# PROSPECTUS 2015-16

## **TRIPURA UNIVERSITY**

(A Central University) Suryamaninagar : Agartala Tripura : 799022

India

Tripura University has been ranked  $4^{th}$  in Eastern India and  $43^{rd}$  in India, according to a survey conducted by India Today - Nielson 2014.

Website: www.tripurauniv.in

## TRIPURA UNIVERSITY

## Shri Pranab Mukherjee

President of India, Visitor

## Shri Padmanabha Balakrishna Acharya

Governor of Tripura & Chief Rector

Dr. T.V. Ramakrishnan

Chancellor

Prof. Anjan Kumar Ghosh

Vice Chancellor

Prof. Anjan Mukherjee

Pro Vice Chancellor

Sri O S Adhikari

Registrar

Prof. Jyotish Nath : dean artscommerce@tripurauniv.in

Dean, Faculty of Arts & Commerce

Prof. Sangram Sinha : dean science@tripurauniv.in

Dean, Faculty of Science

**Dr. Ashes Gupta** : dean studentswelfare@tripurauniv.in

Dean of Student Welfare

## ADMISSION RELATED OFFICER

Smt. Sobha Debbarma

Director, College Development Council : directorcdc@tripurauniv.in

Sri N. Bhattacharya

Deputy Registrar, Academic Section : admission2015@tripurauniv.in

Contact No.: 0381-2379030

Sri S. P. Chhetry : admission2015@tripurauniv.in

Assistant Registrar, Academic Section : Contact No.: 0381-2379033

## **Emails & Contact No. of Departments**

## **Faculty of Arts & Commerce:**

1.	Dept. of Bengali	:	hod_bengali@tripurauniv.in	2379157
2.	Dept. of Commerce	:	hod_commerce@tripurauniv.in	2379060
3.	Dept. of Economics	:	hod_economics@tripurauniv.in	2379173
4.	Dept. of English	:	hod_english@tripurauniv.in	2379164
5.	Dept. of Hindi	:	hod_hindi@tripurauniv.in	2379041
6.	Dept. of Histroy	:	hod_histroy@tripurauniv.in	2379132
7.	Dept. of Philosphy	:	hod_philosphy@tripurauniv.in	2379053
8.	Dept. of Political Science	:	hod_politicalscience@tripurauniv.in	2379137
9.	Dept. of Sanskrit	:	hod_sanskrit@tripurauniv.in	2379046
10.	Dept. of MBA	:	mbatu@tripurauniv.in	2379220
11.	Dept. of BBA	:	bbatu@tripurauniv.in	2379219
12.	Dept. of Rural Management	:	hod_mrmd@tripurauniv.in	2379181
13.	Dept. of Fine Arts	:	hod_finearts@tripurauniv.in	2379271
14.	Dept. of Music	:	hod_music@tripurauniv.in	
15.	Dept. of Journalism	:	hod_jmc@tripurauniv.in	2379221
16.	Dept. of Law	:	hod_law@tripurauniv.in	2379247
17.	Dept. of Sociology	:	hod_sociology@tripurauniv.in	2379249
18.	Dept. of Education	:	hod_education@tripurauniv.in	2379251
19.	Dept. of Psychology	:	hod_psychology@tripurauniv.in	2379255
20.	Dept. of Kokborok	:	hod_kokborok@tripurauniv.in	

## Faculty of Science:

1.	Dept. of Botany	:	hod_botany@tripurauniv.in	2379093
2.	Dept. of Chemistry	:	hod_chemistry@tripurauniv.in	2379071
3.	Dept. of Geography	:	hod_geography@tripurauniv.in	2379152
4.	Dept. of Human Physiology	:	hod_humanphysiology@tripurauniv.in	2379079
5.	Dept. of Mathematics	:	hod_mathematics@tripurauniv.in	2379108
6.	Dept. of Physics	:	hod_physics@tripurauniv.in	2379116
7.	Dept. of Zoology	:	hod_zoology@tripurauniv.in	2379081
8.	Dept. of IT & CS	:	hod_it@tripurauniv.in	2379015
9.	Dept. of Electrical Engineering	:	hod_ee@tripurauniv.in	2379222
10.	Dept. of Computer Science	:	hod_cse@tripurauniv.in	2379241
11.	Dept. of Molecular Biology & E	Bioin	formatics: hod_mbbi@tripurauniv.in	2379263
12.	Dept. of Pharmacy	:	hod_pharmacy@tripurauniv.in	2379240
13.	Dept. of Forestry	:	hod_forestry@tripurauniv.in	2379269
14.	Dept. of Microbiology	:	hod_microbiology@tripurauniv.in	2379265
15.	Dept. of Statistics	:	hod_statistics@tripurauniv.in	2379253

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Department of Political Science

Department of Psychology

Department of Rural Management & Development

Department of Sanskrit

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## General Information for Indian Applicants Seeking Admission in the Regular mode

#### **Academic Session 2015-16**

- Online applications portal in the website <u>www.tripurauniv.in</u> is open for Indian applicants for admission in various academic programs of Tripura University for the academic session 2015-2016.
- The online application portal shall remain open from 15.04.2015, 10:00 IST to 10.05.2015 24:00 IST for all applicants.
- When a applicant visits the admission portal, he/she shall find three options.
  - For International applicants
  - o For Regular Mode applicants
  - o For Distance mode applicants
- All relevant information may be found in the prospectus for the Regular Mode available in the website <a href="www.tripurauniv.in">www.tripurauniv.in</a>. Applicants may download the prospectus from the website of the university.
- Indian applicants in the Regular Mode cannot apply for more than three programs. While filling up the forms, they are advised to repeat the same process for each program.
- After an applicant enters a portal, he/she shall get the list of the programs for which one may apply. Thereafter he/she shall get the information in detail besides the general information.
- An applicant may apply for a maximum number of three programs only. For each program, s/he has
  to apply separately. Applicants have to go through the entire process each times/he applies for a
  program (like Registration, submission of requisite fees, filling up online frometc.) irrespective of the
  number of programs applied for.
- Applicants should read all the instructions carefully before Registration and filling the application form online.
- For registration, applicants may use an email account. During registration, applicant will be asked to provide an e-mail id, this must be valid ones because initial login password will be sent to the provided e-mail id, and in future all correspondences in this regards may be made to this e-mail id.
- After registration, applicants are to obtain the password from the registered e-mail. It is recommended that they may change their password on the first log in, if so wishes.
- After Successful login applicant may fill their Admission Form.
- An applicant will be required to upload his/her scanned photograph, all Mark sheets, Proof of Financial Support, Proof of English Proficiency.

- If the applicant does not have all required information at the time of filling the form, he/she can save the incomplete application as a draft (by clicking on 'Save as Draft' button) and log out. Later, by login back to his/her account again he/she may complete the rest of application form. Applicants are advised to save the data as draft mode after filling up information or any modification in each page.
- Both International and Indian applicants may download the application form from the website of the university.
- A printed prospectus shall be sent to all Indian applicants through post at their present address for communication. However, the University shall not remain responsible for postal delays, loss or other irregularities.
- Requisite fees for submission of application form:

Indian applicants: Rs. 600.00 [Rs. 400.00 for SC/ST/PWD]

However, the amount shall be reimbursed to those specially able PWD applicants with disability percentage of 40 or more, after their admission to Tripura University.

