political Science, Urdu, Arabic	Application/Prospectus Fee	----
		Admission Fee	800/-
		Tuition fee(1 month)	200/-
		Sports fee (once)	150/-
		Library fee (once)	500/-
		Library caution deposit (Refundable)	500/-
		Development fee	1000/-
		Student Welfare fund	400/-
		Semester Examination fee (1 st semester)	600/-
		Semester fee(1 st semester)	200/-
		Fees for Personal Insurance during the course	250/-
		Total	4600/- .Apart from this Rs.350/- is to be paid for new Registration
Name of the Postgraduate Course		Fee (in Rs.)	
Group-B	Anthropology, Botany, Chemistry, Journalism and Mass Communication, Biochemistry, Mathematics, Physics, Microbiology, Physiology, Zoology, Master of Rural Studies, Sociology, Psychology, Statistics, Food and Nutrition, Geography, Film Studies, Electronics, Economics, Computer Science, Commerce	Application/Prospectus Fee	---
		Admission Fee	800/-
		Tuition fee(1 month)	300/-
		Sports fee (once)	150/-
		Library fee (once)	500/-
		Library caution deposit (Refundable)	500/-
		Laboratory caution deposit (Refundable)	1000/-
		Development fee	1000/-
		Student Welfare fund	400/-
		Semester Examination fee (1 st semester)	600/-
		Semester fee (1 st semester)	300/-
		Fees for Personal Insurance during the course	250/-
Total	5800/- .Apart from this Rs.350/- is to be paid for new Registration		

** Tuition fee waiver for 50 meritorious students having genuine financial constraints. Tuition fees waiver for physically challenged students.

M.Phil/Ph.D. Courses

M.Phil (2 yrs duration)

The University is offering M. Phil/ Ph. D. courses in various Departments. Admission to the M. Phil. / Ph.D. for each discipline by a viva-voce. Candidates with NET/SET/GATE qualifications are required for making applications for the same. University is conducting Viva-Voce for the Ph.D. programme after issuing appropriate notification. The number of students to be admitted into the Ph.D. programme in a subject or an interdisciplinary field in a year is decided by the respective Board of Research Studies. National and State-level reservation policies will be followed in the matter of admission into the Ph.D. programme. Students admitted in the Ph.D. programme shall undertake course work for a period of one semester to be eligible for Registration into Ph.D. course. On successful completion of the entire programme as per Ph.D. regulations the degree of Doctor of Philosophy shall be awarded to a candidate on the basis of original research work resulting in a significant advancement of knowledge.

Subjects Offered : Generally for M.Phil – Bengali, English, Sanskrit, History, Philosophy.

For Ph.D. subject to availability of supervisor –Anthropology, Biochemistry, Botany, Chemistry, Computer Science, Electronics, Mathematics, Microbiology, Physics, Physiology, Psychology, Statistics, Zoology, Bengali, English, Sanskrit, Urdu, Education, Hindi, History, Political Science, Philosophy, Sociology, Economics, Geography, Rural Studies, Commerce, Management & Marketing.

Fees Structure for Ph.D. & M.Phil. students for Indian National

	Ph.D.	M.Phil	<ul style="list-style-type: none">• 25% higher of the above fees for Foreign students – SAARC countries• 50% higher of the above fees for Foreign students – Non SAARC countries
Application Fee	Rs.1000 (500 for SC/ST)	Rs.1000 (500 for SC/ST)	
Admission Fee	Rs.1000	Rs.1000	
Course Fee	Rs.4500	Rs.4500 (1 st Sem); 3500 (2 nd Sem) = Total Rs.8000/-	
Registration Fee	Rs.5000	Rs.3000	
Thesis submission fee	Rs.8000	Rs.6000	

Bachelors in Library and Information Sciences (B. Lib. Sc.)

(One Year - Self-Financed Course)

Considering the demand of post graduate and under graduate Students, the West Bengal State University is ready to open the Library & Information Science department from the academic year 2022-2023. Library and Information Science course is a professional course and the aim of the department will be to enhance the employability of the students. Initially the university will offer Bachelors in Library and Information Science and will be followed by the Masters in Library & Information Science Course. For details please visit : <https://wbsupgadmission.com/library/>

Korean Language and Culture at King Sejong Institute, WBSU

The University runs courses on Korean Language and Culture at King Sejong Institute, WBSU, in collaboration with Sejong Foundation, Government of South Korea. The classes are conducted by Korean Teachers, affiliated to the Sejong Institute, S. Korea. These are Certificate Courses on Korean Language and Culture of 3-4 months' duration (1 semester) each. The courses are:

Beginners Course, Intermediate Course and Advanced Course.

Students are placed in courses after evaluation through an admission test.

The courses are now being conducted online and the fees for each semester / Course is 2000/- INR per semester. E-textbooks for the courses are provided free. Once the situation normalises, and physical classes begin, the fees will be 3000/-INR per semester.

Admission is open in Feb-March, and July-August every year. Limited seats are available. Admission is open to all over 14 years of age, students and non-students.

Interested students should contact/ enquire through e-mail at barasatksi@gmail.com also please follow the facebook page [#barasatsejonginstitute](#).

Facilities Available

Installation of Wi-Fi in the University Campus has been done to cater the growing needs of students for research purpose and advancement of knowledge.

Library, Reading Room, Internet Facilities

University Library plays a pivotal supportive role in the teaching-learning process and research with web-based proprietary resources. The university has a well-stocked library with reading room facility, internet and photocopying services. No. of Text Books subjectwise for Humanities is 8679; Science 4934; Social Science 807; Commerce & Management 541 and after that newly purchased in the year 2014-15 is 5918. Subscribed journals 11 and SAGE Journals are 31 in numbers.

Hostel Facilities

The University has one Boys and One Girls Hostel. Presently, the Boys hostel can accommodate 50 boys/boarders. The Girls hostel is not functional at present. Within a short period facilities may be extended to the female students.

Facilities for Bus services

State Bus & Public Bus services from WBSU Campus are available.

National Service Scheme (NSS) Cell

Brief Activity Report of NSS Programme under West Bengal State University

42 NSS units controlled by West Bengal State University conducted the following programmes over the year.

Sl.No	Name of the Programme	Particulars
1.	Blood Donation Camp	1.683 units of blood collected from the camp organized by 19 NSS unit
2.	Plantation Programme	2.787 Saplings planted by 26 NSS unit
3.	Pulse Polio Programme	3. 2141 Children benefited with vaccine by 19 NSS units
4.	Health Check up Camp	4. 14 NSS units organized
5.	Sit & Draw Competitions	5, 14 NSS Units organized
6.	Survey work on source of drinking water, common disease, plastic pollution, problems of mobile phone, low cost food, superstition and anti-superstition	6. Some NSS unit conducted these programme and NSS work Report presented in a book-let form by 4 Colleges of WBSU

The role of NSS Units of WBSU is also noteworthy. The 3 NSS units conducted the following programme

1. Orientation Programme for the Programme Officers and Special Camping Programme for the University NSS Volunteers.
2. Thalasemia Awareness and Detection Programme
3. Cleaning Programmes
4. International Youth Day Celebration
5. Observance of Independence Day
6. Observance of Netaji's Birth Day.
7. Observance of Republic Day
8. Fixation of Name Plates at the important places of University
9. Installation of 2 Water Coolers-cum-purifiers
10. Fixation of Information Kiosk at the gate
11. 100 hours Employability Training by Tata Consultancy Services
12. Participation of the State-level NSS Award Programme
13. Participation of Vivek Samhati Utsab 2016
14. Publication of NSS WBSU Diary
15. Observance of National Hand Cleaning Day
16. Publication of NSS Annual Report 2014-2015.
17. Introduction of Transfer of First and Second Installments of NSS through NEFT

Games and Sports

The Sports Cell of West Bengal State University was established in November, 2008, which was affiliated with the Association of Indian Universities in the year 2009. Due to its locational advantage at the rural belt and many of the famous sportspersons being the citizens of North 24 Parganas District by birth, our university gave birth to a number of good players in different fields of boys' and girls' events. Further, formation of the Newly Structured Sports Committee by the University Authority has also made the whole selection process transparent and well-accept. As a result, the university had gathered the Achievements year by year.

Internal Quality Assurance Cell

As per UGC guidelines every university should have an Internal Quality Assurance Cell (IQAC). The University has already established an Internal Quality Assurance Cell (IQAC). IQAC has started its functioning keeping in view the objective of development of every sphere of the University. Hon'ble Vice-Chancellor himself acts as the Chairman of the Cell.

Anti-ragging Cell

As per the directions of the Hon'ble Supreme Court of India, University Grants Commission notified regulations in order to prevent and eliminate the scourge of ragging in Higher Educational Institutions. University has established an anti-ragging cell following UGC regulations. Students found involved with ragging activities will be punished depending on the severity of offence. An online declaration/Affidavit in this regard will have to be submitted (<https://www.antiragging.in/>) compulsorily by each student in due course after getting the admission and registration number. The printout of the same is to be submitted to the PG Section, WBSU & Registration Section, WBSU.

Sexual Harrasment Cell

The University has put in place an Internal Complaints Committee with Prof. Sutapa Chatterjee Sarkar, Dept. of History, WBSU as the Presiding Officer. The ICC is In charge of all investigation related to gender harassment in the Campus.

Grievance Redressal Cell

Our university also maintains a Grievance Cell. Grievances related to sexual harassment, discrimination based on religion, race, or sex may be discussed with the respective heads of different departments, who will bring it to the notice of the Members of the Cell or may be directly communicated to the Members of the Cell. Students are assured that every case will be dealt with the attention required. Grievances pertaining to the administrative delays may be brought to the notice of the Registrar's office in the university.

Right to Information Cell

Democracy requires an informed citizenry and transparency of information which are vital to its functioning and also to contain corruption and to hold Governments and their instrumentalities accountable to the governed. It is therefore expedient to provide for furnishing certain information to citizens who desire to have it. Right to information for citizens ensures access to information in order to promote transparency and accountability in the working of every public authority. We have a Right to Information cell in our university and the Registrar of the university is the appellate officer.

Students Welfare

The University is having a well-constituted Students' Welfare Committee which has created a good leadership skill among the students, who help and cooperate in organizing various official and non-official programmes of the university, beginning from Freshers' Welcome upto the Inter-college Sports, NSS activities and observance & Celebration of different cultural and socio-cultural activities, even the hostage of state-level and national-level seminars. Through this committee, students coming from different localities and different communities get equal help and support for their academic and social empowerment. Students' Welfare Committee, in collaboration with the NSS Cell of the University, has also initiated different social programmes like holding of Vivek-yatra, organizing Blood Donation Camps, opening of Book Bank for the needy yet serious students, etc.

List of Subjects in P.G. Courses in the Affiliated Colleges under this University

1. A.P.C. College	Physics, Chemistry, Microbiology, Electronics, Computer Science, Mathematics, History, Bengali
2. Barrackpur Rastraguru Surendranath College	Geography, Microbiology, Computer Science, Food & Nutrition, Education, Accounts, Finance & Control, Marketing Management, Journalism, Mathematics
3. Barasat Government College	Bengali, Zoology, Botany, Physics, Chemistry
4. Bhairab Ganguly College	English, Geography, Commerce, Urdu, Journalism & Mass Communiation
5. Basirhat College	Bengali
6. Bidhannagar College	Zoology, Microbiology, Chemistry, Botany, Anthropology, Education
7. Dinabandhu Mahavidyalaya	Bengali
8. Dum Dum Motijheel College	English, Mathematics
9. Gobardanga Hindu College	Bengali, Education, History
10.Ramakrishna Mission Vivekananda Centenary College	Chemistry,Botany
11. Rishi Bankim Chandra College	English, Zoology
12. Sree Chaitanya College, Habra	Bengali, Chemistry
13. Sree Chaitanya Mahavidyalaya	Commerce
14. Taki Govt. college	Bengali, English
15. Saradama Girls' College	Food & Nutrition, English
16. Mrinalini Datta Mahavidyapith	Bengali, Education, Commerce
17. Sarojini Naidu College for Women	Bengali, English,Psychology
18.East Calcutta Girls' College	Education, Geography
19.Ramkrishna Sarada Mission Vivekananda Vidyabhavan	Philosophy
20.Rishi Bankim Chandra Evening College	M.Com. (Accounting & Finance)
21. Dum Dum Motijheel Rabindra Mahavidyalaya	M.Com. (Accounting & Finance)
22. Brahmananda Keshab Chandra College	Botany, Mathematics
23. Mahadevananda Mahavidyalaya	Bengali
24.Vivekananda College, Madhyamgram	Geography, Education, Bengali
25. R.B.C. College for Women	Bengali
26. GLF Business School	M.B.A.
27. Nahata Jogendranath Mondal Smriti Mahavidyalaya	Bengali
28.Amdanga Jugal Kishore Mahavidyalaya	Bengali

Officers of the University

Sl. No.	Name	Designation
1.	Prof. Mahua Das	Vice-Chancellor
2.	Sri Tapan Dutta	Registrar(Officiating), Deputy Registrar, Inspector of Colleges (In-charge) & S.P.I.O.(In-charge)
3.		Controller of Examinations
4.	Dr. Subhra Biswas	Finance Officer
5.	Sri Saikat Ranjan Ghosh	University Engineer & and In-charge of the O/o Controller of Examinations
6.	Dr. Sushanta Banerjee	Librarian
7.		Assistant Controller
8.	Sri Asoke Kumar Mukherjee	Consultant to the Office of the Controller of Examinations
Faculty Members / Officer-in-Charge of different Offices of the University		
9.	Professor Sutapa Chatterjee Sarkar	Director & Member Secretary, IQAC
11.	Professor Anirban Sarkar	Convener, Sports Board
12.	Professor Arun Hota	Director, Directorate of Distance Education
13.	Dr.Sanghamitra Paul &	Joint Nodal Officer,
14.	Dr. Rajat Pandit	AISHE WBSU Nodal Cell
15.	Professor Pranam Dhar	Programme Coordinator, N.S.S.
16.	Prof. Pratiti Ghosh	Coordinator, Health Care Centre
17.	Dr. Arijit Roy	Convener, Placement Cell

Departments at a Glance

DEPARTMENT OF ANTHROPOLOGY

The department is one of the fast-growing P.G. Anthropology departments of India (started functioning from the academic session 2008) having well equipped laboratory, collection of materials and field work facilities for P.G. Anthropology courses. Though, at present, the department is running with two faculty members, but has been exploring quality of education by appointing eminent guest faculties from different University and Institutions. It is unique in the sense that it includes all three major branches (Biological Anthropology, Archaeological Anthropology and Social-Cultural Anthropology) in its curriculum. However, for specialization we offer Biological anthropology and Social-Cultural Anthropology specialization only. The department emphasized more on its fieldwork as a part of its curriculum. All the students supposed to conduct long camp-based intensive fieldwork for 2nd Semester (for 3 major branches) and a dissertation for 4th semester under the direct supervision of the teachers.

The department also gives prime emphasis on regular seminars/workshops/trainings/ lecture programmes where scholars of national and international repute took part as resource persons. The department also publishes departmental journal Genus Homo (ISSN 2457-0028) regularly since 2017. About 25 students of the department qualified NET/SET (many of them with fellowships) and majority of them registered themselves for Ph.D. programme. Placement of students is also mentionable, as many of them got apportionment from different governmental and non-governmental organizations including Assistant Professors of different Colleges and University.

Courses offered:

M.Sc. In Anthropology with 2 specializations-
Group A: Biological Anthropology,
Group C: Social-Cultural Anthropology.
Ph.D. programme as per UGC guidelines

FACULTY MEMBERS:

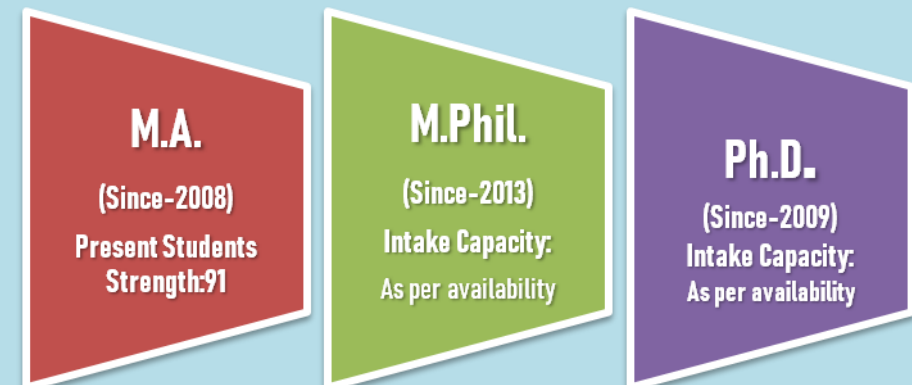
1. Subir Biswas, M.Sc, Ph.D, Professor (Head)
2. Abhijit Das, M.Sc, Ph.D, Associate Professor

DEPARTMENT OF BENGALI

1) ABOUT THE DEPARTMENT:

- Since the inception of West Bengal State University the Department of Bengali has played an important and vital role as a center of education and research.
- Today many students of our department are now well-established.
- The students have proved their ability not only education but also in other activities, they are able to prove their excellence, wisdom and knowledge. Because their joining in different government and non-government sectors as renowned and successful employees in the working place proves the truth.
- “Charaibeti” or “Go Ahead” is the ultimate motto of the Department of Bengali.

2) PROGRAMMES OFFERED:



3) UNIQUE FEATURES OF THE CURRICULUM:

- In our curriculum, we have included all the **literary genres** like – Bengali Prose, Poetry, Novel, Drama, Short-stories etc.
- In this curriculum we have included some world famous literature, similarly we have emphasized on the writings of Muslim writers, Female writers and Dalit literature.
- As this University, being established in North 24 Parganas, so our curriculum has included all the literary works written by the literary artists living in North 24 Parganas.
- Beside these, in our curriculum we have also included Asmia Novel, Hindi Drama, and Shot-stories written in different Indian languages. The course name is “**Neighboring Literature**”.
- For the higher studies, enhancement of knowledge and to make students interest in research oriented ideas, we have included a course named “**FORMATION OF DISSERTATION**”.
- According to the UGC guidelines we have accomplished our teaching-learning process and examination procedure in the semester system.
- From the session of 2019-2021 we have done all the teaching learning process and examination system according to the new rules and regulation of UGC.

4) FACULTY:



DR. SOMA BHADRA RAY
(M.A., Ph.D.,)
HEAD & ASSOCIATE PROFESSOR
Teaching Experience: 14 Years (UG & PG)



DR. MOHINI MOHAN SARDAR
(M.A., B.Ed., M.Phil., Ph.D., D.Litt.)
PROFESSOR OF THE DEPARTMENT
Teaching Experience: 23 Years (Both UG & PG)



DR. AMITABHA BISWAS
(M.A., B.Ed., Ph.D.,)
ASSISTANT PROFESSOR
Teaching Experience: 30 Yrs (School+PG)



DR. SOUMI DAS
(M.A., Ph.D.,)
ASSISTANT PROFESSOR
Teaching Experience: 1 Years



DR. MOUMITA BISWAS
(M.A., M.Phil., Ph.D.)
ASSISTANT PROFESSOR
Teaching Experience: 6 Years (UG)

5) RESEARCH:

- Our Department provides facilities for doing research in every branch of Bengali literature like Old-Bengali and Medieval-Bengali literature, Dramatic literature, Poetic literature, Prose literature, Novel and Short-stories and also Tagore literature etc.
- Research oriented works can be done according to the rules and regulations of UGC and University.
- 14 and 5 research scholars are doing their Ph.D. and M.Phil. in our department.
- Most of the Ph.D. scholars have completed their Pre-submission seminar. Shortly they will submit their Final thesis.

6) BEST FACULTY PUBLICATIONS (based on last 5years) :

Professor's Name	No. of Books	No. of Articles /Chapter in Books	No. of Seminar Proceedings	No. of Articles/Paper Published in Journals
DR. SOMA BHADRA RAY	8	14	10	28
DR. MOHINI MOHAN SARDAR	7	7	3	12
DR. AMITABH BISWAS	3	22	-	6
DR. MOUMITA BISWAS	-	1	-	3
DR. SOUMI DAS	-	3	3	-
Total	18	47	16	49

7) STUDENT PERFORMANCE & PROGRESSION :

STUDENT PERFORMANCE & PROGRESSION

Beside studies all kind of extra curricular activities are also encouraged by the Department. Students are performs-

- Drama, Dance, Recitations.
- Observe several occasions like birthday celebration of Swami Vivekananda, Netaji Subhas Chandra Bose, Rabindranath Tagore etc.
- Some picture of students performances and Progression are shown here



लक्ष्यं विश्वमानम्

8) SEMINARS/CONFERENCES/WORKSHOPS/SPECIAL LECTURES ORGANISED BY THE DEPARTMENT(last 5 Years):

International Webinar on “ Mahamari Prasanga : Prekshit Sahitya O Samaj” On 27th July, 2020.

Organized by: Bengali Department and IQAC, West Bengal State University.

Invited Lecturer: 1) **Smt. Bani Basu**, Famous Bengali Writer



2) **Dr. Sarifa Salowa Dina**, Pro Vice Chancellor, Begam Rokeya University, Bangladesh



Webinar conducted by :Dr. Soma Bhadra Ray, Organizing Secretary of Webinar, Associate Professor, Department of Bengali, West Bengal State University.



ONLINE STUDENT SEMINAR

(With the Students of 13th Batch, M.A, Bengali, 2nd Semester, 2021)

Date: 13th, 14th, 16th, 17th, 18th, 19th, 21st August, 2021

Time: From 11 am to 1.30 pm

Organized by: Department of Bengali, West Bengal State University

Convenor: Dr. Soma Bhadra Ray, Head, Department of Bengali

Conducted by:

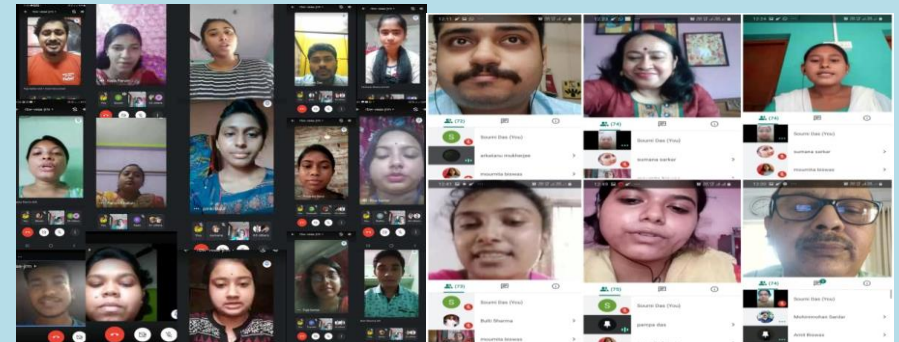
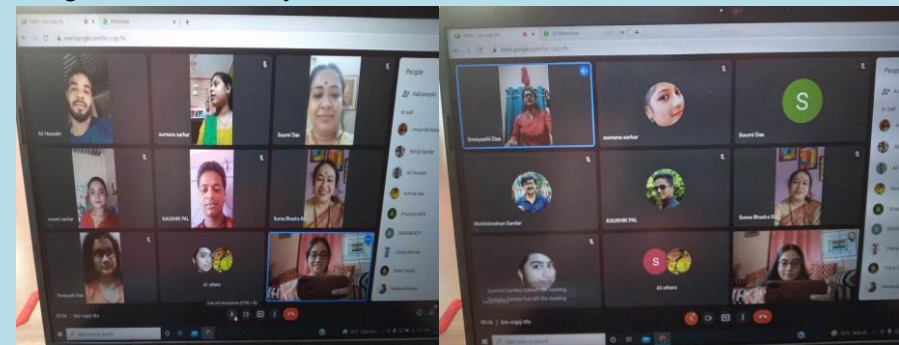
Dr. Soumi Das, Assistant Professor, Department of Bengali

Dr. Moumita Biswas, Assistant Professor, Department of Bengali,

Gracious Presence:

Prof. Mohini Mohan Sardar, Professor, Department of Bengali

Dr. Amitabha Biswas, Assistant Professor, Department of Bengali, West Bengal State University



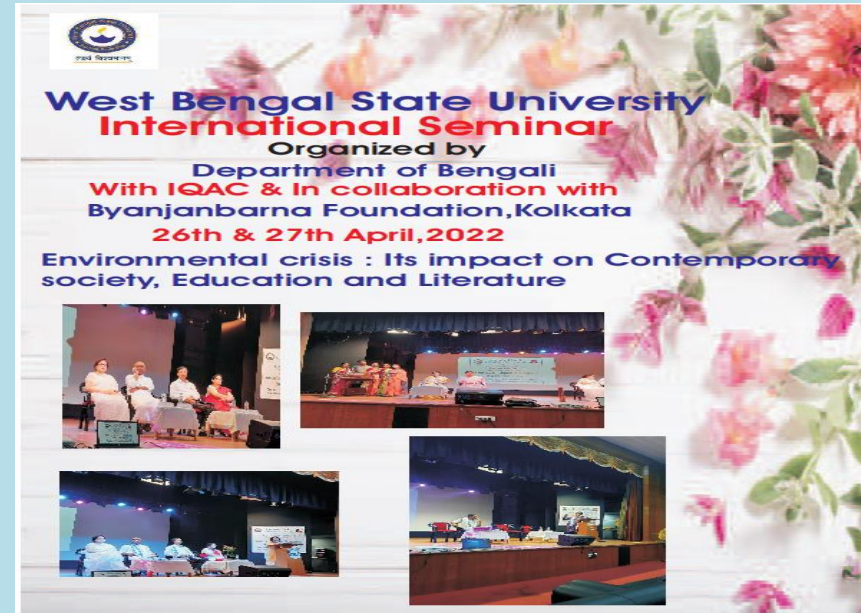
SEMINARS/CONFERENCES/WORKSHOPS/SPECIAL LECTURES ORGANISED

Our Department organized 02 seminars, 01 Workshop and conducted 10 Special Lectures. Some picture of the same are shown here:

❑ NO. OF SEMINARS : 2

❑ NO. OF WORKSHOPS : 1

❑ NO. OF SPECIAL LECTURES : 10



9) EXTENSION PLAN OF OUR DEPARTMENT:

- Beyond the conventional education, to develop the skill of the students in vocational education, our department has proposed some following extension work plan:
- We want to introduce a PG certificate course of **Manuscriptology and Paleography**.
- We want to introduce a PG certificate course of **Preservation of manuscripts, Book-binding and Proof-reading** also.
- **Recitation, acting-learning** related curriculum.
- **Communicative Bengali learning** related curriculum.



10) OUTREACH :

- At least 20 students had qualified National Eligibility Test (NET) examination and among those at least 5 students have qualified JRF.
- At least 10 students have qualified State Eligibility Test (SET) examination.
- At least 30 students are engaged as Primary Teacher and Assistant Teacher in Government and Govt. aided school in West Bengal.
- At least 20 students are engaged as Assistant Professor in different colleges within West Bengal.
- Besides these some students are engaged in different departments like Police department, Metro Rail, Rail Police Force (RPF) and private sector also.

11) BEST PRACTICES OF OUR DEPARTMENT :

BEST PRACTICES OF OUR DEPARTMENT

We have conducted Educational Tour, encouraging students for 100% attendance and also celebrated International Mother Language Day etc in every year. Some picture of the same are shown here:

EDUCATIONAL TOUR	ENCOURAGING STUDENTS FOR 100% ATTENDANCE	
		
	INTERNATIONAL MOTHER LANGUAGE DAY CELEBRATION	
		

The department is committed to provide possible education to the students, make them responsible citizen of Indian and achieve success in their professional life.

DEPARTMENT OF BIOCHEMISTRY

M.Sc. in Biochemistry program of WBSU is a laboratory based science subject course exposing the students in the modern areas of interdisciplinary biological and biochemical sciences. This course introduces the post-graduate students to the state of the art methodologies of biochemical, biotechnological and molecular biological sciences. This course is extremely important from the view point of applied field of interdisciplinary biological sciences. The concept of interdisciplinary sciences is gaining momentum these days and the course of M.Sc. Biochemistry aims at establishing such interdisciplinary orientation in biological sciences removing the subject-wise barriers among Physics, Chemistry, Botany, Zoology, Physiology and other life science oriented subjects. This course also opens the door to a variety of careers. After studying M.Sc. in Biochemistry, students can proceed for a research career in the field of interdisciplinary biological and biochemical sciences by doing Ph.D., doing post-doctoral studies and possess high chances of being appointed as a faculty in an academic institute. After pursuing M.Sc. in Biochemistry, students have also ample scope to get employment as a biochemist/ analytical chemist/toxicologist in several sectors such as employment in government and industrial laboratories, in forensic science laboratories, opportunities in clinical diagnostic medicine in hospitals and in the numerous companies now providing diagnostic procedures, the pharmaceutical, brewing and food processing industries, monitoring and control of pollution, in the biotechnology industry etc. Biochemistry will continue to have very good prospect for the professions of medicine and pharmacy. Opportunities exist in universities and research institutes for biochemists with higher research degrees. With the development of healthcare infrastructure and improved health care financing, the career scope in M.Sc. in Biochemistry is expected to rise more and more in the coming years.

Important aspects of our Department

1. Student-Teacher ratio of 9:1 is maintained in the Department. Individual students are given attention by the Faculty members
2. Regular tutorial classes are taken for NET/GATE examinations and for development of research, industrial and analytical skills.

Every year, ongoing students qualify NET/GATE examinations in the Department

Students are also pursuing PhD in IITs and research institutes in India and abroad. Also, students are recruited in pharmaceutical companies. (One of our students (batch 2019-2021) is pursuing PhD in IIT Roorkee, after qualifying CSIR-JRF and GATE. One of our student (batch 2018-2020) is pursuing M.Tech in IIT Kharagpur with All India Rank 938 in GATE).

Laboratory facility

The Department owns a well-equipped Practical laboratory with state of the art facility. Laboratory facilities include UV-vis spectrophotometer, laminar air flow, autoclave, BOD incubator, hot-air oven, protein and DNA gel apparatus and other small instruments.

Classroom facilities

Classrooms are equipped with projector, laptop and internet connection.

Other academic activities

1. Students are frequently encouraged to attend seminars, workshops, conferences.

International webinars, Special lectures are also organized to inspire students for pursuing higher studies in specific research areas in each session.

Current Faculty Members :

Name	Designation	Research interest
Dr. Madhurima Chakraborty, (Coordinator)	Assistant Professor	Bimolecular interaction, Nanotechnology, Biophysical Chemistry, Theoretical Biochemistry
Ms. Mitali Manna	Assistant Professor	Biophysical chemistry, Macromolecule-micromolecular interaction, structure determination of peptide and oligonucleotides
Dr. Tanaya Das	Assistant Professor	Cancer Biology, Microbiology, Protein purification

Visiting Faculty Members in specialized fields are also engaged for taking classes.

Minimum qualifications for application to M.Sc. course :

1. B.Sc. (Hons.) degree in Chemistry /Biochemistry/ any branch of life sciences with Biochemistry as a major paper in their B.Sc. course.
2. Chemistry as one of the pass subjects.

This course enlightens the students with the latest concepts and understandings in cellular biochemistry of the living system so that they can qualify State and National level entrance examinations like NET, SET and GATE. The students will also feel motivated to carry out higher studies. This course will also help the students to pursue jobs in Pharmaceutical companies, Medical organizations and others.

Student Strength / Intake Capacity : 27

DEPARTMENT OF BOTANY

(A DST-FIST & DBT-BOOST supported department)

The Department of Botany, has a strong emphasis on the interdisciplinary approach and offers M.Sc. under the CBCS pattern and Ph.D. courses. New niche areas in plant developmental biology, molecular ecology, statistical genetics, transcriptomics of stress interactions of plants, next gen sequencing, predictive models of decision support systems combining large data as well as artificial intelligence and population genetics studies in preventing disease losses, structural modelling and phylogeny constructions through bioinformatics have been created due to cutting edge research in these fields which are now all a part of the Plant sciences all of which are emphasized in the various core and elective courses of the M.Sc. program in Botany. The syllabus endeavors to expose the student to these changes in order to bridge the traditional boundaries of the subject and excite him/her not only to carry on further higher studies but also to prepare him for the future workplace.

This modern and updated syllabus and the vibrant research atmosphere in the department helps the M.Sc. students to regularly qualify national and state level research/lectureship aptitude tests like NET/SET/GATE and

take up research and teaching careers in higher educational institutions. On an average in the period between 2015-2020 more than 17% of the students qualified NET/SET examinations in Life Sciences. They are also encouraged to participate in symposia/seminar and present their dissertation work done as a part of their Master's program. Resource persons from neighboring Universities and research Institutes take classes to augment the teaching activities of the department. The current intake for M.Sc. in Botany is 27 students.