- No mail or communication shall be made to Indian applicants. They are advised to regularly visit <a href="https://www.tripurauniv.in">www.tripurauniv.in</a> for further information and instructions, failing to comply with which, their applications may be treated as cancelled, for which Tripura University shall not be held liable.
- It is mandatory for applicants to appear for the Entrance Test as per schedule.
- Applicants may opt for any one of the four centres. However, if one or more outstation entrance-test
  centre/s is/are declared closed on account of non-availability of adequate number of applicants or
  for any other reason, applicants shall have to appear for the entrance test (at their own cost) at the
  Tripura University centre, Suryamaninagar, Agartala, in the event of which, applicants shall be
  informed at least seven days prior to the entrance test.
- In any dispute arises regarding any matter of admission, the decision of the Tripura University shall be final.
- All litigation regarding admission shall lie within the jurisdiction of Tripura High Court.
- In case of any (i) failure in the online system, (ii) failure of payment through bank, or (iii) any other unforeseen circumstances leading to failure in submission of form etc. the Tripura University authority shall not be held responsible.

## PROCEDURE FOR SUBMISSION OF REQUISITE FEES FOR APPLICANTS IN THE REGULAR MODE:

Through State Bank of India Power Jyoti Challan only Through SBI: Account No. 33798696060, IFSC Code No: SBIN0010495

- Download the Power Jyoti Challan available on the Tripura University website. Fill up the Challan and submit the requisite fee at any branch of SBI in India. You will get a Journal number from the bank while submitting the fees. Use the number at the time of filling up the form. Keep at least one part of Challan (as fee-submission proof) with you for future reference.
- Applicants are advised to retain proof of fees deposited for future reference.
- Admit Cards may be downloaded after verification of fees paid (if found correct). It may take a few days.
- While filling the online form, make sure to notedown the Journal number (unique for every submission of fees), the failure of which may lead to rejection of application at the time of verification, as a result of which the applicant may not be able to download the admit card.

• Applicants opting for more than one program are advised to check the admission test schedule before applying, so as to avoid collision of test schedules.

However, if, on account of unavoidable and unforeseen circumstances, there are last moment changes in the admission test schedule, an applicant may appear for the admission test for a programme/programmes suitable to the applicant, in the event of which applications for other programmes shall automatically stand cancelled, for which the university authority cannot be held liable.

#### **ENTRANCE TEST CENTRES**

- 1. Tripura University, Suryamaninagar, Agartala
- 2. Kolkata, West Bengal (venue will be declared later on the website)
- 3. Guwahati, Assam (venue will be declared later, on the website)
- 4. Silchar, Assam (venue will declared later, on the website)
- Applicants maydownload their 'Acknowledgement-cum-Admit Cards for the Entrance Test from the university website after necessary verification. It is essential for applicants to bring the "Acknowledgement cum Admit Cards" and another appropriate photo identity proof, failing which he/she shall not be allowed to appear for the test.

## TRIPURA UNIVERSITY ENTRANCE TEST (2015-16) SCHEDULE

Date & day	9 AM – 11 AM	12 PM – 2 PM	3 PM – 5 PM
25.05.2015	1.Mizo Certificate Course 2.MA Kokborok, 3. MA History, 4. M.Sc Physics, 5. MA / M.Sc Geography & Disaster Management	6. Rubber Technology (Vocational Degree) 7. M.A Sanskrit 8. MA Journalism and Mass Communication 9. M.Sc Mathematics, 10. M.Sc Zoology, 11.M.Tech (Electrical Engineering)	12. IMD 13. Kokborok Certificate Course, 14. M.A Education, 15. LLM (Master's Program).
26.05.2015	16. Bachelor in Business Management (BBA), 17. MA. Bengali, 18. M.A. Political Science, 19. Master in Music, 20. M.Sc. Chemistry, 21. Master's in Rural Management and Development (MRMD)	22. PG Diploma in Bamboo Cultivation and Resource Utilization (BCRU) 23. M.A. Sociology, 24. M.Sc Statistics, 25. Master's in Business Management (MBA)	26. GaroCertificate Course 27. PG Diploma in Kokborok (KDC) 28. M.Sc Forestry & Bio Diversity, 29. M.A. English
27.05.2015	30. Bachelor in Computer Applications (BCA), 31. M.A Hindi, 32. M.A/ M.ScPsychology, 33. M.A. Fine Arts, 34. M.ScBotany, 35. Master In Computer Applications (MCA)	36. Video Production (Vocational Degree), 37. M.A / M.ScEconomics, 38. M.ScMicrobiology, 39. M.A. Philosophy 40. M.Sc Human Physiology 41. Master's in Commerce (M.Com)	42. Certificate Course in Functional Hindi 43. PG Diploma in Tribal& Ethnic Studies 44. M.Sc Molecular Biology &Bioinformatics, 45. M.Tech Computer Engineering. 46.Masters'in Pharmacy (M.Pharm)

#### MINIMUM ELIGIBILITY FOR APPLICANTS

- For Master's Degree Program: 10+2+3 Passed or appearing for the qualifying examination (If not stated otherwise in the prospectus for the subject) from a recognized University.
- PG Diploma Program: 10+2+3, final Exam passed or appeared (If not stated otherwise in the prospectus for the subject) from a recognized University.
- Five-year Integrated Master's Degree Program : 10+2 (Higher Secondary or Equivalent) from a recognized Board.
- Undergraduate Programmes (BBA,BCA, Rubber technology, Video Production): 10+2 (Higher Secondary or Equivalent) from a recognized Board.
- Certificate Course: 10+2 (Higher Secondary or equivalent) from a recognized Board.
- Medium of Instruction: English, except for the Language-subjects

#### DOCUMENTS TO BE UPLOADED ALONG WITH ONLINE APPLICATIONS.

- For Indian applicants: Only passport-sized recent colour photograph
- For SC/ST/OBC/PWD: Relevant category certificate,
- For applicants of Jammu & Kashmir: Proof of residence, besides passport-sized colour photograph.

## **METHOD OF SELECTION**

- For Indian applicants: Strictly based on the Entrance Test.
- The Entrance test shall be of 100 marks of 2-hr duration as specified above in the Test Schedule. 50 questions of 2 marks each shall be set. For each correct answer 2 marks shall be awarded. For each wrong answer, 0.5 marks shall be deducted from the total.
- Questions shall only be of the MCQ type. Applicants shall mark their answers on the OMR sheet only. Instructions shall also be provided in the question papers.

#### RESERVATION POLICY

- As **per** the Reservation Rules of the Govt. of India.
- 2 seats in supernumerary available for Kashmiri applicants in each program.