The broad areas of research undertaken in this department leading to Ph.D. degree are Plant Stress Biology; Molecular Ecology, Plant Molecular Virology; Genetic diversity, Population genetics, Molecular identification and Genomics of Phyto-pathogens; Plant Biotechnology and Crop improvement; Tissue culture, Tree improvement and Reproductive biology. The No. of students registered till date for Ph.D. are 36 of which 13 have been awarded and 15 students have submitted, the rest are still pursuing their Ph.D.

The department has a strong research output as evidenced by publications in acclaimed peer reviewed and high impact factor international journals in plant/biological sciences. The research programs are usually socially relevant and translational in approach and outputs are often highlighted in both print and electronic media viz. Vigyan Prasar, Govt. of India. Competitive research funding from various agencies like DBT, CSIR, ICAR, DST, DRDO, etc and competitive infrastructural funding from DST (DST-FIST) and DBT (DBT-BOOST) allows sophisticated and advanced instrumentation and a vibrant research output.

The department has active research collaborations with various international institutes like Department of Plant Pathology and Plant-Microbe Biology, Cornell University, Ithaca, NY, USA; North Carolina State University, USA; James Hutton Institute, UK and national institutes like Bose Institute, Kolkata; Central Research Institute for Jute & Allied Fibres (CRIJAF, ICAR); Department of Structural biology and Bioinformatics, Indian Institute of Chemical Biology, Kolkata; Genetics and Plant Propagation Division, Tropical Forest Research Institute, Jabalpur; Plant Bioresources Division, Regional Centre of Institute of Bioresources and Sustainable Development, Sikkim; Department of Biotechnology, Panjab University; etc,. It also has an industry academia Memorandum of Understanding. The faculty members have also received

various prestigious National and International awards like Fulbright Nehru Senior Fellow, Commonwealth Professional Fellow, DBT-Travel Award, etc and serve as (scientific) committee members on international bodies/fora.

Faculty members :

- | | |
|-------------------------|---------------------------------|
| 1. Professor- | Sanjoy Guha Roy, Ph.D. |
| 2. Associate Professor- | Anup Kumar Sarkar, Ph.D. (Head) |
| 3. Associate Professor- | Krishna Ray, Ph.D. |
| 4. Associate Professor- | Ang Rinzing Sherpa, Ph.D. |

DEPARTMENT OF CHEMISTRY

(A DST-FIST sponsored department)

The Department of Chemistry is DST-FIST sponsored department of the University. The department offers M.Sc. in Chemistry and Ph.D. courses. The present intake capacity of the department is 35 in M.Sc. Inorganic, Organic and Physical chemistry are the optional papers available to the M.Sc. students. About 20 % of our M.Sc. students qualify in the NET/SET and GATE examination. Research in collaboration with different Universities and Institutes are going on. Research areas of the department includes Fluorescence spectroscopy of different organic dyes, synthesis, characterization and application study of nanomaterials, dye-doped-nano-particles, synthesis and characterization of organic dyes and bio active natural products, synthesis of inorganic metal complexes and study of their biological profile and magnetic property etc. Several research projects are already running in the department funded by CSIR and DST, Govt. of India and DST, West Bengal. The department regularly organizes seminars and special lectures delivered by eminent Indian and overseas scientists for the benefit of the students.

Faculty members:

1. Dr. Mukut Chakraborty, Professor (Head)
2. Dr. Ranjan Das, Professor
3. Dr. Chirantan Roy Choudhury, Associate Professor
4. Dr. Jhimli Sengupta, Assistant Professor
5. Dr. Suman Biswas, Assistant Professor

DEPARTMENT OF COMMERCE

Courses Offered by the Department

The Department of Commerce offers M.Com degree and the Ph.D. degree in Commerce. M.Com Degree is being provided to those students who come from the Commerce Stream in the Graduation.

Specialisation and Optional Papers for the PG Department

Apart from its core papers offered in First and Second Semester, the Department offers 4 (four) different types of Specializations to its caterers in the Third and Fourth Semesters, like : Accounting & Finance (which includes Corporate Financial Accounting & Reporting, Corporate Tax Planning & Management etc.) and Marketing (which includes Sales Management, Consumer Behaviour & Market Research etc.).

Collaborative Research

Grant Received from the Indian Council of Social Science Research (ICSSR) for a Major Research Project run by Professor Pranam Dhar as Supervisor and the project has been successfully completed in 2017 and many other collaborative projects with Malaysia, Canada, Bangladesh and many other countries.

Research Area of the Department

Accounting & Finance, Management, Taxation, Systems & Information Technology, etc.

Others, if any

The Department of Commerce is having 2 numbers of faculties serving in different areas of specialization as mentioned above, who have lots of contributions in the field of academics as well as research in their specified fields. They are:

1. Professor Pranam Dhar (Head)

M.Com, Ph.D., Dip.Acct., GDCA. D.Litt. (h.c.)(Management)
Professor of Commerce

2. Professor Kiranjit Sett

M.Com, Grad CWA, Ph.D.
Professor of Commerce.

1. Number of Students Passed out in the year 2020-21

Finance	07
Marketing	02

2. Number of Students Qualifying NET / Other Important

Examinations :

NET (One got topper position in WB)	03
Got the Job of Assistant Professors in Colleges/Universities	06
West Bengal Audit & Accounts Service	01
School Service	03

3. Special Award for Students :

N.A.

4. Special Award for Teachers :

Professor Pranam Dhar

Awards Received

1. 'Research Innovation Award 2021-22, conferred by Indian Academic Researchers' Association, Tiruchirappalli, May, 2022.
2. Best Programme NSS in West Bengal Award 2020-21, conferred by the Department of Higher Education, Government of West Bengal in January, 2022.
3. NSS Netrutwa Award 2021 from Krishna Foundation, Mumbai.

5. Number of differently-able students enrolled in the Department: Nil

6. Number of Publications from the Department in the year 2021

	National	International
Prof. Pranam Dhar	05	08
Prof. Kiranjit Sett	N.A.	N.A.
Total	05	08

7. Number of Seminars / Conferences / Workshops attended by the teachers in the year 2021

Prof. Pranam Dhar	67
Prof. Kiranjit Sett	08
Total	75

8. Number of Seminars/Conferences/Workshops arranged/organized by the Department in the year 2021-22

01

(One-Day International Symposium on Indo-Canada Collaborations organized by the Department of Commerce, West Bengal State University in collaboration with Bharat Centre Canada.)

9. Number of Books/Volumes published by the Department in the year 2017

	Authored	Edited
Prof. Pranam Dhar	04	03
Prof. Kiranjit Sett	N.A.	N.A.
Total	04	03

10. Any special care taken by the Department to improve the teaching/learning process in the year 2021-22

13 number of invited lectures arranged for the Departmental Research Scholars and other stakeholders as a part of Ph.D. Coursework Work in 2021-22.

11. Any bottleneck faced by the Department in implementation of certain work in the year 2021-22

The following bottlenecks were faced by the Department:

1. Lack proper journals/e-journals in the university library
2. Lack of proper research laboratory in the department including corporate database and statistical software

12. Any other relevant information that needs to be highlighted

(a) Invited Lectures

Prof. Pranam Dhar	68
Total	68

(b) Paper Presentations in National/International Conferences / Seminars

Prof. Pranam Dhar	17
Prof. Kiranjit Sett	N.A.
Total	17

(c) Chairing/co-chairing Technical Session/s

Prof. Pranam Dhar	23
Prof. Kiranjit Sett	N.A.
Total	23

(d) Degree/s awarded/Conferred

Prof. Pranam Dhar D.Litt.(Peace Studies) (HC)

(e) Theses Supervised

Prof. Pranam Dhar	14
Prof. Kiranjit Sett	01
Total	14

(f) Newspaper Articles

Prof. Pranam Dhar 24

(g) Book/Research Papers Reviewed

Prof. Pranam Dhar	21
Total	21

(h) Member of Editorial Board of Journals

Prof. Pranam Dhar	16
Total	16

(i) Major/Minor Research Project Completed

Prof. Pranam Dhar & Dr. Anirban Sarkar 01
(ICSSR-Sponsored Major Research Project)

DEPARTMENT OF COMPUTER SCIENCE

About the department: The Department of Computer Science started to function from the inception of the University in 2008. It is one of the youngest P.G. departments in India. The department is equipped with a good computer facility with open source software and Operating System and connected via wireless. From inception, the main objective of the department remains to provide quality education and create employable human resources in Computer Science by appointing eminent guest faculties from different renowned Universities and Institutions like ISI, CU, JU, WBUT, KU etc. The department offers specialization courses and provides state-of-the-art problem oriented projects in the final year of the P.G. course. At present, along with P.G. the department offers PhD programs in Science. Till now 50 passed out students are either employed or doing higher studies in different prestigious Universities & Institutions

including Calcutta University, ISM Dhanbad, ISI Kolkata etc. Currently the department has 45 students pursuing their M.Sc. and 19 PhD scholars.

Computing Facility: The department provides a sufficient number of Computers for each PG student and researchers so that students can get hands-on experience in the practical areas. The lab is equipped with 26 desktop PCs (up to i7) and one server all loaded with licensed/ open source operating systems (mainly Ubuntu) and connected via LAN/Wireless network. The students can freely access the desktop and are allowed to customize the same depending on requirement with keeping access open to all.

Courses offered: M.Sc. in Computer Science with state of art specialization-Ph.D. Programme as per UGC guidelines.

Research: The department is engaged with thrust areas of research, mainly action research in Computer Science. The outcomes of the research and development activities are published in reputed International/National journals and conferences. Many research papers are published in high quality International Journals having good impact factors. The department is driving for further improvement in research and development activities, especially in experimental areas. There are projects from DST that are also running in the department. Till now the department has published more than 170 papers in International/National Journals and conferences with more than 85 are in journals with cumulative impact factor about 50.

- The main research areas are: Computer Vision and Pattern Recognition, Document Image Processing & Analysis, Natural Language Processing, Graph Theory, Algorithms, Mobile Computing, Cloud Computing etc.

- The department organizes coursework on computer applications on Open Office, Latex, OPENCV, DVF, GIS, R, Octave, Julia etc. for the last three years and plans to continue further.

- Externally funded project is also running in the department (Funded by SERB, DST).

- Other Activities:** The department has organized a Microsoft Saksham program for 40 teachers of the University. In Collaboration with IOTA it

has organized a teachers training program for nearly 200 School teachers. It provides Hardware and Open Source Software courses for students of the University and local people. It also organized a 15 days Hardware course for teachers of the University.

- Seminar and Conferences:** The department has organised 5 workshops three of 1 day 1 of 2 day and the other of 5 day duration. The faculties of the department have attended and presented papers in 15 International conferences. The scholars have also attended 4 such conferences The department conducts and organises seminars by external experts (from various Universities/Institutes), internal experts as well as by PG students and Research Scholars. Eminent professors like Prof. Dwijesh Dutta Majumder, Prof. Ashok Dutta, Prof. D. P. Mukherjee, Prof. Umapada Pal, Prof Bimal Roy, ISI Kolkata, Debashis Mazumder, CDAC-Kolkata, Prof A. Chowdhury, Prof. N. Mukherjee, Dr. Sudip Kumar Naskar, JU, Prof. J Sil, IEST, Prof. S. Sensharma CU, delivered seminars on the areas of Document Image Processing, Cryptography, Fuzzy Logic, Image & Video content retrieval, Speech Acoustics, Cryptography, Mobile Computing, Natural Language Processing etc. The faculty members also delivered invited lectures in different institutions.

Student Database: Intake: 17 (2008), 13 (2009), 14 (2010), 17 (2011), 12 (2012), 17 (2013), 15 (2014), 16 (2015), 13 (2016), 11 (2017), 17(2018), 21(2019), 28(2020), 26(2021).

Job/NET/GATE/SET/RET/Higher-Education: (i) A substantial number of pass out students are doing job at Govt Sector(7), Colleges(15), IT companies(4), Banks(4), Income Tax(1), West Bengal Police(2), School-6, etc. (ii) Many students have qualified in NET(5), GATE(5), SET(4) etc. (iii) Some of the students are pursuing PhD at various Universities/Institutes like, Calcutta University, ISM Dhanbad, Jadavpur University, University of Hyderabad etc.

Phd: No. of enrolled students- 30 Out of them 5 students are the ex-students of this department and 6 has completed PhD.

Computer Center: This facility is used by the department of Computer Science, Geography, Physics, Mathematics, Statistics etc. For M.Sc Practical along with all the departments for their PhD coursework. The PhD Course work on Computer application is organized in this center.

Every year more than 200 MPhil / PhD aspirants complete their coursework under this center. Here the center organizes coursework on Open Office, Latex, OPENCV, DVF, GIS, R, Octave, Julia etc. for the last three years and plans to continue further. The center has organized workshop for teachers in collaboration with IOTA for 3 days a batch and nearly 200 teachers of north 24 parganas were given training in local language e.g. Bangla on Linux (Baisakhi Linux). The program was sponsored by the government of WB through IOTA. The center has organized workshops for teachers on 15 days duration on hardware. It has also organized a Microsoft Saksham course to enable teachers on ICT initiated by MHRD & Microsoft. We have organised the hardware and software programs for non teaching staff, students and local youth for their future empowerment and career growth. We are doing research in the emerging areas of our regional level language BENGALI in the area of handwritten recognition and Bengali word sense disambiguation to help the local people to take advantage of IT in their native language.

Other activity of the department: The department has its own logo and published 2 editions of its departmental magazine “Compute”. The department is driving for excellence in teaching and research.

Faculty members: The permanent faculty members and few regular guest teachers of the department is listed below:

- 1) Dr. Kaushik Roy, Professor (Head)
- 2) Dr. Rajat Pandit, Assistant Professor
- 3) Dr. Krishnendu Basuli, Assistant Professor

DEPARTMENT OF ECONOMICS

The Department of Economics, since its inception in 2008 offers M.A./M.Sc., M. Phil. and Ph.D. program in Economics. The Department focuses on quantitative approach and application based orientation for the students to ensure quality teaching and research in Economics. Learning from field level experience through local community level survey is also emphasized.

Curriculum: Unique Features

Post-Graduation program (M.A./M.Sc.) consists of four semesters (92 credits, 1200 Marks) and the present intake capacity is 46. The program emphasizes both theory and practical applications of economic problems. The curriculum attempts to offer critical yet flexible courses, with special emphasis on interdisciplinary and comparative perspectives, which should prove to be both academically viable and socially relevant. Courses are designed in a way to build strong analytical base of the students for their understanding of contemporary economic issues. A separate course on Data Analysis with R language has been introduced to enhance students' data analysis skills for their future prospects.

A field survey based project work along with computer applications is taken up as a part of the Post Graduate curriculum. The purpose is to expose the students with field level experience of data collection through sample survey techniques. They will learn to formulate the research problems, to collect necessary data and to apply proper statistical and econometrics techniques to analyze the data.

Research Areas

The major research areas of the Department includes Environment and Resource Economics, International Trade and Development, Rural Poverty and Unemployment, Women and Children Development, Agricultural Economics - Productivity and Efficiency Measurements, Financial Inclusion Issues, Microfinance and Rural Credit, Women Empowerment Issues, Income Inequality, Poverty Issues, Issues on Development and Wellbeing, Applied Time Series Analysis, Financial Economics etc.

Students' Achievements

More than ten Research Scholars have been awarded Ph.D degree and four students have been awarded M.Phil degree in the last seven years. At present there are 21 registered Ph.D. students. More than ten students have qualified NET/NET (JRF) examination in the last seven years. Most of our students are placed in several Govt. and Private Organizations/Institutes in various capacities. Five Research Scholars of the Department have been placed as Assistant Professor against substantive posts in different colleges

of our State. More than six students have been appointed as State Aided College Teachers in different Colleges/ Institutions. Some of our students are pursuing higher education in other well known Universities/Institutions at M.Phil & Ph.D level.

Seminar/Conferences/Workshops

The Department organizes Seminars, Special Lectures, Workshops and Conferences to promote research interest amongst students of PG, M. Phil and Ph.D. programs and even teachers of affiliated colleges. Eminent scholars and economists from different fields are invited from time to time to deliver lectures for the students.