For further query if any, drop in anemail at: admission2015@tripurauniv.in

## ABOUT TRIPURA UNIVERSITY

Tripura University became a Central University on 2<sup>nd</sup> July, 2007 under an Act of the Parliament to establish a teaching and affiliating university in the state of Tripura and to provide for matters connected therewith or incidental thereto. Initially the University was established as a State University on 2<sup>nd</sup> October, 1987. By virtue of the all-out efforts of kings of Tripura from 1947 onwards, many colleges were established in the state with affiliation from Calcutta University. However, due to the geographic distance from the University of Calcutta, it was virtually not possible on the part of a large number of poor students of Tripura to continue further studies after graduation. So the students of the state remained hamstrung by one crucial fact i.e. all of the colleges had to secure affiliation with Calcutta University and there was no scope for university education within Tripura. Since the late 1960s, student movements within Tripura consistently focused on the demand for expansion of opportunities for higher education and setting of Tripura's own university. Responding to rising demands, the Calcutta University authority agreed to offer post-graduate classes in history, mathematics, and economics at the MBB College campus and, in 1976, the University Grants Commission (UGC) formally recognized the Calcutta University Post Graduate Centre (CUPGC). However, the demand for having a full-fledged University in the state remained unfulfilled. This further intensified the state's quest for higher education and demand for a separate university. For a decade, the CUPGC, housed in different scattered old government buildings at College Tilla, Agartala, functioned as the highest centre of learning in the state with many limitations. However, despite severe financial constraints, a new campus was selected by the government for the CUPGC in a green 75-acre, semi-urban setting on the National Highway at Suryamaninagar, about 10 kms south of the capital city Agartala. With the aim of setting up a full-fledged University at that location in the near future, the foundation-stone was laid at Suryamaninagar campus on 18<sup>th</sup> December, 1985 by Dasaratha Deb, the legendary leader of the historic Janasiksha (People's Education) movement and the-then Deputy Chief Minister - cum - Education Minister of Tripura, Taking into consideration the long cherished demands of the student-community and the growing aspirations of the people at large and also acknowledging the present and future needs of education in the state, the State Government took the initiative to pass the Tripura University Act in the Assembly in 1987 and finally the first University in the state came into being. After its upgradation to a Central University, Tripura University has developed considerably and efforts were taken to strengthen the infrastructural facilities in the academic arena vis-à-vis the overall development of the University.

There are also a large number of colleges affiliated to the university. The number of affiliated Colleges at present is 46 among which there are 23 General Degree Colleges, 17 Professional Colleges, 4 Paramedical and Nursing Colleges and 2 Medical Colleges. At present the total enrolment strength in the Affiliated Colleges is 38114.

The University is running various courses under Science and Arts & Commerce Faculty. A total number of 42 courses run under the University, including Certificate Courses, Under Graduate, Post Graduate Diploma and Post Graduate Studies. In addition to these, Ph.D programmes are also offered in 33 subjects.

## **Location, Climate & Connectivity**

The University is located in the picturesque state of Tripura, which is composed of undulating topography with low lying hills in its northern part and dense vegetation cover. The average temperature of Agartala in summer is about 30°C and in winter, about 15°C.

The state is well connected with Gauhati, Silchar and Shillong by road. A daily bus service from Kolkata to Agartala is also available for which a transit visa is needed through Bangladesh. Agartala is also directly connected to Gauhati, Kolkata and other North-eastern cities and with other metros via Gauhati or Kolkata by air route. Agartala also is connected with Lumding and Gauhati by railway. The University is situated in West Tripura District about 9 km away from the City of Agartala and 24 km away from Agartala Airport (Singerbill Airport).

## **Facilities and Services**

## **University Library:**

The central library of Tripura University was established in the year 1976, when it was functioning as a Post Graduate Centre of Calcutta University. The University library offers facilities such as separate Reference Section, Journal Section (old and new), Women's Study Corner, Daily News Paper and Magazines Reading Corner, Thesis Corner, Tripura Corner, Text Book Corner etc.. Besides, reading corners for NET, SET and other competitive examinations, special collection reading corner are also provided in a big room. The library building is also furnished with two conference halls. Moreover, the library has two separate reading halls, one in the ground floor and the other in the first floor. Books are issued in the issue section between 9.30 am to 6.00 pm on all working days except University holidays.

The library has a rich collection of books, monographs, reference works, serials, maps, thesis and dissertations and back volumes of periodicals. It serves the students, research scholars, faculty members, project fellow and project assistants and all non-teaching staff. Further, short time permission to outsiders and research scholars of other Universities is also considered at the discretion of the Librarian.

The Central Library is full of resources, both in terms of books, journals and e-resources. At present the Library has 1, 16,061 (approx) printed books, back volumes and thesis and on average 8056 books have been added in the Library. Besides, Tripura University is a member institution in the UGC-INFONET e-Journals Consortium. The Library provides online access to approximately 8000 e-Journals, 28514 e-books and 10 databases which covers 22 publishers in the diversified fields of sciences, arts, commerce and various social sciences. These e-Journals and databases can be accessed from all departmental computers over a campuswide network. It is worth mentioning that Tripura University was ranked 94 among the Indian Universities in respect of usage of e-Journals and database under UGC-INFONET programme for the year 2012. Further, the Library has a computer lab with 10 computers installed with internet facility provided free of cost to the members of the library to facilitate their academic and research related works.

## **Computing Facilities:**

Tripura University takes proper measures to provide all possible computing facilities to the students, scholars and faculty. The computer centres are made accessible to the students, research scholars and faculty during the University working hours for maximum utilization. For better access internet facility is available in all departments, centres, offices, hostels and staff quarters 24x7. Wi-Fi facility has also been made available in the central library, Guest house and IT department. To work at times of power-cut, high capacity central UPS are installed in some departments and offices for providing back-up during power failures. For public access a good number of computer are available in the University campus.

#### **Central Instrumentation Centre:**

Tripura University has a Central Instrumentation Central to facilitate the Researcher in North-east Universities. While using this centre by North-east Research Workers, accommodation facility is provided to them in the Guest House of Tripura University. Instruments available in the central instrumentation centre of Tripura University are GCMS (Gas Chromatography-Mass spectrum) instruments: model:- Varian 220-MS / 450-GC, 230V (Agilent service), HPLC (High performance liquid chromatography) - Dionex U3000, Atomic Force Microscope (AFM), Model: INOVA, BRUKER, and GSV4004B GPS Ionospheric Scintillation & TEC Monitor (GISTM). Dr. Swapan Majumder, Associate Professor, Department of Chemistry is looking after the instruments GCMS and HPLC. Dr. Syed Arshad Hussain, Assistant Professor, Department of Physics is looking after the instrument GISTM. These instruments are being used by research scholars and faculty members of different departments of this University as well as researchers from different institutions of north east India. Tripura University has also planned to procure and install NMR, XRD and SEM facility under the Central Instrumentation Centre. Initiative in this regard has already been taken.

#### **Hostel Accommodation:**

Fully computerized internet connected hostel facilities are provided generally to students who have come from outside the state, remote parts of the region and economically backward. Presently, there are two hostels for women and Gents with 90 & 80 seat capacities respectively. Two more hostel buildings with 100 seats capacity for Gents and Women is coming up within the campus. Also, a dedicated Ambulance is stationed in the campus for emergency. Common rooms with various recreational facilities are also available in both the hostels. Reading rooms equipped with reading materials and magazines, News Papers, T.V. rooms, etc. are available in all the Hostels. Common food is also available.