Faculty Publications

The faculty members have a large number of publications to their credit which include authored and edited books, papers in national/international refereed journals, and chapters in edited volumes. About 100 research papers have been published by the faculty members in reputed journals and in Edited Volumes in the last seven years. 74 research papers have been published in refereed journals of national and international repute such as *International Journal of Ecology, Environment and Conservation, Journal of Social and Economic Development, Indian Journal of Ecology, Asian Journal of Multidisciplinary Studies, New Zealand Journal of Forestry Science, Economic and Political Weekly, Indian Journal of Agricultural Economics, KEIO Economic Studies, Indian Economic Review, Economics Bulletin, Gender in Management, International Journal of Development Issues, International Journal of Development Research, International Journal of Social Economics, International Journal of Economic Policy in Emerging Economies, International Econometric Review, International Journal of Food and Agricultural Economics, SN Business and Economics, Economics of Agriculture, Global Business and Economics Anthology etc.* 18 research papers have been published in Edited Volumes published by renowned publishers like Springer, Sage, Routledge, Emerald etc. 26 research papers have been published in Edited Volumes published by renowned publishers like Springer, Sage, Routledge etc. Moreover, two books have been published from Springer.

Invited Lectures/Paper Presentation

Faculty members of the Department have been invited for Special Invited Lectures and presentation of their research works in different foreign

countries like France, England, Japan, Sweden, Switzerland, Norway, Netherlands, Finland, Denmark, Romania, Portugal, Ireland, Australia, South Korea, Vietnam, Philipians, Malaysia, Iran, China, Sri Lanka – with grants received from various institutions.

Research Projects

The faculty members are actively involved in different research projects with different Universities and Institutions. They have undertaken various research projects funded by ICSSR/UGC. Notably, the Department has one ongoing IMPRESS Research project funded by the Indian Council of Social Science Research (ICSSR), New Delhi, Ministry of Human Resource Development, Government of India.

Faculty Members

Name	Qualification	Designation	Year of Experience (Teaching&Research)
Jyotish Prakash Basu	Ph.D	Professor	31
Dipika Basu	Ph.D	Professor	21
Debabrata Mukhopadhyay	Ph.D	Professor	21
Chandralekha Ghosh	Ph.D	Professor	18
Jayanta Sen (Head)	Ph.D	Professor	17

DEPARTMENT OF EDUCATION

The Department of Education, West Bengal State University started its journey in 2008. It offers M.A. and Ph.D programme in Education. From 2019 -20 academic session, CBCS syllabus has already been started by the Dept. The core courses offered by the Dept. are- Philosophical foundation of Education, Psychological foundation of Education, Methodology of Educational Research, Statistics in Education, Sociological foundation of Education, Pedagogical Studies, Contemporary Issues and Trends in

Education, Psychology of Learner and Learning Process, Educational Technology, Educational Management, Curriculum Studies, Value and Peace Education. The Discipline Specific Elective (DSE) Courses are-Guidance & Counselling, Economics of Education, Teacher Education and Policy & Planning in Education. The Practical Courses include Evaluation of Speaking & Listening Skill, ICT in Education, Development of a Standardized Test, Review of Related Literature on a given topic, Dissertation/Project work. Communicative English is treated as Ability Enhancement Compulsory Courses (AECC), where as Communication Skill is treated as Skill Enhancement Course (SEC).

Various special lectures were conducted by the Department in which eminent personalities from different universities were present. Two State level Seminars, three National level and one international level seminars were organized in which national and international educationists were present. Moreover a three day international level webinar was organized in 2020 and a seven days online lecture series on NEP-2020 was organized in 2021 by the Department during this pandemic period.

Co- curricular activities like freshers' welcome, Observance of Teachers' day, Fare-well ceremony of the outgoing students etc. are regularly organized by the Deptt. Besides these, Re-union cum picnic, Educational Tour, NET/SET coaching classes by the Alumni Association etc. are properly organized by the Department. In the university Sports & Games, the performance of the students is noteworthy. The departmental Text Book Library is financed by ex-students and controlled by present students. In the month of June, 2021 the Department sent food & other materials as relief to the people of Yas –affected area of Bhandarkhali. The success-rate of the students in NET/SET/SSC is really remarkable. Dr. Ajit Mondal and Dr. Shnaoli Chakraborty Acharya have been serving as full-time Assistant Professor in the Department. Moreover, six Guest Teachers are rendering their service in the Department. Prof. Abhijit Kumar Pal is now acting as Head of this Department.

Faculty Members

1. Professor Abhijit Kumar Pal (**Head**)
2. Dr. Ajit Mondal, Assistant Professor
3. Dr. Shnaoli Chakraborty Acharya, Assistant Professor

DEPARTMENT OF ELECTRONICS

About the Department: Department of Electronics started to function from the inception of the University in 2008. From the inception, the main objective of the department remains to create employable human resource in Electronics Science. At present, the department offers M.Sc. in Electronics and PhD in Science programs. The department is driving for excellence in teaching and research.

Laboratory: Excellent laboratory facilities are provided to PG students and special attention is paid so that student can get hands-on experience in the practical areas. The department provides sufficient number of trainer kits, measuring instruments and spare parts for conducting laboratory courses in various areas such as: Analog Circuits and Systems, Solar Cell Characterization, Band-gap measurement, Barrier potential measurement of PN Junction, Junction capacitance measurement, A number of Experiments on Digital Circuits, DSP (from TI), Electronic Analog and Digital Communication, Fiber-optic Analog and Digital Communication, Microprocessor, Microcontroller, DAC's for Microprocessor and Microcontroller, Microcontroller Burning system, Sensors and Transducer etc.

Computing Facility: Department is well equipped with sufficient number of computers. All the computers are connected through a dedicated broadband Wireless Network Connection (WNC) for availing internet. The computers are provided to students while teaching Programming Language and embedded systems.

Research: The department is engaged with thrust areas of research, both in experimental and theoretical research in Electronics. The outcomes of the research and development activities are published in International/National journals and conferences of repute. Many research papers are published in high quality International Journals having good impact factor. The department is driving for the further betterment in research and development activities, especially in experimental areas. The main research areas are: Bioelectronics, Biomedical Imaging, Analog Circuits, Quantum computing, Nanodevices, Instrumentation and Digital Signal Processing.

Seminar and Conferences: The department conducts and organises seminars by external experts (from various Universities/Institutes), internal experts as well by PG students and Research Scholars. The faculty members are also delivered invited lectures.

Job/NET/GATE/SET/RET/Higher-Education: (i) A substantial number of pass-out students are in job at TCS, CTS, IBM, Capgemini, Accenture, Jio Networks, Progathi Solutions, HSBC, Prasar Bharati, Indian Railway etc. This is now a common practice of the department that the students got job offer even before completion of M.Sc. course. Special care and initiatives are taken from the department side. (ii) A large number of students are in Govt. sector (WBCS, UPSC, SBI, School Teacher etc.). (iii) Many students qualified NET, GATE, SET, ISRO-JRF etc. and pursuing research job in India or abroad. Department takes initiative for these national level competitive examinations for every batch of students. (iv) Now in every year, a significant number of students are going abroad for pursuing PhD with Scholarship/Stipend in various foreign Universities/Institutes of repute.

Syllabus: The PG syllabus is revised time to time and is up to date. In updating the syllabus, industrial requirements, modern science and technologies are taken care of.

Faculty Members

Dr. Arijit Roy, M.Sc., M.Tech., Ph.D., Assistant Professor in Electronics (**Coordinator**)

Dr. Madhabi Ganguly, M.E., Ph.D., Assistant Professor in Electronics

DEPARTMENT OF ENGLISH

About the Department: The Department of English was established in March 2009 with 7 full-time sanctioned posts along with a temporary teaching assistant to help in the establishing of the new department. The Department was headed by Professor Jayati Gupta who joined the University as a full-time Professor.

Courses Offered:

- MA in English
- Ph.D

While framing the syllabi, the Department decided to strike a balance between canonical areas and emerging concerns. The syllabus places a strong emphasis on literary theory with considerable emphasis on English Linguistics and English Language Teaching. Our teaching methodology comprises the traditional lecture method along with tutorials, interactive classes, group discussions, students' presentations, & workshops. To equip the students for further research, term papers and dissertations are included at the post graduate level. Envisioning the department as a centre of active intellectual and research exercise, the Department organizes special talks, seminars, conferences, symposiums and workshops at the national and international levels. The Department has established a Language Lab to facilitate the teaching/learning of the English language. The Department proposes to offer a course on 'Communicative English' to enable the young students to use English language effectively for practical purposes in everyday life. The department has a small Departmental Library initiated with a special fund granted by the University for the resounding achievements of the students in the NET and/or SET examinations.

Other information about the Department:

1. Details of Fulbright Scholars hosted by the Department:
 - a) Dr. Richard Sharp, Catholic University of America, Washington Fulbright Fellow of 2013-2014
 - b) Prof. Abhijeet Paul, Berkeley University of California Fulbright Fellow of 2022-2023
2. Our course includes South Asian Literature as a major component and a Third Theatre Drama Workshop conducted by members of Badal Sircar's group is organised for students as part of course.
3. English Language Teaching, with a syllabus that approximates a professional course, forms a major component of our syllabus.
4. Emerging areas such as Gender Studies, Dalit Studies, Folklore Studies, Neo-Victorian Studies, and Adaptation Studies are a part of our syllabus.

5. The Department of English has established under it the Centre for Studies in Gender, Culture & Media (CSGCM) from December 2019. The focus of the Centre is multi-disciplinary exploring the rich exchanges between literature, and culture, gender and media studies. It aims to host several academic events to boost the vibrant research environment of the department, and to contribute to the intellectual growth of the university.

6. The WBSU Sejong Institute offers Korean Language and Culture Certificate Courses, and was established in 2018, in collaboration with Anyang University, South Korea. This Centre works in close association with the Department of English.

Faculty:

Sipra Mukherjee

Position: Professor, Head of the Department

Qualifications: M.A., MPhil., PhD

Chandrava Chakravarty

Position: Professor of English

Qualifications: M.A, PhD

Other positions: Director, Centre for Studies in Gender, Culture and Media (CSGCM)

Sneha Kar Chaudhuri

Position: Associate Professor of English

Qualifications: M.A, PhD

Other positions: Deputy Director, Centre for Studies in Gender, Culture and Media (CSGCM)

Somak Mandal

Position: Assistant Professor

Qualifications: M.A., PhD

Other positions: Director, Korean Language & Culture Programme, Sejong Institute, Barasat

Post-graduate Syllabus:

Semester 1:

Core I: Language Studies I 4

Core 2: Language Studies II 4

Core 3: Colonial & Postcolonial Indian Writing (Fiction & Non-fiction) 4

Core 4: Core 4: Colonial & Postcolonial Indian Writing (Drama & Poetry) 4

Core 5: Indian Literature from the Peripheries 4

AECC: Academic Writing

Semester 2:

Core 6: Shakespeare & Earlier English Renaissance. 4

Core 7: The Literature of the Later English Renaissance 4

Core 8: Literature of the Long Eighteenth Century (Drama & Poetry) 4

Core 9: Literature of the Long Eighteenth Century (Fiction & Non-fiction Prose) 4

Core 10: South Asian Literature 4

Skill Enhancement Course: Language Essentials for Copy Editing. 4

Semester 3:

Core 11: Romantic Literature 4

Core 12: Nineteenth Century Fiction. 4

Core 13: Victorian Poetry & Non-Fictional Prose 4

Core 14: Modern & Postmodern Critical Theory 4

Departmental Special Elective : English Language Teaching I 4

General Elective Course: Gender & Literature 4

Semester 4:

Core 15: Modernism & After I 4

Core 16: Modernism & After II 4

Core 17: Other Literatures Written in English 4

Optional 18: Project/Dissertation 8

Departmental Special Elective : English Language Teaching II/American Literature II 4

Areas of research offered for Optional Course :

Biography/Autobiography/ History and Literature/ Gender and Literature/ Literature and the Visual Arts/ Book Illustration/ Literature and Fantasy/ Children's Literature/ Neo-Victorian Studies/ Travel Writing/ Literature and Film/Adaptation Studies/ Ecology and Literature/Literature, Orality and Folklore/ Literature and Space/ Trauma and Literature/ Myth and Literature / Stylistics and literature/ Linguistics and Discourse Analysis/ Ecolinguistics/ Linguistic Anthropology /Language Policy and English Language Education/ Curriculum and Syllabus Designing for ESL/ Variables in Language Acquisition/ Literature and Language Teaching

DEPARTMENT OF FILM STUDIES

About the Department

The Department blends the traditional fields of Film Study—History, Aesthetics, Theory, and Criticism of the Cinematic Art—with hands-on-experience of frugal Film Production. Our curriculum is designed to provide students with technical skills commensurate with the emerging industrial trends, as well as scholastic depth demanded in the digital era dominated by intermedial online platforms.

Program offered :

M.A. in Film Studies

Duration: 2 Years (Full Time)

Faculty Members :

Ms. Somdatta Halder

Assistant Professor & Coordinator

M.A. (KU), M.Phil. (JU), PhD (Pursuing) CU

Email:somdatta@wbsu.ac.in

Dr. Sourav Roychoudhury

Assistant Professor

M.A. (JNU & USC), PhD (University of Southern California, USA)

Email:sourav@wbsu.ac.in

Dr. Rajdeep Roy

Assistant Professor

M.A. (JU), M.Phil. (CSSSCal), PhD (La Trobe University, Australia)

Email:rajdeep.roy@wbsu.ac.in



Course Objectives :

History/Theory/Aesthetics

- Comprehensive overview of Popular Cinema, Regional Cinema, and Alternative Film Cultures.
- Training in Online Content Creation for Cinematic Arts.
- Providing research and design skills for contemporary fields of Audio Visual Cultures.

Film Production :

- Project based training in Cinematography, Editing, Direction, and Sound Design for online video creation and media industry.
- Special emphasis on Documentary Film Production.
- Screenplay Writing and Production Management for cinema, television, and new media.

Future Plan :

- Revamping syllabi and upgrading lab/studio facilities to provide better synergy with the industry
- Starting Practice Based PhD program in Film
- Offering Professionalisation classes and Internship opportunities

Infrastructure & Student Facilities :

•**Media Lab:** Edit Bay, Sound Recording and Post Production Suite, Video Conferencing facility, Student Study Kiosk.

•**Film Studio:** Chroma Screen, Film Set, Light and Camera setup

•**Smart Classroom & Screening Room:** In process of converting two traditional class rooms into smart class rooms, one having dedicated screening facility.

•**Library:** In process of building a comprehensive library of online and offline study materials with emphasis on regional language content, and an extensive film database.

Research Area:

Indian Cinema, Bollywood, Bengali Cinema, Indian Popular Culture, Avant Garde and Alternative Film Practices, Transnational Cinema, Latin American Cinema, Digital Culture, Memory Studies, Intermediality, Gender Studies, Television and New Media studies



DEPARTMENT OF FOOD & NUTRITION

The functioning of the Department of Food and Nutrition got a fillip with the process of new teachers, one with considerable experience in university system, joining the department getting over around beginning of 2019, and initiating a slew of activities.

➤ **NEW INITIATIVES:**

- Improvement in teaching learning on a continual basis
- Updating of PG syllabi with input from all stakeholders
- Initiation of Research Programme
- Operationalizing / developing moderate facilities in academic block and laboratory wing.
- Promotion of spirit of collaboration between university department and Industry, learned societies in the field, other university units, departments in affiliating colleges

➤ **ACADEMIC PROGRAMMES**

○ **The PG Programme :**

- Regular classes, continuous assessment and on time conduct and publication of results.
- Students' reasonable involvement in decision making process.
- Head of the department is always accessible to all departmental students and other stakeholders, so also the other teachers.
- Regular mentoring and counselling by the Head of the department and also other teachers.
- Industry visits
- Updating of M Sc Programme syllabus with industry input: A Round table was organized, with participation of senior academicians and dietitians from different hospitals, and inputs were incorporated in the syllabi effective from 2019-21; the syllabi have been adopted elsewhere; an internship as dietitian in hospitals as a part of the programme in place since then.
- The intake capacity in M.Sc programme in Food and Nutrition was increased to 30 from 2019-21 session and then to 45 from 2020-22 session (from only 12 students completing the M Sc programme in 2017-19 session). The capacity: demand ratio remains healthy being more than 1: 9. There are students from different districts of the state of West Bengal joining the M.Sc programme.
- Now the department is one of the large departments in terms of students' intake, among the wet laboratory - based departments of the University.
- All 30 students of session 2019-21 successfully completed the programme requirements in due time after attending classes regularly with zero drop out. 44 students of 2020-22 session are completing the programme requirements after attending classes regularly. All 45 students of 2021-23 batch appeared in second semester examinations after attending classes regularly.

○ **PhD Programme :**

- 33 NET qualified candidates applied for admission in PhD programme in 2022; this was only the second cycle of PhD programme in the Department with the PhD programme being initiated just before the pandemic in 2019 end.
- All candidates working in PhD programme are NET qualified. There are 2 UGC – SRFs, 2 UGC – JRFs and several other fellowship recipients.