#### **Health Services:**

Tripura University has its own Health Centre with full time doctors and nurses (Male & Female) in the campus to serve students, teachers, employees, officers and guests. A separate building has been allotted for this purpose where few beds with saline and oxygen facilities are available. Further the University possesses an Ambulance in case of emergency to transfer patient to the nearby hospital.

## **Bank and Post Offices:**

The university caters adequately to the requirements of the students, scholars and faculty with in-campus needful offices like Banks and Post office. There is a post office inside the university campus to provide its significant services during university hours. Also for emergency or needful purposes there is a branch of SBI inside the campus of the University that is accessible during its office hours. There are also two ATM centres in the university.

## Games & Sports:

The Sports Boards of Tripura University came into existence in 2007. Every year various sports & games are conducted by Tripura University Sports Board during Annual sports. It includes inter departmental football, volleyball, cricket competition. Indoor games are also organized by the board, such as Table Tennis, Carom etc.. Every year the board organises tournaments in various events like football, cricket, volleyball, Judo, Table Tennis and athletics among the affiliated colleges under Tripura University and participating in East Zone/All India Inter University competitions.

#### **Placement Cell:**

Tripura University placement cell was established on 27.10.2005. The Placement Cell of Tripura University plays a vital role and is gradually becoming a key cell of the Tripura University. The competition for employment is increasing every day and the job of placement is becoming a challenging one. The placement Cell ensures and takes care to provide the best arrangements and hospitality for the visiting companies' officials.

The alumni of Tripura University occupy top positions in business, industry, R&D and academic in India and abroad.

Placement cell is performing the following activities:-

- Organizing various development activities that help in personality grooming and also gives them platforms to express themselves and enhance their soft skills.
- Arranging Winter/Summer training for students.
- Coaching Classes for Entry into Services (for TPSC, Banks, Railway and other competitive examinations) for SC/ST/PH/OBC (Non-Creamy Layer) and Minority Students.
- Inviting various organizations for campus recruitment.
- Organising different job oriented training programmes by the reputed organizations.

## **Scholarships and Financial Assistance:**

Various scholarship and financial assistance are provided to the students. It is based on the provision under rules & regulation of particular scheme. The different scholarships are as follows:

Merit-cum-means scholarship, Post Matric scholarship to Lower Income Group, Post Matric scholarship for

Girls Stipend, Maulana Azed National Fellowship for Minority Students, Minority (State Wakf of Board), Beedi Workers Scholarship, Rajiv Gandhi National Fellowship for Students with Disabilities, Nihar Kanna and Dr. Surendranath Scholarship, ONGC Scholarship, Central Government Teaching employees children educational scholarship, Post Metric scholarship for SC on line DBT scheme, Post Matric scholarship for ST on line DBT scheme, Post Matric scholarship for OBC on line DBT scheme, Merit-cum-means scholarship, Post Matric scholarship for Girls Stipend, North East Council Scholarship, Post Graduate Indira Gandhi Scholarship for Single Girl Child, Post Graduate Merit Scholarship for University Rank Holder, Post Graduate Scholarship for Professional Courses for SC/ ST candidates, Junior Research Fellowship for Engineering & Technology, Non-Net Scholarship for Ph.D. Research scholars.

#### Canteen:

Tripura University has a central canteen that offers various foods at a moderate rate, ranging from heavy lunch to light snacks and beverages. The Canteen is located at the ground floor of the sports building, which is at the middle of the University campus and has a capacity of around 100 students to seat at a time and enjoy their food. The Canteen also has a separate seating arrangement for the academic staff with an approximate capacity of 30, to enjoy their lunch and tea. University canteen is open from 10.00 am to 5.00 pm on normal days except University holidays.

## **NET Coaching Centre:**

To facilitate and encourage the students who belong to a socially backward group and don't have access to tutoring classes, the university conducts NET Coaching classes regularly. The classes are conducted particularly for the students belonging to SC/ST and OBC category. These classes take place every weekend from 10.00 am to 1.00 pm in the Gandhighat centre of Tripura University. The academic counsellors of different disciplines take extra care of the students in their preparations and provide adequate reading materials through its library.

#### **NSS UNIT:**

NSS Unit, Tripura University started its endeavour in 1992. At present NSS Unit, Tripura University is engaged with the activities like awareness programme on HIV/AIDS, conduction of seminar, symposium on Voluntary Blood Donation Camp, Body & Eye Donation & Eradication of Thalassaemia, collection of fund for flood victims, collection of books for needy students, Rally on different current issues, networking with national International social organisations. The NSS volunteers are sincerely associated with a school level programme to provide remedial teaching in basic sciences and mathematics to the students of class V to XII. The Programme officer, who is a member of the teaching faculty, provides necessary leadership to the NSS Volunteer/Students like a friend, philosopher and guide.

## Equal Opportunity Cell (EOC):

Tripura University has established its Equal Opportunity Cell on 3<sup>rd</sup> March 2010 to address the issues related to SC/ST, the OBC (non-creamy layer), the minorities and the physically challenged on a continual basis. The broad objective of the Cell is to provide the students belonging to either of the categories sufficient support so that they can successfully lead their life. Specifically the Cell provide support through various coaching schemes to enhance employability, language skills, social capability skills and various other skills to provide the students from the disadvantaged groups. Further, the Cell also took ample interest in effective implementation of policy and programmes for the disadvantaged groups. The Equal Opportunity Cell has introduced many programmes keeping in mind the objective of helping out the students from disadvantaged groups such as English Language Proficiency Class, coaching classes for entry into services, free computer course and soft skills course for a period of three months in collaboration with NIELIT, Tripura. The Cell also takes the opportunity to guide students in availing various scholarship supports.

## **Reservation Cell**

The Cell is responsible for implementing the reservation policy with regard to the admission of the students and the recruitment of teaching and non-teaching staff at various levels. The main objective of providing reservation for Scheduled Castes, Scheduled Tribes and Other Backward Communities (Non-Creamy layer category) in Government services and admission of students is to improve the status of these people socially and educationally so that they can take their rightful place in the mainstream of the society. To ensure the effective implementation of the reservation policy in admission, recruitment, allotment of staff quarters, hostels etc..

As per the Central Educational Institutions (Reservation in Admission) Act, 2006 and the Central Educational Institutes (Reservation in Admission) Amendment Act, 2012, 31% of Seats in each subject / course will be reserved for S.T. candidates, 17% for S.C., 2% for OBC (Non-creamy layer), 3% for PWD. If reserved category candidates are not available then the vacant seats will be filled by the students of other category in order of general merit position.

The outstanding sports men and women who represented at the National and International level are eligible for availing sports quota subject to the condition that they fullfil the minimum eligibility criteria in their respective subjects for admission. One seat in each department upto 50 intake and 2 seats in each department having more then 50 intake will be earmark as sports quota. The outstanding sports men and women representing the country at the international level will get first priority.

## **Anit-Ragging Committee & Squad:**

As per the UGC Regulations on curbing the menace of Ragging in Higher Educational Institutions, 2009, Tripura University has also form a Anit-Ragging Committee and a Anit-Ragging Squads under the Chairmanship of the Vice-Chancellor. This committee functions actively throughout the years to eliminate all possibilities of occurrence of ragging in any form.

Tripura University has a Zero Tolerance Policy for Ragging. Ragging in all its forms is totally banned in the entire Tripura University complex including its departments, and, all its premises (academic, residential, sports, canteen, etc.) University shall take strict action against those found guilty of ragging and/or of abetting ragging.

Any complaint of ragging can be made to the nodal officer. The Name, e-mail address, mobile number of the Nodal Officer is given below:

Name : Nishikant Kolge

e-mail id : kolge270477@gmail.com

**Mobile Number** : +91-9862132692

## **DEPARTMENT OF BOTANY**

## **About the Department:**

On the 12th of the June, 2007, the Department of Botany came into existence through the trifurcation of the Department of Life Sciences, established in 1976, with the objective of providing post graduate qualification to the students of the state of Tripura. With the humble beginning as a part of the then PG Centre of the University of Calcutta, the Department has moved ahead with time and now is running three Special Papers, viz., (i) Cytogenetics and Plant Biotechnology, (ii) Plant Physiology and (iii) Plant Systematics and Biodiversity. A number of major research projects funded by various National Scientific Agencies have being undertaken by Faculty Members.

Year of Establishment : 2007

**Head of the Department** : Prof. B. K. Datta **Course Details** : **M.Sc., Ph.D.** 

Intake Capacity : M.Sc. - 25

## **Course Curriculum**

CORE COURSES

Course Code	Name of the Courses	Credits
BTNY 701C	Diversity of Cryptogams (Algae, Fungi, Bryophytes and Pteridophytes)	04
BTNY 702C	Gymnosperms, Palaeobotany, Anatomy and Pharmacognosy	04
BTNY 703C	Cell and Molecular Biology	04
BTNY 704C	Cytogenetics and Genetics	04
BTNY 705C	Practical	04
BTNY 801C	Plant Pathology and Microbiology	04
BTNY 802C	Plant Taxonomy and Ecology	04
BTNY 803C	Plant Physiology and Metabolism	04
BTNY 804C	Practical	04
BTNY 901C	Practical	04
BTNY 902C	Project Work	04
BTNY 1001C	Project Work	04

## **ELECTIVE COURSES**

Course Coo	e Name of the Courses	Credits
BTNY 805	Plant Tissue Culture and Breeding / Environment and Green Chemistry	04
BTNY 903	Basics of Statistics /Biochemistry	04
BTNY 904	<ul><li>Special Paper : Plant Systematics and Biodiversity / Special</li><li>Paper : Cytogenetic and Plant Biotechnology</li></ul>	02
BTNY 100	Reproductive Biology of Flowering Plants / Bioinformatics	02
BTNY 100	BE Bamboo Conservation and Management / Immunology	02

## **COMPULSORY FOUNDATION COURSES**

Course Code	Name of the Courses	Credits
Computer Skills - II		04

## **Eligibility Criteria for Admission**

• BSc./BSc. (Hons.) in Botany

OR

• Appeared in BSc./BSc. (Hons.) Final Exam, 2015 in Botany

Admission through Research Eligibility Test (RET). One Semester Ph.D. Course work followed by Ph.D. Ph.D. Programme

Registration

**Faculty Position** 

Name	Designation	Specialization
Prof. Sangram Sinha	Professor	Cytogenetics
Prof. Rabindra Kumar Sinha	Professor	Cytogenetics & Plant Biotechnology
Prof. Badal Kumar Datta	Professor	Plant Taxonomy & Biodiversity
Dr Ajay Krishna Saha	Reader	Mycology & Plant Pathology
Dr Surochita Basu	Assistant Professor	Cytogenetics & Cell Biology
Dr Panna Das	Assistant Professor	Microbiology

## **DEPARTMENT OF CHEMISTRY**

## **About the Department:**

The Department of Chemistry was established as "Post Graduate Center" of Chemistry under the University of Calcutta in 1976 at Agartala to cater to the interest of the local students. The Department is playing a pivotal role in academic excellence of the University. At the beginning faculty strength was less and department offered Master's Degree in Chemistry with only Analytical Chemistry Specialization. With the increasing number of faculty and improved infra-structure, specializations in the areas of Inorganic Chemistry, Organic Chemistry and Physical Chemistry were introduced. The Department has the distinction of producing NET/SLET qualified students every year.

The Department is actively involved in innovative research activity since its inception and activity enhanced to a great extent in the recent past due to the financial assistance from different funding agencies viz.UGC, CSIR,ICMR, DBT and DST etc as major research projects to the faculty members. The major areas of research interest are in the fields of medicinal plants chemistry, organic synthetic chemistry, synthetic and structural inorganic chemistry, coordination chemistry, quantum chemistry, surfactants and colloids etc The faculty members are frequently publishing research papers in reputed International and National Journals.

Year of Establishment : 1976

Head of the Department : Prof. R.K.Nath

Course Offered : M.Sc., Ph.D. and Rubber Technology

Intake Capacity : M.Sc. - 30, RT - 30

#### Course Curriculum - Msc.

## **CORE COURSES**

	Course Code	Name of the Courses	Credits
CHEM	701C	Inorganic Chemistry-I	04
CHEM	702C	Organic Chemistry-I	02
CHEM	703C	Physical Chemistry-I	02
CHEM	704C	Chemistry Practical-I	04
CHEM	801C	Inorganic Chemistry-II	02
CHEM	802C	Organic Chemistry-II	04
CHEM	803C	Physical Chemistry-II	02
CHEM	804C	Chemistry Practical-II	04
CHEM	901C	Inorganic Chemistry-III	02
CHEM	902C	Organic Chemistry-III	02
CHEM	903C	Physical Chemistry-III	04
CHEM	904C	Chemistry Project-I	04
CHEM	1001C	Inorganic Chemistry-IV	02
CHEM	1002C	Organic Chemistry-IV	02
CHEM	1003C	Physical Chemistry-IV	02
CHEM	1004C	Supra-molecular and Nano Chemistry	02
CHEM	1005C	Chemistry Project-II	04

# **ELECTIVE COURSES**Name of the Courses

Course Co	ode Name of the Courses	Credits
CHEM 805E	Spectroscopic methods in inorganic Chemistry	02
CHEM 806E	Nuclear and Radiation Chemistry	02
CHEM 807E	X-ray Crystallography	02
CHEM 808E	Pericyclic and Organic Photo Chemistry	02
CHEM 809E	Chemistry of Bio Molecules	02
CHEM 810E	Medicinal Chemistry-I	02
CHEM 811E	Quantum Mechanics	02
CHEM 812E	Spectroscopy-I	02
CHEM 813E	Surface Chemistry	02
CHEM 905E	Metal Clusters	02
CHEM 906E	Inorganic Polymers	02
CHEM 907E	Analytical Techniques in Chemistry	02
CHEM 908E	Chemistry of Macromolecules	02
CHEM 909E	Chromatographic Techniques of Separation	02
CHEM 910E	Enzyme Chemistry	02
CHEM 911E	Polymer Chemistry	02
CHEM 912E	Statistical Mechanics - I	02
CHEM 913E	Advanced Group theory	02
CHEM 1006E	Organometallics and Catalysis	02
CHEM 1007E	Bio-Inorganic Chemistry	02
CHEM 1008E	Environmental and Green Chemistry	02
CHEM 1009E	Advanced Spectroscopic Techniques	02
CHEM 1010E	Chemistry of Natural Products	02
CHEM 1011E	Medicinal Chemistry-II	02
CHEM 1012E	Photochemistry	02
CHEM 1013E	Fortran and C, C+, C++ Programming Statistical Mechanics - II	02 02
CHEM 1014E		02
Course Co	de COMPULSORY FOUNDATION COURSES  Name of the Courses	Credits
(	Computer Skills - III	02