○ **Publications:**

- Publication in Springer Nature, Singapore/ Switzerland, WoS journals, is a regular feature in the lab of Head of the Department; other teachers are also engaged in research and publication.

UG courses : administration and facilitation

- The University departmental Head is required to spend considerable time in facilitation of UG examination of Food and Nutrition; other teachers are also involved as Members of the Committee.
- The department served as a venue for undergraduate practical examination in 2019 for the first time; all concerned were requested to provide feedback.
- Presently there are 10 affiliated colleges offering the UG programme; there has been rise in enrolment with effect from 2019-20 session.

Value Added Course: Students get opportunity and grab to pursue Value added Courses / Workshops to improve their soft skills on a regular basis.

Special initiatives for students :

- **Equal opportunity workplace:** student with locomotor disability, visually challenged to some degree were in roll – department provided support as per norms..

- Financial Support to the Needy meritorious students: University provides partial fee waiver to from its CSR fund to deserving students, first generation learners, in addition to the government scholarships; students losing their family members in pandemic were supported financially and otherwise. Departmental Students encouraged to take part in academic conferences and debates in University and elsewhere.
- Departmental students encouraged to take part in academic conferences and debates in University and elsewhere.
- receive additional exposure in Communicating Science, Management of Disasters, Yoga on a regular basis.

Placement: Students completing M Sc programme requirements from 2019 onwards are already serving in responsible capacities in different sectors; getting to work as Interns is no longer a difficult proposition for departmental students.

Students' Progression: Students are qualifying in NET, and also with JRF and joining PhD programmes; pursuing other academic programmes also in their continual quest for academic progression.

Alumni network: functional and regular communication using present day available options.

Small success stories:

- Professor Sunit Mukherjee was honored for his life - long contribution in the field of Food and Nutrition with organization of a Conference –NuTriConf 2. There were about 250 participants. The Keynote address was delivered by noted oncologist Dr S K Nath on Food habit and Cancer. There were oral presentations from research scholars of other universities, ICMR institutes, registered dietitians, young faculty member and Poster presentation by JRFs. Society for Nutrition and Dietetics (SND), Kolkata and also Nutrition Society of India (NSI), Kolkata Chapter collaborated. Undergraduate colleges were involved.
- Several candidates completed PhD with Dr S Mukherjee.

Outreach and Extension activities: The departmental students of masters and research level programmes are involved in outreach and extension activities conducted by the Head of the department on a regular basis and other teachers as well.

Conferences and Symposia held:

- NuTriConf 1 in January 2019, NuTriConf 2 in September 2019, NuTriSymp in September 2019, International Webinar NuTriSymp 2 with IQAC, Twelfth SCM 2020 and so on.

The Road Ahead: Addressing immediately the issue of Wet lab facilities' strengthening and overcoming floor area constraints

Faculties of the Department:

- Shankarashis Mukherjee, Ph.D, Associate Professor (**Head**)
- Reetapa Biswas, Ph.D, Assistant Professor
- Samadrita Sengupta, Ph.D, Assistant Professor

DEPARTMENT OF GEOGRAPHY

The Post Graduate Department of Geography offers a two-year full-time M.Sc. course. The thrust areas of the department are geomorphology, environment, application of remote sensing and GIS and regional development and planning. The Master's course aims to give a comprehensive understanding of the varied fields of physical and human geography which has interdisciplinary and contemporary relevance. The Department aims to improve and update the syllabus in tune with the changing priorities of research and employability in Geography.

The integration of the course with geology, ecology and environmental sciences enable the students to understand the process component of geomorphology, which is essential for a holistic approach towards environmental and hazard management.

The department tries to provide a stimulating research and learning environment together with quality teaching by eminent guest faculties from different Universities and Institutions of West Bengal. The curriculum for the M.Sc. Course in Geography designed for the ChoiceBased Credit System is being followed from 2019 with equal weightage on Core and Elective Courses.

Elective streams offered:

- Applied Geomorphology
- Regional Planning and Rural Development.
- Environment Management

(The number of specializations offered depends on the student and faculty strength)

AEC Course offered:

Communication Skills

SEC Course offered:

Introduction to Computer Programming

Faculty

I. *Subhamita Chaudhuri*, Ph.D. (Professor and Head)

Areas of Interest: Coastal geomorphology, sedimentology, environmental management of coastal areas, ecosystem management and, tidal inlet hydraulics.

There is around 20 eminent guest faculties who have contributed immensely to give shape to the department

Departmental publications in the last 5 years.

The department has 17 publications in the last five years.

Student's achievement (NET/ SET since 2017):

47 students of the department qualified NET, among them 13 students qualified for JRF.

Students pursuing higher studies since 2017: 9 (among them 6 are UGC JRF).

Number of PhD students enrolled: 18 (Eighteen), 7 (five) awarded.

Placement of students since 2017: 29 (Twenty seven)

DEPARTMENT OF HINDI

The Department of Hindi was established in 2008 focuses to popularize and promote Post-Graduate and Research Studies in Hindi. The Department started to offer M.A. Programme in 2009 while Ph.D Programme was initiated in the next year. Within a short span of time, the Department has emerged as one among the prestigious Post-Graduate and Research Department in West Bengal for Hindi Language and Literature. The Department of Hindi provides teaching and research opportunities in various areas of Hindi Language and Literature with an interdisciplinary approach, keeping in view the changing social norms, communication patterns and fast-changing technological development in our time. While drawing up the syllabus, sufficient care has been taken to cater to the contemporary needs of national and global opportunities and make our students and research scholars competent enough to face challenges. From the inception of the Department, Semester system with Optional Courses has been introduced. The CBCS Syllabus has been introduced with effect from Academic Session 2019. It aims for the all-round development of the students with sound knowledge in language and literature. It takes utmost personal care of each and every student as the student intake is not high. The students are prepared for better exposure at the University and National level with the occasional financial support from the Central Hindi Directorate, Ministry of Human Resource Development, Government of India, New Delhi. The students are

introduced to student Seminar and other modes of internal assessment to prepare them for future life. The Department organizes National and International Seminars, Conferences, Special Lectures from time to time in which the students are facilitated by the Scholars and Academicians. Research works on Contemporary Fiction, Contemporary Poetry, Modern discourses and Comparative Literature are in progress. Four batches of candidates have duly completed their course work for Ph. D. The Faculty members take utmost personal care of each and every student.. It also aims to develop a literary taste and literary standard of the students. The students are prepared for better exposure at the University and National level with the financial support from the Central Hindi Directorate, Ministry of Human Resource Development , Government of India, New Delhi. The students are introduced to Student Seminar and other modes of internal assessment to prepare them for future life. The Department organizes National and International Seminars, Conferences, Special Lectures from time to time in which the students are facilitated by the Scholars and Academicians. Research works on Contemporary Fiction, Contemporary Poetry, Modern discourses and Comparative Literature are in progress. Four batches of candidates have duly completed their course work for Ph. D. Programme. 11 candidates have already been awarded their Ph. D. degrees and seven scholars are continuing their research work now. The current intake capacity of students is 50 for M.A. Every year the students are successfully qualifying JRF & NET. A good number of students of the Department have already been placed as the Asst. Professors in different Colleges, as SACT, as Hindi Translator and Hindi Officer in Nationalized Banks, Offices of Govt. of India and other Institutes of high repute. The Department emphasizes the need of the hour i.e. to develop a sense of humanity and brotherhood through the literature teaching.

Unique Features of Curriculum:

Beside teaching the History of Hindi Literature, the Early, Medieval and Modern Hindi Literature the Department also offers a number of

Optional courses on subjects/writers including Bhakti Kavya, Munshi Premchand, Suryakant Tripathi Nirala etc. The Modern Discourses and Literary Thoughts, the Socio-Economic, Political Aspects are also taken into consideration while dealing the a text. Through these courses, the Department attempts to inculcate critical thought, understanding and literary taste. Provisions have also been made for Research Based Seminar Presentation and Grand Vivavoce during the Semesters. Students are encouraged to read and undertake research in Cotemporary Literature so that they may gain insight and knowledge of the contemporary socio-economic realities.

Faculty Members of the Department:

1. **Arun Hota, Ph.D., Professor (Head)**
2. **Vinod Kumar, Ph. D. Assistant Professor (Stage III)**

DEPARTMENT OF HISTORY

The Postgraduate Department of History, founded in September 2008, offers a two-year full-time M.A. course with an intake capacity of 77, the thrust area being Modern Indian History. The Master's programme in History is aimed at competence-building, among those who undertake it, in a holistic, comparative and interdisciplinary perspective; it is intended to help students situate 'humanity' in its social and historical milieu. The CBCS PG syllabus, introduced from 2019, attempts to offer critical yet flexible courses, with special emphasis on interdisciplinary and comparative perspectives, which should prove to be both academically viable and socially relevant.

The thrust areas of teaching and research of the Department include Historiography and Methods in History; State and Polity in Indian History; Social and Cultural History of India; Economic History of India; Popular Culture; Contemporary South Asia; and History of Revolutions in the Modern World.

The Department also runs M.Phil and Ph.D. Programmes in History and conducts course work as part of the programmes. Finally, the Department organizes seminar sessions, special lectures and conferences to promote research interest amongst students of PG, M.Phil and Ph.D. courses and

teachers of affiliated colleges. Students are also encouraged to make academic enquiries into local history.

The Department has built up effective collaboration with the Centre for Studies in International Relations and Development (CSIRD), Mahanirban Calcutta Research Group (MCRG), and Asia in Global Affairs (AGA), Kolkata, in running its optional courses, and conducting seminars and workshops.

The Department offers certain unique facilities to all students such as an Electronic Archive in the Department with a huge number of journal articles and e-books; use of Mobile Phones as an optimum online tool of teaching-learning and research; flexible academic environment with spaces for the development of free thinking and interactions between teachers, students, researchers and external experts; research ethics imparted to PG students from the beginning to prevent plagiarism; and guidance of students to undertake research and produce research papers on local history and culture with particular reference to the 24 Parganas.

The faculties of the Department undertake research projects, and organize and present papers at national and international seminar/conferences. They also have a large number of publications to their credit, which include authored and edited books, papers in national/international refereed journals, and chapters in edited book/conference proceedings.

Faculty Members

Sutapa Chatterjee Sarkar, Ph.D., Professor of History

Kausik Bandyopadhyay, Ph.D., Professor of History

Urvi Mukhopadhyay, Ph.D., Associate Professor in History (**Head**)

Sugata Nandi, Ph.D., Assistant Professor in History

DEPARTMENT OF JOURNALISM & MASS COMMUNICATION

The Department of Journalism & Mass Communication Started its functioning since 2009 with sanctioned faculty strength of two and offers M.A. in Journalism & Mass Communication and Ph.D. courses. The present intake capacity Forty Two and on an average 20% of our students

qualify in NET/SET examination and pursuing Ph.D. with JRF and other fellowships. Three Pass out students with JRF and other fellowships has got permanent professorship in North Bengal University and Colleges. A good number of research papers authored by the departmental faculty members have been published in different reputed National and International journal and presenting research paper in various International conferences like city University Hong Kong, China, Dubai (UAE). The department has organized more than one International Seminar, workshops and produced Twenty Documentary films for social communication. The department has been publishing a journal named “**Reporters’ Radiation**”. The faculty members are honored by various **National Award** like “**BHARAT VIKAS**” and **International level Award for Excellence in Higher Education**.

Faculty Members:

Dr. Gopa Pramanik, Ph.D., Assistant Professor, Journalism & Mass Communication. (Co-Ordinator)

Dr. Pallav Mukhopadhyay, Ph.D., Assistant Professor, Journalism & Mass Communication

DEPARTMENT OF MANAGEMENT & MARKETING

Since the inception of WBSU in 2008, a department initially named the ‘Department of Commerce, Management & Marketing’ (CMM) started its journey and a few years later this department was renamed the ‘Department of Commerce and Management’, which offered M.Com degree and remained functional till 3rd July 2022. On 4th July 2022, this department was bifurcated into two departments, namely the ‘Department of Commerce’ and the ‘Department of Management and Marketing’.

The newly formed ‘Department of Management and Marketing’ is offering two years full-time MBA course (intake capacity at the entry point is 50) from the academic session 2022-2023, with four specializations, namely, a) Human Resource Management b) Marketing Management c) Financial Management and d) Systems and Operations Management. Students would be offered dual specialization under the Choice Based Credit system

(CBCS). The department is having highly experienced full-time faculty members specializing in different areas of Management. Besides, several other eminent members from both academics and corporates with relevant and substantial practical experiences are to serve as Guest faculty members. The department is committed to providing the best and updated management education to the students and thus plays a pivotal role in shaping a bright, creative, successful, and sustainable future for them. It aims to foster the all-around development of students through multi-faceted and technically updated management education to serve society through the generation of well-rounded, multi-skilled, and socially responsible human resources. Accordingly, the syllabus is in tune with the current trends and practices in management studies as well as the UGC guidelines.

The Department ensures to provide full assistance during the internship program inbuilt in the course itself and also will facilitate the proper placement of its students. Besides MBA, the department is also offering a Ph.D. program in different areas of Management for the eligible candidates. All the regular members of the faculty are holding Ph.D. degrees and have teaching and research experiences of more than 12 years. Further, on regular basis, the faculty members publish research articles in national and international journals and edited books.

The Department focuses on organizing different programs like workshops, seminars, and conferences, lectures by corporate experts, and placement consultants at regular intervals. In the future, the department plans to offer short-term certificate courses encompassing the development of business and professional communities in collaboration with different institutions of repute. Workshops on Research Methodology, Entrepreneurship Development, Talent Management, Investment & Portfolio Management, Marketing Models and Research, Digital Marketing, Marketing Analytics, HR Analytics, Modern trends in Optimization, HRIS, Trends in Computer Programming, etc. may be conducted.

The Department also envisages building a computer lab and management lab for providing hands-on training to its students. Different collaborative programs will also be initiated in the future. Thrust will be given to developing entrepreneurship skills among students by forming an entrepreneurship incubation and start-up centers in collaboration with leaders in the industry.

The Centre for Management Studies is also being established to facilitate different self-financing courses beyond the campus for satisfying the need of urban and corporate working professionals. The Centre will spearhead MBA, Executive MBA and the like by joining hands with other institutions of repute. Memorandum of Understanding (MOU) and Memorandum of Agreement (MOA) will be in effect in coming future to realize the stated objectives of the Centre.

Faculty Members :

Prof. (Dr.) Anirban Sarkar, Professor (**Head**), Dept. of Management & Marketing, WBSU

Dr. Ashoke Mondal, Assistant Professor in Management

Dr. Ranjan Kumar Gupta, Assistant Professor in Management

DEPARTMENT OF MATHEMATICS

Mathematics is an essential discipline in the modern world. It provides the necessary tools for understanding and explaining the physical world. Apart from applications in the fields of classical science and technology, mathematical concepts are also being used in the latest technological innovations as well as in various branches of pure and applied sciences, economics, medicine, atmospheric sciences, economics, medicine and even in social sciences. There is a need for good mathematicians with a sound grasp of fundamental concepts, ready to develop new theories and also eager to explore the realms of applications. There is also a serious need in society for dedicated teachers of Mathematics, who can ignite the young minds with their passion for the subject. For all this, it is necessary for the students of post-graduate courses to learn about the new and emerging trends, as well as to have a sound knowledge of the classical fields. The Department of Mathematics is functioning with the aim of producing bright young Mathematicians since 2008. It offers M. Sc. in Mathematics and Ph. D. courses. Two specializations are offered in the second year of the course : Pure and Applied Mathematics. The Department has a well-equipped Computer Laboratory for the use of M.Sc., Ph.D. students and

faculty members. Choice Based Credit System (CBCS) syllabus was adopted from A.Y. 2019-20. About 10% of the students each year qualify the NET and equivalent examinations. Several ex-students are working in colleges and schools of West Bengal, and in National Institutes as JRFs. Research on current and emerging trends of Mathematics is a point of strength of the Department. A good number of research papers are published every year by the faculty members, some of whom are also doing collaborative work with other institutions. The thrust areas of research include : Topology, Functional Analysis, Fixed Point Theorem, Plasma Dynamics, Solid Mechanics, Quantum Mechanics and Bio-Mathematics. Ph. D. degree has been conferred to several candidates of this Department.

Faculty Members :

Chanchal Kumar Basu, Ph.D., Professor in Mathematics (**Head**)

Sarbani Chakraborty, Ph.D., Associate Professor in Mathematics

Sushanta Kumar Mohanta, Ph.D., Professor in Mathematics.