## **Eligibility Criteria for Admission in M.Sc. Chemistry:**

Statistics

• B.Sc (Hons./Pass) in Chemistry

02

OR

• Appeared in B.Sc. (Hons.) Final Exam, 2015 in Chemistry

# **Bachelor Programme in Rubber Technology Vocational Degree Programme (Six Semesters)**

# Course Curriculum CORE COURSES

Course Code	Name of the Courses	Credits
RUBT 101C	Natural Rubber Plantation Science - I	04
RUBT 102C	Market Survey on Rubber Product	04
RUBT 103C	Latex analysis, coagulation etc	04
RUBT 201C	Natural Rubber Science II	04
RUBT 202C	Industrial Training	08
RUBT 203C	PROJECT WRITING on Industrial Training & Presentation.	04
RUBT 301C	Rubber Engineering	04
RUBT 302C	Project on Rubber	04
RUBT 303C	Quality Testing of ISNR, Visual Grading of RSS, VFA, Estimation of PFL	04
RUBT 401C	Industrial Training	16
RUBT 402C	PROJECT WRITING on Industrial Training & Presentation.	02
RUBT 501C	Advanced Theory on Rubber	04
RUBT 502C	Role of adhesive, rubber compounding designing	04
RUBT 503C	PROJECT WRITING on Industrial Training & Presentation	04
RUBT 601C	Industrial training.	16
RUBT 602C	PROJECT WRITING on Industrial Training & Presentation.	02
	ELECTIVE COURSES	
Course Code	Name of the Courses	Credits
RUBT 104E	COMMUNICATING SKILLS	04
RUBT 204E	Soft Skills	04
RUBT 304E	Business Concept.	04
RUBT 305E	Entrepreneurship training	04
Course Code	COMPULSORY FOUNDATION COURSES Name of the Courses	Credits

## Eligibility Criteria for Admission :

Computer Skills - I

- 10+2 Exam passed with Biology / Chemistry as a combination Subjects.

  OR
- Appeared 10+2 Exam with Biology / Chemistry as a combination Subjects. Final Examination 2015.

[ Note: The Course Curriculum is subject to change after discussion with NSDC & RSDC (concerned sector skill council) ]

Ph.D. Programme: Admission through Research Eligibility Test (RET).

One Semester Ph.D. Course work followed by Ph.D. Registration

04

## **Faculty Position:**

Name	Designation	Specialization
Prof. M. K. Singh	Professor	Inorganic Chemistry
Prof. D. Sinha	Professor	Physical Chemistry
Prof. R. K. Nath	Professor	Physical Chemistry
Dr. R. N. Datta-purkayastha	Associate Professor	Inorganic chemistry
Dr. S. Majumdar	Associate Professor	Organic chemistry
Dr. U. C. De	Assistant Professor	Organic chemistry
Dr. S. Chowdhury	Assistant Professor	Inorganic chemistry

## **DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

## **About the Department:**

The Department of Computer Science & Engineering started its journey on 19th August, 2005 with due approval from AICTE. The Department continues to bloom under the strict observation of dedicated faculties, who have ensured high quality teaching from the beginning of the Department and the collaborative effort of its efficient students. The course structure has been framed to meet the requirements of industries and R&D organizations. Eminent faculty members from reputed institutes are invited to take class and enrich the knowledge of the students. The Department has also organized workshops on the emerging areas of research.

Year of Establishment : 2005

Head of the Department : Mr. Abhishek Majumder (I/C)

Course Offered : M.Tech. Intake Capacity : 24

## **Course Curriculum**

Course Code		Name of the Courses	Credits
		CORE COURSES	
CSEN	901C	Design & Analysis of Algorithms	04
CSEN	902C	Wireless Communication & Mobile Computing	04
CSEN	903C	Image Processing	04
CSEN	904C	Probability and Random Process	04
CSEN	905C	Image Processing Lab	02
CSEN	906C	Mobile Computing Lab	02
CSEN	1001C	Language Translator	04
CSEN	1002C	Network Security & Cryptography	04
CSEN	1003C	Term Paper Leading to Thesis	02
CSEN	1004C	Design Project	02
CSEN	1101C	Thesis Report Interim	04
CSEN	1102C	Thesis Seminar Interim (Presentation & VIVA-VOCE)	04
CSEN	1103C	Technical Comunication	02
CSEN	1104C	Workshop and Seminars	01
CSEN	1201C	Thesis Report Final	04
CSEN	1202C	Thesis Seminar Final (Presentation & VIVA-VOCE)	04
CSEN	1203C	Workshop and Seminars	01

## **ELECTIVE COURSES**

Cou	rse Code	Name of the Courses	Credits
CSEN	1005E	Language Translator, Pattern Recognition, Optical Communication	04
		& Network / Software Engineering VLSI & Microprocessor	
CSEN	1006E	Optical Information Processing, Distributed Computing, Information	02
		Security, Soft Computing & Introduction of Quantum Computing	
CSEN	1005E	Business Ethics / Fuzzy Set Theory / Financial Management /	02
		Modern Control Systems / Big Data	
CSEN	1105E	Fundamentals of Mang. Bioinformatics : Sequence analysis,	02
		Advanced Imaging Technology & web Technology	
CSEN	1106E	Communicative English / Yoga / NSS and Social Services	02

## **COMPULSORY FOUNDATION COURSES**

Course Code Name of the Courses Credits

Computer Skills - III

Eligibility Criteria for Admission

B.E / B.Tech in Computer Science and Engineering OR B.E / B.Tech in IT OR MCA from any

AICTE / University approved Institute

OR

Appeared in B.E / B.Tech in Computer Science and Engineering OR B.E / B.Tech in IT OR MCA from any AICTE / University approved Institute's Final Exam, 2015.

**Ph.D. Programme** : Admission through Research Eligibility Test (RET).

One Semester Ph.D. Course work followed by Ph.D.

04

Registration

Faculty Position :

Name Designation Specialization

Sri Mrinal Kanti Bhowmik Assistant Professor Computer Science & Engineering

Sri Abhishek Majumder Assistant Professor Information Technology

#### DEPARTMENT OF ELECTRICAL ENGINEERING

## **About the Department:**

The Department was established on 19th August 2005, with a faculty of two teachers, as a part of Prime Minister's Common Minimum Program for North East with due approval from AICTE. Initially it was housed in few rooms of an old building of Tripura University. Now it has its own Technology Building in the University which was inaugurated by Smt. Pratibha Devisingh Patil, Former President of India & Visitor of Tripura University on 25th September, 2010. Besides its own faculty members, the Engineering Department of Tripura University has a unique advantage of utilities outside resources. Eminent teachers of some of the leading Universities and Institutions of the country come to Tripura University on a regular basis, to teach courses in the Engineering Department. The Department had organized a good number of seminars and completed project funded by AICTE. The Department has the reputation of producing a large number of students several of whom have joined with suitable placements in Government & Public sectors.