Biswajit Sahu, Ph.D., Professor in Mathematics

Pinaki Shankar Gorain, Ph.D., Assistant Professor in Mathematics

DEPARTMENT OF MICROBIOLOGY

The Department of Microbiology initiated its journey in 2008. From then on it has been successfully training students in different fields of life sciences with prioritization in various avenues of microbiology. The secret of success of the Department lies in the academic environment and close ties between teachers and students. While one enjoys such flexibility, a rigid discipline is maintained as far as the classes and projects are undertaken. This makes the department efficient as a research institute without the official rigidity there in. The department, along with conferring Masters in Science have also been involved with the Ph.D. program.

The M.Sc. curriculum is divided into 4 semesters in 2 years. CBCS course structure has been implemented at PG level since 2019. Choices are being offered in DSE courses in Semester 3 and 4 respectively. Students get choices between Bioethics and Intellectual Property Rights and Bioprocess Technology in Semester 3 and between Environmental and Agricultural Microbiology and Application of Microbial Technology in Semester 4 (Tentative). In the final semester students undergo a dissertation / project / review study to be acquainted with the recent methodologies used in modern day research. The students actively participate in regular journal clubs and are also encouraged for an industrial visit during the last semester of the curriculum.

The students of the department have successfully qualified national-level examinations like ICAR- NET, GATE, UGC NET, SLET and other competitive exams at state and national level. The success of the department lies with the proper placement of its alumni. At present students from previous batches are happily established and pursuing research in various Universities and Institutes.

The department has a very strong presence of research in the fields of Bioinformatics, Cancer Biology, Environmental Biotechnology and diseases with emphasis on Mycobacteriosis and Zoonotics. Presently a number of Research Projects are being carried out by different faculty members of this department with many funded projects (DBT-W.B., ICARRC NEH, DBT- Govt. of India). Collaborative research is being pursued with WBUAFSc (Belgachia), Bose Institute, Narula Institute of Technology and other Universities. MOU has been signed with some national and international institutes for collaborative research. National Conferences, seminars, special lectures and workshops are regularly organized for acquirement of knowledge in a particular field by the students.

Faculty Members:

Dr. Sibani Sen, Ph.D., Associate Professor (Head)

Dr. Anushree Mondal, UGC NET, Ph.D., Assistant Professor &

Dr. Tapti Sengupta, NET, Ph.D., PG in Human Rights, Associate Professor

DEPARTMENT OF PHILOSOPHY

Department of Philosophy, since the early years just after her inception in 2008, has been keeping up the untiring effort to provide each and every student with the opportunity for developing her latent potentialities and wisdom. The academic curriculum of the department reflects a sincere concern for the four democratic goals of higher education as highlighted by Dr. Sarvapalli Radhakrishnan, namely, social justice, liberty, equality and fraternity. To reduce the gap between the privileged and the unprivileged students, the principle of equity is applied through counselling, mentoring, gender sensitization, parents meet, special classes for week ones and various other student oriented activities. Project assignment at PG level was an initiative of the department for encouraging young students for developing their ability of critical thinking. In the Choice Based Credit system, implemented from the session 2019-2021 with the weightage of 1200 marks and 92 Credit points, self learning process, individual presentation and report writing help the students to prepare themselves not only for higher educational pursuit but also for various other jobs. Teaching on Classical as well as Contemporary Western and Indian Philosophy including Metaphysics, Logic, Ethics, Epistemology, Aesthetics, Social and Political Philosophy are supplemented by the contemporary findings in the fields of Philosophy of Mind, Philosophy of Language, Phenomenology and Existentialism, Marxist, Feminist, Dalit and Family studies and studies on Indian Democracy.

The Generic Elective Course, offered for the students from other departments, attracts a large number of students every year not only for its subject matter but also for the methodology of teaching.

The student intake capacity in PG level is at present is 51. It had inducted its first batch of Post-graduate students in the year 2008 and the first batch under CBCS system passed their final semester examination in 2021.

The Department started its M.Phil-PhD Programme in the year 2009 and at present 15 Registered PhD scholars are working under the Supervision of departmental faculties. For M.Phil, 9 seats were allotted and the last batch under this course is going to submit their dissertation.

Number of students of the department has grabbed national level fellowships for pursuing Doctoral degree. Every year, students from this department qualify NET and SET. A handful of them have been absorbed in government and non govt. colleges and schools. The philosophical orientation has proved its mettle not only in the field of academics but also in the other fields of private and public sectors including bank, health and police where alumni of the department are now providing their service.

The academic journal of the department is Manan: The WBSU Journal of Philosophy.

The new Syllabus for Under Graduate Honours and General course under CBCS system, designed by the UG Board of Studies of the department, was implemented from the session 2018-19. Besideregular supervision and assistance in UG related matters, the department has been contributing a large fraction of its time and resources for the under graduate students of the colleges under WBSU.

Faculty Members:

Aditi Dasgupta, Ph.D, Professor in Philosophy (**Head**)

Sabita Samanta, Ph.D, Professor & Head, Department of Philosophy

Atreyee Mukherjee, Ph.D, Assistant Professor in Philosophy

Bikash Mondal, Ph.D, Assistant Professor in Philosophy

DEPARTMENT OF PHYSICS

The Department of Physics offers M.Sc. and Ph.D. courses in Physics. In the M.Sc. course (CBCS curriculum), the department offers several Department Specific Elective (DSE) papers which include Advanced Condensed Matter Physics, Astrophysics, Quantum Field Theory and Nonlinear Dynamics. The course is designed to be student-centric and, therefore, emphasis is given on assignments and self-learning. Courses emphasizing problem-solving skill and teaching skill are integral part of the curriculum. A student has to submit and present a review work in the third

semester and another project work in the final semester. The Department adopts web-based technologies for teaching, learning and evaluation. The students of the department have successfully cleared state and national level examinations like SET, NET, GATE and JEST. They are pursuing Ph.D. in other reputed universities and institutes. The areas in which research is pursued in the department include Quantum Field Theory, General Theory of Relativity, Cosmology, Condensed Matter Physics, Neural Network and Pattern Recognition, Physics Pedagogy. Some of the teachers of the department have research collaboration with Inter-University Centre for Astronomy and Astrophysics (IUCAA), Pune, UGC Consortium for Scientific Research, Kolkata Centre, and Satyendranath Bose National Center for Basic Sciences, Kolkata. The department held national level workshop on Astrophysics in collaboration with IUCAA, and national level seminar on modern trends in Condensed Matter Physics. Department also organizes seminars / webinars by eminent scientists on a regular basis. In the recent past the department received financial support from the WBDST-FIST grant from the Government of West Bengal. Also, presently the department runs a research project funded by the Science & Technology and Biotechnology Department, Govt. of West Bengal. Advanced Computational facilities, some sophisticated equipment for Condensed Matter and Material Physics Research, and Telescope for astronomical observations are already available in the department.

Faculty Members :

Arunabha Adhikari, Ph.D., Associate Professor in Physics

Bibhas Bhattacharyya, Ph.D., Associate Professor in Physics

Molly De Raychaudhury, Ph.D., Assistant Professor in Physics

Anirban Saha, Ph.D., Assistant Professor in Physics (**Coordinator**)

Subhajit Sarkar, Ph.D., Assistant Professor in Physics.

DEPARTMENT OF PHYSIOLOGY

Department of Physiology started its journey from 2009, dealing with classical approach of organism physiology as well as reductionist views of molecular biology and their integration. The postgraduate curriculum is aligned with different competitive examinations, especially NET, SET. Curriculum is also suited for jobs in pharmaceutical industry. Besides the facets of life sciences, the students get exposure on sports, ergonomics & occupational physiology, different aspects of community health problems, epidemiology of different human diseases, patho physiological mechanism and related pharmacology, molecular modelling and diagnostic pathophysiology. Presently, the two faculty members have expertise in multidrug resistance, yoga & stress physiology and cancer systems biology. Department has research collaborations with different hospitals and universities. Besides organizing national and international seminars, special lectures and classes by distinguished academicians and scientists are often arranged. So far six research scholars have been awarded Ph.D. degree.

Faculty Members

Pratiti Ghosh, Ph.D, Professor in Physiology (**Head**)

Durjoy Majumder, Ph.D, Assistant Professor in Physiology.

DEPARTMENT OF POLITICAL SCIENCE



DEPARTMENT AT A GLANCE

The Department of Political Science of the West Bengal State University has witnessed a steady growth in the number of students enrolling at the department every year ever since its inception. Located in the densely populated border-district of the North 24 Parganas, the department along with the university has tremendous potential to provide access of higher education to students coming from distant constituencies, marginal communities and penurious socio-economic and cultural backgrounds apart from the ones coming from central to adjacent localities like Bangaon, Barasat, Barrackpore, Basirhat, Dum Dum to Howrah, Hoogly and Kolkata.

Imparting critical knowledge, enhancing general awareness and helping in the creation of keen and sustained interest regarding society and politics amongst the students are the primary aims and objectives of the department. In order to fulfil the same, the department makes conscious attempts to motivate its students to think, write and speak analytically; to channelize their potentials towards meaningful socio-academic activities like public speaking, debates, paper and poster presentations, essay writings or social service; and to orient and guide them for various competitive examinations and related career opportunities. The vision is to

create a conscious and informed citizenry out of our students for which the department has been keen and conscious.

COURSES OFFERED

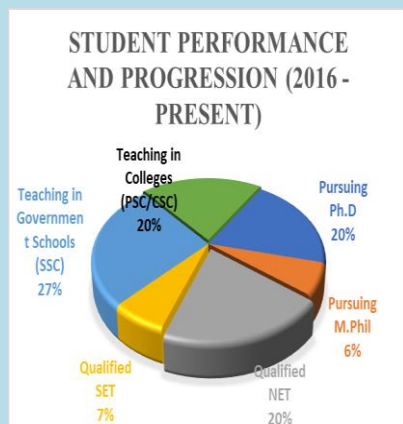
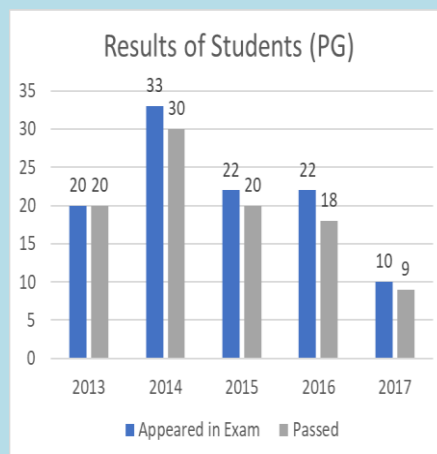
1. M.A in Political Science
2. Ph.D. in Political Science

The department of Political Science offers a two-year full-time Master of Arts (M.A) course under the Choice Based Credit System (CBCS) since 2019-2020 Session. The objective of the course is to inculcate understanding of major debates of Political Thought and Theories, dynamics of contemporary Indian Politics and Society, Political Sociology, International Relations and Global Politics, Public Administration and Governance amongst students studying the course. The course is also structured to impart interdisciplinary and skill-oriented training to the students which could be both academically and socially viable. Discipline Specific Courses and Generic Elective courses on Human Rights, Gender, Environment, Peace and Conflict Studies and Politics in South Asia are fashioned with inter-disciplinary thrusts; while courses such as Research Methodology and Information and Communication Tools (ICT) are to provide the students the opportunity to learn ways to upgrade their self-learning, critical interpretation and expression skills. Further, with the given thrust on Field Work, Graduate Seminar Presentations, Long Essay/Term Papers/Dissertation writings—the Master's Program aims to prepare the students with objective and analytical knowledge on the subject which they can use to pursue a career in research, academics or other public-private professions.

The department is soon to introduce **Ph.D. Programmes** wherein researchers will be trained on the use of various analytical and methodological tools to pursue quality research on the subject. It also co-ordinates the **Bachelors of Arts (B.A) - Honours and General degree** programme in Political Science under CBCS model in around 50 General Degree Colleges and Educational Institutions affiliated to the West Bengal State University.

STUDENTS PROGRESSION AND PERFORMANCES

The students of the department have been performing significantly well given the fact that many of them come from extremely underprivileged socio-economic backgrounds and are many a times first-generation learners. In spite of that, the success rates for clearing competitive examinations (NET / SET and Civil Services), securing government/semi-government jobs (PSC, CSC, SSC, WBCS or others) or pursuing academics and higher studies (teaching and research) are considerable.



Student Performance and Progression Data (2016-Present)

Category	Total No.
Pursuing Ph.D	3
Pursuing M.Phil	1
Qualified NET	2
Qualified SET	1
Teaching in Government Schools (SSC)	4
Teaching in Colleges (PSC/CSC)	3

ACADEMIC ACTIVITIES

Seminars, Conferences, Workshops, Special Lectures

Sl. No	Events	Details
1.	<i>Two-Day International Conference</i>	The department organised a 2-day International Web-Conference on 27-28 August 2020 on the theme 'Reading Democracy: Global Perspective, Contentions and Debates' in association with SNDT Women's University, Mumbai, Loreto College, Kolkata and Asia in Global Affairs, Kolkata.
2.	<i>Youth Parliament Competition 2019 (District Level)</i>	The department hosted the district-level West Bengal Youth Parliament Competition 2019 (College Category) on 26-27 September 2019 in association with the Office of the District Magistrate, North 24 Parganas, Government of West Bengal, India.
3.	<i>Con-Quest (4th Edition)</i>	A team of students from the department (3 rd Semester, Batch 2018-20) successfully participated in the Con-Quest (4th Edition): India's Premier National Quiz on Indian Constitution, History and Politics organised by the Centre for Law and Policy Research (CLPR) at Loreto College, Kolkata on 17 August 2019.
4.	<i>State-level Workshop and Roundtable</i>	The departments of Political Science and History in association with Asian in Global Affairs organised a day long State-level Workshop and Round table themed

		<i>‘Changing Contours of India’ Foreign Policy in the 21st Century: Contexts, Priorities and Prospects’</i> on 14 August 2019.
5.	Special Lectures	Dr. Swati Sen, Associate Professor, Department of History, Dum Dum Motijheel College on 14 th February 2019. Topic: ‘Urbanisation in West Bengal.’
		Dr. Aneek Chatterjee, Associate Professor, Hoogly Mohsin College on 19 th March 2019. Topic: ‘Indian Foreign Policy: Continuities and Change’.
		Dr. Rituparna Das, Department of English, Techno India University on 18 th and 24 th April 2019. Topic: ‘International Conflicts and Peace Studies in the Post-Cold War era: Techniques of Conflict Resolution’.
		Prof. Ratna Basu, Department of Sanskrit, University of Calcutta on 4 July 2019. Topic: ‘Ancient Indian Texts and Current Sensibilities’.
		Dr. Arpita Basu Roy, Senior Fellow, CSIRD, Kolkata on 7 th , 10 th and 12 th November 2020. Topic: ‘Contemporary International Conflicts: A Case Study of Kashmir, Afghanistan and Sri Lanka.’



Field Visit to SVPA



Visual Learning



Wall Magazine

FACULTY PROFILE

Srimanti Sarkar

Assistant Professor & Coordinator, Department of Political Science

Ms. Srimanti Sarkar is Assistant Professor at the Department of Political Science, West Bengal State University. Previously she has been a full-time Researcher at the Maulana Abul Kalam Azad Institute of Asian Studies, Ministry of Culture, Government of India (2012-2015) and has also taught in several colleges in Kolkata (2015-2018). Her areas of research interests are theoretical postulates of Democracy and Democratization in South Asia, Politics in India and India's Neighbourhood Relations with particular focus on Bangladesh. She has specialized in 'Peace and Conflict Studies' from Kulturstudier (Culture Studies) and Oslo and Akershus University College, Norway and has been a Salzburg Global Fellow participating in the Salzburg Global Seminar at Salzburg, Austria in 2017. She has published articles and book chapters and have presented widely in various national and international seminars and conferences. Her recent publications include a chapter titled 'The Genocide of 1971 in Bangladesh: Lessons from History' (*Conceptualizing Mass Violence: Representations, Recollections, and Reinterpretations*, Navras J. Aafreedi and Priya Singh, eds Routledge: New York, 2021) and co-edited book titled 'The Political Future of Afghanistan: Issues and Perspectives' (Knowledge World Publishers: New Delhi, 2016).

Extra-Curricular Activities

VISION

- Increasing academic and research activities through the setting up of a departmental research centre.
- Initiating a Study Centre to train students for competitive examinations (IAS, WBCS, NET, SET).
- Help develop critical thinking, writing and public speaking (debates, poster presentations, quiz competitions, mock parliaments, essay writings or social service).
- Improvement of Departmental Library and e-Library resources.

Inversely utilising the locational constraint to decentralise knowledge and spread education to the remote pockets of the state.

DEPARTMENT OF PSYCHOLOGY

The Department of Psychology, West Bengal State University was established in 2008 with the aim of disseminate knowledge, conducting innovative research, and providing dedicated services to the society.

Courses offered:

Courses	Degree	Duration
PG Degree	M.A/MSc. Specialization 1.Counseling Psycholgy & Clinical Psychology 2. Rehabilitation Psychology	2 years
Ph.D	Ph.D	4-5 years

Activities of the Department :

Extensive research work is underway in the areas of Clinical Psychology, Social Psychology, Cognitive Psychology, Rehabilitation Psychology and Positive Psychology. The Department works in collaboration with the University of Calcutta in the area of cognitive neuropsychology and with the Department of Art Therapies, University of Haifa, Israel.

The Department has undertaken research works in collaboration with organizations like Tunespray Mobile Solutions, Indian Cancer Society, Calcutta Rescue, Sappho for Equality, RACSHA, MHAT (Kerala), Roshnai and Transcendent Knowledge Society.

The department regularly organizes seminars, conferences, invited talks and workshops. The Department also started the Centre for Psychodynamic Studies in 2017 that successfully completed a six-month orientation course on Psychodynamic studies in the same year with affiliation from Indian Psychoanalytical Society. A major research project funded by Indian Council of Social Science Research (ICSSR) on mental health Literacy has been conducted in the department under the supervision of Dr Tarafder. Dr. Sanchita Ghosh has successfully organized a two day International Seminar on Peace Psychology in May 2022 with an array of speakers who are globally famed.

While the Covid-19 pandemic had thrown all regular academic activities out of gear, the department was able to make a smooth and successful transition to online mode of teaching and demonstration involving both the learners and the teachers. For further enhancement of the academic exchanges, the department has successfully organized several webinars and online invited talks during this period.

The department has made a smooth transition to shift from online mode to offline mode again after COVID-19 restrictions were lifted. The students have started their service (Psychometry & Counseling) to the referred patients in the departmental counseling cell.

Unique features of the Department :

The department aims to develop the personality and potential of each student as a future professional serving the community. Consequently faculty members mentor them keeping in view their personal needs and aspirations.

The Department of Psychology, WBSU offers a unique and dynamic syllabi which, along with the special papers, include highly relevant topics like Art Therapy, Narrative Therapy, in depth Cognitive Behaviour Therapy, Psychology of Happiness and Peace, Stress Management, Yoga and mindfulness practices to name a few. It helps the students to remain updated and also in perfect sync with the changing dimensions of the discipline of psychology.

The department makes the necessary arrangement for the student internship in the psychiatry departments of various renowned institutions. The list includes:

- 1.State-run hospitals like R.G.Kar Medical College, Pavlov Hospital, Sagore Dutta Hospital, Kalyani Hospital, Institute of Psychiatry, National Medical College, Kishalaya Children's Home Barasat and Barasat Hospital.
- 2.National Institute of Mentally Handicapped
3. Private institutions like - Pradip Centre for Autism Management, Phoenix practice, Clinic Brain, Roshnai and SEVAK.

During the unprecedented pandemic period students did online internship at Mental Health Action Trust (MHAT) Kozhikode, Kerala.

Remedial classes are arranged regularly for the comparatively weak students. Notably, the alumni of the department along with final year post graduate students offered mental health services to the community on pro bono basis keeping the pandemic and it's mental health sequelae in mind.

Students' Achievements:

Students have successfully qualified the National-level Eligibility Test (NET) and State-level Eligibility Test (SET) for assistant professorship and Junior research fellowship in Psychology held by UGC.

Ten students have completed M.Phil in Clinical Psychology & Psychiatric Social Work. Two of our ex students are pursuing doctoral studies abroad with funding at Leipzig University (Germany) and Clark University (USA).

Several other students are pursuing higher studies in a number of reputed universities across India. Also, most of the students who have already passed out are presently employed in various capacities –Assistant Professor, Research Scholar, Guest Lecturer, School Counsellor, Teacher, Judicial counsellor, Rehabilitation Professional, Clinical Psychologist, Psychiatric Social Worker and Psychotherapist.

Faculty Members :

Sreemoyee Tarafdar, Ph.D, Assistant Professor

Sanchita Ghosh, Ph.D, Assistant Professor (Coordinator)

DEPARTMENT OF RURAL STUDIES

The Department of Rural Studies, previously the Department of Agriculture and Rural Development, was established in 2008 with a strong interdisciplinary focus offering a Two-year Master Degree course in Rural Studies as 'Master of Rural Studies (MRS)'. The Department has consistently sought to combine socially relevant and thematically updated curriculum incorporating the emerging innovations in the related fields to ensure quality teaching as well as contextual and updated curriculum. The main focus of the Department is:

- To ensure quality teaching as well as meaningful research in rural studies and to expose students with experiential learning.
- To contribute in the development of rural life through a strong group of young professionals who have academic theoretical knowledge, practical skill and capability to use the best available practices.
- To develop student exposure towards leadership, entrepreneurship, agri-preneurship and extension professions.

In tune with the interdisciplinary mandate, the Department looks forward to drawing students from Social Science as well as Science Graduates (Honours). Different academic Departments of the University like Economics, Geography, Commerce and Management, Sociology and Anthropology are involved with this Department in terms of academic activities. Thematically, the course seeks to offer socially sensitive and updated curriculum incorporating the recent developments in the field.

Departmental Course Curriculum

Department of Rural Studies offers the Post Graduation Program in Rural Studies i.e. Master of Rural Studies (92 credits, 1200 Marks). The curriculum consist of 18 Core courses, 2 Discipline Specific Electives (DSE), 1 Generic Elective Course (GEC), 1 Skill Enhancement course (SEC) along with 1 Ability Enhancement Course (AECC).

Features of the curriculum

○ Multidisciplinary approach :

Courses comprise all the relevant aspects of the rural development like rural development concept, rural economy, rural society, agriculture and animal husbandry practices, research methodology, rural finance, rural institutions, rural livelihood, extension

communication, Rural women, farm management and natural resource management.

○ Extensive field works based on application of hands- on-training of several techniques of research methodology for rural areas :

- Regular field visits and work on field related projects on the following activities are a part of the curriculum.
- A Comprehensive Village study using primary and secondary data sources.
- Participatory Rural Appraisal (PRA).
- Field survey and data collection using quantitative techniques.
- Field based project work

○ Rural community development activities (Rural extension):

Students are actively engage in different rural development issues as facilitator and work on development of different rural extension materials like leaflets, posters, voice capsule etc.

○ Soil testing for Agriculture field :

The department is facilitated with an agricultural display unit for lab base practical exposure of different crops and fertilizers. Soil testing is a part of the curriculum that provides handholding training on testing of soil by the kit method.

○ Use of statistical softwares and GIS Technology:

The department also imparts training in statistical and spatial analysis tools through use of software. It enhances data analysis skill and has emerged as strong capacity building element which helps our students to get absorbed in the job market as well as help them to pursue meaningful research.

○ Internship and Dissertation:

A one-month internship program has been incorporated in the syllabus to develop industrial as well as institutional linkages of the

students. It would also help the students to gain experience, to refine their working skills and to build confidence for future prospects. The project work/dissertation is purely field based research activity which attempts to enable the students to pursue quality research.

Significant Milestones of the Department

Category	Details
Research (Ph.D)	Awarded PhD: 08 Currently registered: 07
Awards/Fellowships	DST INSPIRE: 03 Rajiv Gandhi National Fellowship : 01
Professional achievement of students of the Department	<u>Govt. Sector:</u> Assistant Professor in University; Assistant teacher in school; Assistant Manager in Coal India; Department of Agriculture (ATMA); Central Institute of Brackish water Aquaculture; State Department Projects (Utkarsh Bangla etc); Department of Panchayat & Rural Development; Municipalities, MGNREGA Cell; Agriculture Training Centre. <u>Non-Government Sectors:</u> Placed in NGOs like PRADAN, NEWS, MANT, CINI, Pratichi Trust, DRCSC ,CARE etc.

- The Department organizes Workshops and Lecture Series and hosts national and International Webinars.
- The faculty are actively involved in serving as Resource Persons in other reputed National level Institutions

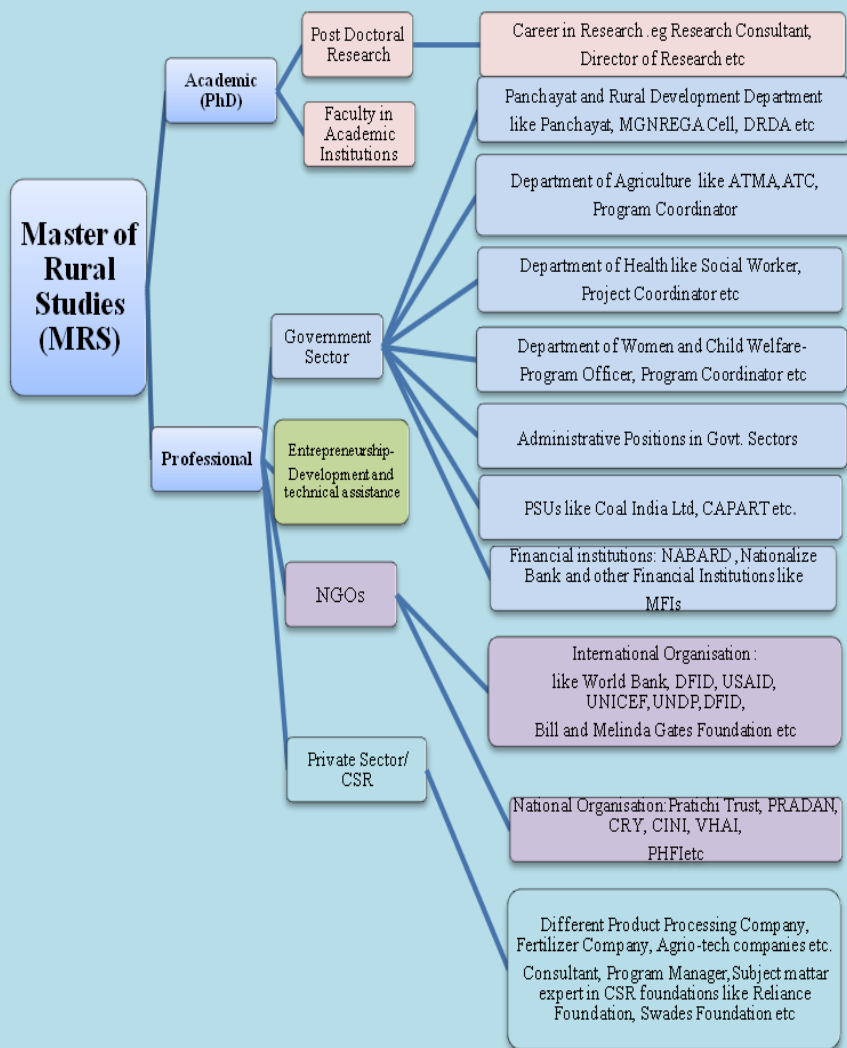
- The Department has introduced the PhD Program in Rural Studies with the PhD Degree being offered in Rural Studies. Earlier the degree was offered as PhD in Agriculture and Rural Development. Seven scholars have registered to this program four of whom are full –time enjoying National level scholarship (UGC- NFSC-03, UGC-JRF-01) and one at the state level .

➤ Faculties of the department:

Name	Designation	Qualification	Teaching Experience	Industrial /Other Experience
Prof. Sukla Basu	Professor and Head	M.A., Ph.D (Geography)	20 Years	NA
Dr. Chinmoyee Mallik	Assistant Professor	M.A.;M.Phil. Ph.D (Geography)	7 Years	3 Years
Dr. Biswajit Pal	Assistant Professor	M.Sc., Ph.D (Agriculture and Rural Development)	4 Years	4 Years

Career Prospects for students of MRS

Career opportunities of the students of MRS are shown in a thematic way as follows:



DEPARTMENT OF SANSKRIT

The Department of Sanskrit imparts higher education on Sanskrit language, literature, grammar and philosophy. Being the mother of all Indian languages and the most important among the IE family of languages, the study of Sanskrit can open the floodgates of knowledge both sacred and secular. The objective of the Sanskrit department of the university lies in making the students aware of the holistic approach to life and knowledge. The two year course divided into four semesters, offered to the post graduate (M.A.) students of the university, covers a wide range of subjects. The areas for specialization from the third semester include Paniniyan grammar, Sanskrit poetry and poetics (Sahitya), the Vedas and philosophy especially the Nyaya. The advanced texts representing the uniqueness of particular subjects are prescribed so as to make the students understand the richness and profundity of these subjects. The medium of class instruction and writing examinations being Sanskrit exclusively, the students opting for the courses can sharpen their communicative skill in Sanskrit. The opportunity of doctoral research at the completion of a well defined course work, refreshingly broaden scholars horizon. The thesis paper written in Sanskrit only is allowed for submission for M.Phil. /Ph. D. degree. Special Lectures/Seminars in Sanskrit medium by renowned resource persons from famous institutions of India are arranged in the department. Elocution and debate contests in Sanskrit for the students to develop spoken fluency and improve pronunciation are arranged. This is to be specially noted that many ex- students of this Department are now working as permanent teachers in Universities and Colleges of West Bengal.

Faculty Members :

Prof. Ayan Bhattacharya, Ph.D., Professor in Sanskrit, WBSU and Recipient of the award ‘Shiksharatna’ given by the Government of West Bengal in 2018.

Dr. Shaikh Sabir Ali, Ph.D., Associate Professor in Sanskrit **(Head)**

DEPARTMENT OF SOCIOLOGY

The department of Sociology has been successfully functioning since 2008. It offers Post-Graduate (with an intake capacity of 46 students) and doctoral Programmes. The university in general and the Department of Sociology in particular have uncompromising discipline and flawless execution of the academic policies, which makes the Teaching-Learning environment conducive for all types of students to fulfill their dreams.

Located in the academic building of the university, the department of Sociology has six sanctioned faculty positions. Having three positions vacant (one assistant, one associate and one professor), it presently has three faculty members comprising of one assistant professor and two professors, supported by guest faculties from other universities, colleges and research institutes. Prof. Ritu Sen Chaudhuri is presently the head of the department. Along with several national and international publications he has authored several books for the benefit of the students and scholars. His areas of interest include Religion in India, Caste groups in India, Social Exclusion, Developmental Issues, and Research Methodology. Prof. Ritu Sen Chaudhuri has several national and international publications in the areas of Sociological Theories, Feminist Theories, Women's Studies, Caste Studies, Sociology of Literature and Media. Dr. Titir Chatterjee, Assistant Professor of the department has contributed several national publications in the field of Gender and Sexuality Studies, Indian Social Issues and Movements.

The faculty members of the department combine their commitment to research with a devotion to teaching. In the class-room teaching the students receive personal attention from their professors. The interactive teaching-learning process is supplemented by regular tutorials, group-discussions; dissertation and presentation assignments. The semester system of the post-graduate classes is carried out in a continuous evaluation system. The written examination is accompanied by an internal and external assessment of group-discussion/paper writing/poster presentation/oral presentation/power-point presentation/viva-voce for each paper. The regular teaching is complemented by a series of conferences, seminars, workshops and special lectures where the students interact with the eminent national and inter-national scholars and have an exposure to the wider discourses of the discipline. The department organizes yearly

student workshops on Gender Equity Programs which include several programs on Mental Health, Career Counseling, and Self Defense. In addition, yearly student workshop on 'Academic Writing in Bangla' is one of the most unique features of the Department.

The department considers the students as its most valued asset. The students of the department are often first generation learners coming from semi-rural, economically challenged/minority families/groups. They bring with them a rich experience of living every-day in marginal situations. This serves an academic purpose of the department of Sociology – helping to grasp the societal, cultural and structural reality of the contemporary times. The students provides the impetus to find out ways of harnessing diversity, creating fairness, and ensuring that the learning environments engage and achieve the best outcomes for all individuals, not just a few. The effort remains to promote a sense of self-respect linking up the personal with the social and theoretical.