Year of Establishment : 2005

Head of the Department : Mrs. Champa Nandi (I/C)

Course Offered : M.Tech. & Ph.D Intake Capacity : M.Tech. - 24

## **Course Curriculum**

## **CORE COURSES**

Name of the Courses	Credits
Modern Control Systems	04
Modern Power System Operation and Control	04
Nonconventional Energy Sources and Power Generation	03
Electrical Machine Lab	02
Control and Measurement Lab	02
Power System Protection and Switchgear	04
Power Electronics Converters	04
Power Electronics Lab	02
Power System Simulation Lab and Project Design	02
Thesis Report Interim (Phase-I)	04
Thesis Seminar Interim (Presentation & VIVA-VOCE)	04
Technical Communication	02
Workshop and Seminar	01
Thesis Report Final	04
Thesis Seminar Interim (Presentation & VIVA-VOCE)	04
Workshop and Seminar	02
	Modern Control Systems Modern Power System Operation and Control Nonconventional Energy Sources and Power Generation Electrical Machine Lab Control and Measurement Lab Power System Protection and Switchgear Power Electronics Converters Power Electronics Lab Power System Simulation Lab and Project Design Thesis Report Interim (Phase-I) Thesis Seminar Interim (Presentation & VIVA-VOCE) Technical Communication Workshop and Seminar Thesis Report Final

#### **ELECTIVE COURSES**

Course Code	Name of the Courses	Credits
EENG 906E	Fuzzy Set Theory	03
EENG 907E	Advanced Mathematics	03
EENG 908E	Non-Linear Control System	03
EENG 909E	Artificial Neural Network	03
EENG 910E	DSP and Communication Networking	03
EENG 911E	Image Processing	03
EENG 912E	Probability and Random Processes	03
EENG 913E	Introduction of Quantum Computing	03
EENG 914E	Biomedical Instrumentation	03
EENG 1005E	Optical Information Processing	03
EENG 1006E	Advanced Electrical Drives	03
EENG 1007E	Fuzzy Logic and Applications	03
EENG 1008E	Power Electronics Applications in Power Systems	03
EENG 1009E EENG 1010E	Information Security Generalized Electrical Machines	03 03
EENG 1010E EENG 1011E	VLSI & Microprocessor	03
EENG 1011E	EMI/EMC	03
EENG 1105E	Business Ethics	04
EENG 1106E	Fundamental of Business Managements	04
EENG 1107E	Wireless Communication and Mobile Computing	04
EENG 1108E	Smart Grid	04
EENG 1109E	Power System Instrumentation	04
EENG 1204E	Web Technology	03
EENG 1205E	Bioinformatics Sequence Analysis	03
EENG 1206E	Special Electrical Machines	03
EENG 1207E	Advance Electronics	03
EENG 1208E	Sensors and Systems	03
	COMPULSORY FOUNDATION COURSES	-
Course Code	Name of the Courses	Credits
	Computer Skills III: Basics of Lab View Software	04

Basics of PSCAD Software and E-Content Development

## **Eligibility Criteria for Admission**

• B.E./B.Tech in Electrical Engineering or Allied Branch of Electrical Engineering

OR

• Appeared in B.E./B.Tech Final Exam, 2015 in Electrical Engineering or Allied Branch of **Electrical Engineering** 

Ph.D. Programme : Admission through Research Eligibility Test (RET).

One Semester Ph.D. Course work followed by Ph.D. Registration

**Faculty Position** 

Name Designation **Specialization** Mrs. Sangita Das Biswas **Assistant Professor** Electrical Machines, Power Systems Mrs. Champa Nandi **Assistant Professor** Control Systems, Power Electronics

and FACTS Controllers,

Mrs. Gagari Deb Lecturer (Contractual) Electrical Drives, Power System

Protection & Switchgear, DSP & Communication Networking

#### **DEPARTMENT OF FORESTRY & BIODIVERSITY**

## **About the Department:**

The Department of Forestry and Biodiversity came into existence in 2011 under the Faculty of Science. Purpose of the department is holistic development of forestry and biodiversity through its teaching, research, consulting, extension activities and publication. With these in view, the students pursuing post graduate programme in forestry and biodiversity will cater to the market requirement in the sector as well as to promote excellence in academics/research arena in forestry. It is also proposed to assist, institute and carry out research in different aspects of forestry and biodiversity matters concerning the use of management and allied techniques and methods conducive to the development of forestry in the country. The Department shall also strive to deal with the solution based forestry research in tune with the emerging issues in the sector, including global concerns such as climate change, conservation of biological diversity, wetlands, sustainable management and development of resources. The department also assists in the transfer of technology to the users viz, farmers/orchardists, state forest departments and different voluntary organizations.

**Year of Establishment** : 2011

**Head of the Department** : Dr. Sourabh Deb (I/C)

**Courses Offered** : M.Sc., Ph. D. Intake Capacity : M.Sc. - 20

# Course Curriculum CORE COURSES

Course Code	Name of the Courses	Credits
FRBD 701C	Silviculture	3
FRBD 702C	Forest Biometry	3
FRBD 703C	Biodiversity and Conservation	4
FRBD 704C	Forest Ecology	3
FRBD 705C	Practical - I	3
FRBD 801C	Systematics	3
FRBD 802C	Forest Protection	3
FRBD 803C	Forest Resource Management	3
FRBD 804C	Practical - II	3
FRBD 901C	Forest Soil & watershed management	4
FRBD 902C	Forest policy	2
FRBD 903C	Seminar/Field work/Lab work	2
FRBD 904C	Project - I	4
FRBD 1001C	Forest Utilization & Forest based Industries	4
FRBD 1002C	Project - II	4

## **ELECTIVE COURSES**

C	Course Code	Name of the Courses	Credits
FRBD	905E	Forest Genetics and Tree Improvement	4
FRBD	906E	Forest Biotechnology	4
FRBD	907E	Medicinal and Aromatic plants	4
FRBD	908E	Agroforestry	4
FRBD	905E	Remote Sensing & GIS	4
FRBD	1003C	Wildlife management	4
FRBD	1004C	Forest Biology & Tree Physiology	4
FRBD	1005C	Basic Statistics	4
FRBD	1006C	Communication skills	2

## COMPULSORY FOUNDATION

Course Code Name of the Courses Credits
Computer Skills II 4

## Eligibility Criteria for Admission

• BSc. (Hons./Pass) with at least one out of Botany, Zoology, Environmental Sc, Agricultural Sc, Forestry or allied Subjects.

OR

• Appeared in above of the subject in Final Exam, 2015

**Ph.D. Programme** : Admission through Research Eligibility Test (RET).

One Semester Ph.D. Course work followed by Ph.D.