The department designs its course, curriculum and activities considering social stratification/exclusion as a structured lived experience. Deploying sociological theories and methods we tend to comprehend how we (students and faculty) 'live' class, gender, caste, religion and how they affect our understanding of and attitude towards the society. The department introduces the students to sociological imagination, or "the quality of mind essential to grasp the interplay of individual and society, of biography and history, of self and the world". Since the students of the department are often first generation learners coming from semi-rural, economically challenged/minority families/groups, they bring with them a rich experience of living every-day in marginal situations. This serves an academic purpose of the department of Sociology – helping to grasp the societal, cultural and structural reality of the contemporary times. The students provide us the impetus to find out ways of harnessing diversity, creating fairness, and ensuring that our learning environments engage and achieve the best outcomes for all individuals, not just a few. The effort remains to promote a sense of self-respect linking up the personal with the social and theoretical. Moreover, the constant support of the university administration and the IQAC team help us to face all the difficulties a new suburban university might have. Initiated with only nine PG Students in the year 2008, the department treaded a long journey and offered its PhD Program in the year 2011 and 2 scholars were awarded their degree in the year 2018. Currently, the department has 11 scholars pursuing their

research work under Prof. Ganguly and Prof. Sen Chaudhuri. The department has a small yet successful set of alumni placed in government and private colleges, schools, government organizations, non-government-organizations and corporate offices.

Faculty Members :

- 1) Prof. Ramanuj Ganguly, Ph.D, Professor (**On Lien**)
- 2) Prof. Ritu Sen Chaudhuri, Ph.D, Professor (**Head**)
- 3) Dr. Titir Chatterjee, Ph.D, Assistant Professor

DEPARTMENT OF STATISTICS

About the Department:

The Department of Statistics has been offering M.Sc., M.Phil. and Ph.D. degree in Statistics since 2008.

The post graduation (PG) course in Statistics is open for students having a B.Sc. (Hons.) degree either in Statistics or in Mathematics. Currently, the intake capacity of our PG course is 38.

Our PG course in Statistics offers a balanced blending of theoretical, computational and applied Statistics. We educate students to encounter real world problems in Statistics in diverse fields with the help of theoretical tools, current age computational knowledge and the experiences gathered through applications of Statistical techniques for analyzing data in different disciplines. In the present scenario, it is rather impossible, even to think of any field which does not employ modern statistical tools to arrive at rational conclusions from research studies and a statistician is always an indispensable part of any research team carrying out any research investigation.

The CBCS PG syllabus, introduced from 2019, allows students to choose inter-disciplinary, intra-disciplinary courses. We also offer modern skill development / ability enhancement courses to enhance student's data analysis skill and increase their employability. Some of the key features of our current PG Course are:

- Python Programming.
- Statistical Learning.
- Statistical Genetics.
- Advanced Survey Sampling.

After completing the M.Sc. course some of our students are getting chances in higher studies in reputed Institutions like ISI(Kolkata), IIT (Kanpur), ISET (Shibpur), National Institute of Biomedical genomics (NIBMG), Kalyani, West Bengal. Majority of the students are joining in Academics, Governmental services, Banking sectors and Analytics. Students are getting job in reputed Companies (TCS, HSBC, Nestle, Accenture etc.) in India and in Foreign Countries, like Sweden, Germany etc.

At present an assistant professor of undergraduate college pursuing Ph.D. program in Statistics. Recently, two students successfully completed Ph.D., one of them is research officer (RBI, Mumbai).

Ph.D. level course work on modern statistical software R has been offering on regular basis over the last seven years. This unique course helps Research Scholars as well as Faculties from other departments to do necessary statistical analysis required in their fields of research.

A MoU has been signed on a Certificate Course on Data Science with Indian Association for Productivity, Quality and Reliability (IAPQR). From this year we will start a professional 6-months Diploma course on Data Science. This course will be extremely helpful for young graduates as well professionals from diverse fields.

The department has 4 permanent faculties. All the faculty members are actively engaged in research and dedicate themselves to cope with continuous development of theoretical as well as Statistical Programming Language/ Software. Faculties have participated in National/ International Conferences on regular basis. The faculty members are also actively involved in different research projects with other departments of our university as well as different universities and Institutes. They are also collaborating with the faculties of other Institutes in India and abroad. Faculties are engaged in different academic activities with other Universities and Institutes.

The major research areas include topics like Regression Diagnostics, Survey Sampling (Randomized Response theory, Small Area Estimation, Adaptive Cluster Sampling, Finite Population Inference), Analysis of Medical Data, Sensor Network, Graph Theory, Commutative Algebra and Cryptography.

Apart from teaching and research departmental faculties are involved in other professional activities.

Dr. Sanghamitra Pal, University Nodal Officer (AISHE).

Dr. Mrinal Nandi, Member of Sports Committee and Hostel committee, West Bengal State University.

The Dept. of Statistics organizes seminars, special lectures, workshops and conferences to promote research interest amongst students of PG and Ph.D. courses and teachers of affiliated colleges. Many eminent scholars and statisticians are invited from Indian and abroad to deliver special lectures for the students.

In the new premises the department has all modern facilities. There is a separate seminar room and computer laboratory equipped with all modern facilities exclusively meant for the department. Students will have ample opportunities to get themselves fully trained in the

use of these statistical software. The premise of the department is Wi-Fi enabled. During the last five years, a sufficient numbers of statistics books (both text books and reference books) have been added to the library.

Faculty Members :

- **Dr. Sanghamitra Pal**, Assistant Professor Ph.D (**Coordinator**) (Indian Statistical Institute, Kolkata).
- **Dr. Sibnarayan Guria**, Associate Professor, Ph.D. (University of Calcutta)
- **Dr. Sumanta Adhya**, Assistant Professor, Ph.D. (University of Calcutta).
- **Dr. Mrinal Nandi**, Assistant Professor, Ph.D. (Indian Statistical Institute, Kolkata).

DEPARTMENT OF ZOOLOGY

(DST-FIST, Govt. of India and DBT-BOOST, Govt. of West Bengal Sponsored Department)

Department of Zoology was born in 2009, the year commemorating the 150th year of publication of the Origin of Species and the 200th year of Charles Darwin. The department follows a two dimensional approach in research and teaching, namely - molecular approach and organismal approach. At molecular levels, emerging concepts and empirical evidences in the realms of Cellular Biology, Immunology, Oncology, Endocrinology and Vector Molecular Biology etc are pursued as thrust areas. Entomology, Behavioural Ecology, Sociobiology and Conservation Biology are the thrust areas at the level of Organismal Biology. The department at present has the strength of 6 permanent faculty members and includes many guest faculties of repute and from different areas of expertise to enrich its teaching strength.

The MSc syllabus and curricula have been developed to help students to have good grasps of the modern theories as well as first hand experiences

in modern laboratory and field methodologies, and thus, competing at national levels successfully (for e.g. UGC-CSIR NET). The department has sufficient modern lab facilities including many highly sophisticated instruments for molecular and cellular studies as well as for the field studies. Students in the fourth semester get the options for specialized courses like Applied Entomology and Vector Biology, Applied Conservation Biology, Advanced Immunology and Vector Molecular Biology, Advanced Molecular Oncology and Biochemical Techniques, Behavioural Endocrinology, Cell Signaling & Cancer Biology and are to do a six-month project work under a faculty from WBSU or from any other institute of high repute.

The involvement of the department in the above mentioned research areas can be envisaged from the projects, publications, patents (National & International) and infrastructural grants such as DST-FIST and DBT BOOST during the last 5 years. The department has a strong societal dimension too where it plans research and implementations in the areas of local biodiversity documentation and conservation, justified sharing of folklore medicine to treat infectious and chronic diseases.

Courses Offered:

1. M.Sc.
2. Ph.D

Faculty Members of the Department:

Silanjan Bhattacharyya, Ph.D., Professor of Zoology

Narayan Ghorai, Ph.D., Professor of Zoology

Chiranjib Pal, Ph.D., Professor of Zoology

Deba Prasad Mandal, Ph.D., Associate Professor in Zoology

Samir Kumar Saha, Ph.D., Professor of Zoology (**Head**)

Shamee Bhattacharyee, Ph.D., Associate Professor in Zoology.

DEPARTMENT OF URDU

The department of Urdu was started in the month of June, 2019. Before 2019, there was no specific arrangement for Post Graduate in Urdu. For this reason the students interested in studying Urdu as a P.G subject were not able to fulfill their desire.

The syllabus of M.A Urdu which contains classic and modern Urdu literature is according to CBCS. For the very first time “Urdu Computer” and “Mass Media and Translation” have also been introduced in the syllabus for the benefit of the students educationally and technically in their studies. Apart from that the legends of Urdu poetry like Mir Taqi Mir, Mirza Ghalib and Allama Iqbal have also been included as a “Special Paper” in the syllabus. It also partly covers the chapters included in central and state level competitive exams.

The Department of Urdu has organized a number of important functions in the short span of its establishment. Two of which are successful seminars. The first seminar of the department at the State Level was held on March 2021 in collaboration with the National Council for Promotion of Urdu Language, New Delhi under the title "Contemporary Urdu Fiction: Attitudes and Trends" while the second seminar was at national level with the financial support of West Bengal Urdu Academy in May 2022 on the topic of "Insha Allah Khan Insha: Personality and Art." The two seminars were well attended. In the Corona time the Urdu department organized a national webinar on google meet platform on "Mir Taqi Mir" in which about 150 people joined online. The Urdu department is ready for Ph.D. The students of the department are also active in cultural activities along with academics.

At present there are two teachers in the department who are taking classes.

The names of the teachers of Urdu department as follows:

- 1) **Dr. Tasleem Arif**, Ph.D., Assistant Professor (Coordinator)
- 2) **Dr. Raziuddin**, Ph.D, Assistant Professor

M.A. in ARABIC (Newly Introduced)

M.A. in Arabic was started in May 2021. The Syllabus for Post Graduation in Arabic has been prepared following the UGC Model curriculum. The course started in self finance mode. The course develops the literary taste of the students. Much importance has been given to an overall understanding of the origin and development with its current literary trends and interpretation in Arabic Literature in the curriculum. The continuous evaluation has been designed in such a way that the students shall be able to develop a sense of confidence after successfully completing the Master Degree.

Total student intake capacity at P.G. level is 60.

Course offered: M. A.

Coordinator of M.A. in ARABIC Course :

- 1) Dr. Raziuddin, Ph.D, Assistant Professor, Department of Urdu (Coordinator)**

THE CERTIFICATE BEING SUBMITTED BY THE CANDIDATE FOR CLAIMING RESERVATION UNDER SC/ST/OBC/PWD QUOTA; MUST HAVE BEEN ISSUED BY THE COMPETENT AUTHORITY AS SPECIFIED ABOVE, ON A DATE PRIOR TO THE SUBMISSION OF APPLICATION. CERTIFICATE ISSUED ON A LATER DATE BY ANY AUTHORITY, WILL NOT BE ACCEPTABLE AT THE TIME OF ADMISSION. PRESCRIBED FORMAT OF DOMICILE CERTIFICATES :

Explanation / Clarification for Residential / Domicile requirement.

Candidate seeking admission in Reserve category seats must be domicile of West Bengal and accordingly submission of Domicile certificate in prescribed format from competent authority is mandatory at the time of application. The Domicile of West Bengal shall be treated for those candidates who are EITHER

Residing in West Bengal continuously at least for last 10 years as on.....(Proforma A-1 and A-II)

OR

Whose parent(s) is / are permanent resident (s) of West Bengal having permanent address within the state of West Bengal (Proforma-B)

Procedure for submission of Domicile Certificate:

Candidate must submit Domicile Certificate in either proforma A-1 or Proforma-A-11 or Proforma B, whichever is applicable for his/her case. The Proforma (Certificate) is to be filled in properly and duly authenticated/ signed by a Competent Authority as per the list mentioned hereunder. The Duplicate copy of the Certificate is to be kept with the office of the issuing Authority for future reference / verification. Photocopy of the original certificate and a photocopy of either of his / her parents' (Father /Mother who is a permanent resident of West Bengal)voter ID Card or Passport (2nd page) are to be attached with the Application Form.

Competent Authority to issue Domicile Certificate Proforma A-1 and Proforma-B:

It must be signed and certified by any of the following competent authorities from Central Government or State Government having local jurisdiction over the place of the permanent residence of the concerned candidate or his / her parents, as the case may be .viz. District Magistrate , (ii) Additional District Magistrate, (iii) Deputy Magistrate (iv) Deputy Collector; (v) Sub-divisional Officer ; (vi) Block Development Officer ; (vii) Superintendent of Police; (viii) Additional Superintendent of Police (ic)Sub-divisional PoliceOfficer or Deputy Superintendent of Police (x) Commissioner, Additional Commissioner, Joint Commissioner, Deputy Commissioner, Assistant Commissioner of Police Commissionerate; (xi) Judicial Magistrate of any rank or position in the concerned District or Metropolitan Locality or Hon'ble High Court at Calcutta or Hon'ble Supreme Court of India;(xii) Commissioner , Additional Commissioner, Joint Commissioner, Assistant Commissioner of Municipal Corporation (Xiii) Executive Officer of Municipality; xiii) Assistant Secretary / Equivalent or above in the Secretariat to the Government of West Bengal (including GTA) or Central Govt. (xv) Deputy Director or above in the Directorate to the Government of West Bengal or Central Government. Every Official certifying the Domicile Status of the candidate or his/her parents MUST provide one's Full NAME, DESIGNATION, PLACE OF POSTING WITH ADDRESS, LANDLINE AND MOBILE NUMBER ALONGWITH EMPLOYEE'S IDENTITY CARD NUMBER, These details are MANDATORY, CERTIFICATION FROM ANY AUTHORITY OTHER THAN WHAT HAVE BEEN ENUMERATED ABOVE WILL NOT BE ACCEPTED.

Note : No elected people's representative like Municipal Commission , Counselor of Municipal Corporation , any elected member of three –tier Panchayat system or GTA , MLA or MP is entitled to issue such certificates.

Proforma A-II ; Domicile certificate in this proforma may be obtained from Head of the Institution from which the candidate has passed his/her 10+2 examination. Such certificate may be issued based on verification of the school education record of the candidate. The proforma such certificate is given hereunder & to be downloaded.

Proforma for Residential/Domicile Certificate

PROFORMA - A-I

Applicable for candidates residing in the State of West Bengal continuously at least for last ten (10) years as on 15.12.2013

To be issued by authorized persons other than Head of the Institution from which the candidate appeared/is due to appear in '10+2' or equivalent examination.

Domicile Certificate : Type-A-I

Certified that _____ son / daughter
of _____ is a resident/permanent resident of West

Bengal at Village/House No. _____

Street _____

Post Office _____ Police Station _____

in the district of _____ under Assembly Constituency _____

_____ and has been living in the State of West Bengal continuously /

uninterruptedly at least for the last ten (10) years as on 15-12-2013.

Paste passport
size
photograph of
applicant in this
box

Note :

- Photograph is to be attested by the certifying authority.
- Candidates must submit the same photograph, as used in the Confirmation Page. The same photograph should be used during his/her admission through this system.

Signature of Certifying Authority _____

Designation with Official Seal _____

Full Name of Certifying Authority _____

Address _____

Phone No. _____ Mobile No. _____

ID No. _____

Note : The Certifying Authority may please preserve the duplicate copy of the Certificate in his/her Office provided by the candidate.

Contact us

West Bengal State University
Berunanpukuria, P.O. - Malikapur,
Barasat, 24 Parganas (North), West
Bengal

Ph.: +91- 33 - 2542-0274

+91- 33 - 2524-

1975/1976/1977/1978/1979

Fax: (033) 2524-1977

:Websites:

www.wbsupgadmission.com/

www.wbsu.ac.in/

www.wbsubregistration.org

Proforma for Residential / Domicile Certificate

PROFORMA - A-II

Applicable for candidates residing in the State of West Bengal continuously at least for last ten (10) years as on 15.12.2013

To be issued by the Head of the Institution from which the candidate appeared/is due to appear in '10+2' or equivalent examination.

Domicile Certificate : Type - A-II

Certified that _____ son / daughter
of _____ has passed the '10+2' Examination in the year _____
/ will appear in the Final '10+2' Examination in 2014 from this Institution.

It is also certified that the student is a resident/permanent resident of West Bengal at Village / House
No. _____ Street _____
Post Office _____ Police Station _____
in the District of _____ under Assembly Constituency _____
_____ and has been living in the State of West Bengal continuously /
uninterruptedly at least for the last ten (10) years as on 15-12-2013.

Paste passport
size
photograph of
applicant in this
box

Note :

- Photograph is to be attested by the certifying authority.
- Candidates must submit the same photograph, as used in the Confirmation Page. The same photograph should be used during his/her admission through this system.

Signature of Head of the Institution _____

Designation with Official Seal _____

Full Name of Certifying Authority _____

Address _____

Phone No. _____ Mobile No. _____

Note : The Certifying Authority may please preserve the duplicate copy of the Certificate in his/her Office provided by the candidate.