Registration

Faculty Position

Name	Designation	Specialization
Dr Sourabh Deb	Assistant Professor	Agroforestry & Forest Ecology
Dr Thiru Selvan	Assistant Professor	Tree Improvement and Genetic Resources
Dr Bimal Debnath	Assistant Professor	Plant Biodiversity & Forest Biotechnology

## DEPARTMENT OF GEOGRAPHY AND DISASTER MANAGEMENT

## **About the Department:**

The Department of Geography and Disaster Management was established in the month of December, 2004. The thrust area of the department is Fluvial Geomorphology. Regional planning and Development. Special emphasis is given to teach modern technologies like Remote Sensing (RS) and Geographic Information System (GIS) and their application in the field of research. Presently laboratories for RS and GIS, Fluvial Hazard Analysis and Regional Planning are fully utilized under the guidance of the respective faculty members.

Year of Establishment : 2004

Head of the Department:Dr. Nibedita Das (Pan)Courses Offered:M.A./M.Sc., Ph.D.Intake Capacity:M.A./M.Sc. - 26

## **Course Curriculum**

#### **CORE COURSES**

Course Cod	e Name of the Courses	Credits
GEDM 701C	Geomorphology (Theory)	4
GEDM 702C	Population & Settlement Geography(Theory)	4
GEDM 703C	Map Interpretation & Statistical Techniques (Practical)	4
GEDM 801C	Climatology & Oceanography (Theory)	4
GEDM 802C	Social & Political Geography (Theory)	4
GEDM 803C	Cartography & Quantitative Mapping (Practical)	4
GEDM 901C	Philosophy Of Geography (Theory)	4
GEDM 902C	Remote Sensing & GIS (Practical)	5
GEDM 903C	Field Report & Surveying (Practical)	5
GEDM 1001C	Fluvial Geography/ Regional Planning (Theory)	4
GEDM 1002C	Fluvial Geography/ Regional Planning (Project) (Practical)	6

## **ELECTIVE COURSES**

С	ourse Code	Name of the Courses	Credits
GEDM	704E	Natural Resource Management	4
GEDM	705E	Regional Geography of India	4
GEDM	706E	Industrial Geography	4
GEDM	804E	Geography of North-east & Tripura	4
GEDM	805E	Soil & Bio Geography	4
GEDM	806E	Geography of Tourism	4
GEDM	904E	Agricultural Geography	4
GEDM	905E	Hydrology & Water Resource Management	4
GEDM	906E	Environment & Disaster Management	4
<b>GEDM</b>	1003E	Transport Geography	4
GEDM	1004E	Urban Geography	4
<b>GEDM</b>	1005E	Cultural & Historical Geography	4

## **COMPULSORY FOUNDATION COURSES**

Course Code	Name of the Courses	Credits
	Computer Skills I	4

## **Eligibility Criteria for Admission**:

BA/BSc (Hons/Pass) in Geography

OR

• Appeared in BA/BSc. (Hons/Pass) Final Exam, 2015 in Geography

**Ph.D. Programme** : Admission through Research Eligibility Test (RET).

One Semester Ph.D. Course work followed by Ph.D.

Registration

Faculty Position :

Name	Designation	Area of Specialization	
Dr. Nibedita Das (Pan)	Associate Professor	Fluvial Geomorphology, Fluvial	
		Hazard Analysis and Disaster Management	
Mrs. Jimmi Debbarma	Assistant Professor	Resource Studies	
Mrs. Mousami Debbarma	Assistant Professor	Social Geography	
Dr. Saptarshi Mitra	Assistant Professor	Regional Planning and Development	

## **DEPARTMENT OF HUMAN PHYSIOLOGY**

## **About the Department**

The Department of Human Physiology was established in 2007 and the department strives for excellence in biomedical research and education to advance human health and welfare. The basic principle that provides the foundation for the study of human physiology is the maintenance of homeostasis through the operation of complex control systems encompassing all levels of the hierarchy of human structure and function (i.e., cells, tissues, organs, and organs systems). Therefore, the course in the curriculum emphasizes an integrated study of humans across this hierarchy of structure and function. Staff of the Department of Human Physiology play a major role in teaching to postgraduate students. Along with teaching, the faculty in the Physiology Department conducts outstanding, cutting-edge research on fundamental functions of cells and tissues. There is also keen interest in the cellular and molecular basis of diseases and translation of basic science research to develop novel therapeutic approaches.

Year of Establishment : 2007

Head of the Department : Dr. Samir Kr. Sil

Course Offered : M. Sc., Ph.D.

Intake Capacity : M.Sc. - 25

#### **Course Curriculum**

## **CORE COURSES**

Cour	se Code	Name of the Courses	Credits
HPHY	701C	Molecules & Physiochemical Interactions Relevant to Biology (Theory)	02
HPHY	702C	Biomembrane Physiology, transport & cell-cell communication (Theory)	02
HPHY	703C	Cellular Biochemistry, Bioenergetics & Enzyme Kinetics (Theory)	04
HPHY	704C	Cell Biology & Cell Biology Techniques (Theory)	02
HPHY	705C	Lab work I (Biochemistry, Cell Biology, Immunology) (Practical)	04
HPHY	801C	Regulatory Mechanisms of Cardiovascular, Respiratory system (Theory)	02
HPHY	802C	Hematology& Immunology (Theory)	02
HPHY	803C	Molecular Biology & Molecular Biology Techniques (Theory)	02
HPHY	804C	Seminar on Techniques in Physiology (Soft Skill)	01
HPHY	805C	Lab Work II (Hematology, Histology, Molecular Biology) (Practical)	04
HPHY	901C	Physiology of Digestion, Nutrition & Growth (Theory)	02
HPHY	902C	Physiology of Excretion, Thermoregulation & Integumentary system (Theory)	02
HPHY	903C	Molecular Endocrinology, Reproductive & Developmental Physiology (Theory)	02
HPHY	904C	Seminar on Recent Trends in Physiology (Soft Skill)	01
HPHY	905C	Lab Work III (lab work on Advances in Human Physiology) (Practical)	04
HPHY	1001C	Nervous System, Neuromuscular physiology & Special Senses (Theory)	04
HPHY	1002C	Project on Advances in human Physiology.	80

# ELECTIVE COURSES

Cou	rse Code	Name of the Courses	Credits
HPHY	806E	Pharmalogical and Toxicological Principles (Theory)	02
HPHY	807E	Sports & Exercise Physiology (Theory)	02
HPHY	808E	Nutrition & Health (Theory)	02
HPHY		Advances in Human Molecular Genetics Paper I (Theory)	
HPHY	907E	Advances in Microbiology, Immunology & Tissue Culture Paper I (Theory)	02
HPHY	908E	Advances in Endocrinology & Reproductive Physiology Paper-I (Theory)	02
HPHY	909E	Advances in Nutritional Biochemistry Paper-I (Theory)	02
HPHY	910E	Medical Microbiology & Stem cell Biology (Theory)	02
HPHY	911E	Eukaryotic Gene Expression & Human Genetics (Theory)	02
HPHY	912E	Environmental Physiology (Theory)	02
HPHY	1003E	Advances in Human Molecular Genetics Paper II (Theory)	02
HPHY	1004E	Advances in Microbiology, Immunology & Tissue Culture Paper I (Theory)	I 02
HPHY	1005E	Advances in Endocrinology & Reproductive Physiology Paper II (Theory)	02
HPHY	1006E	Advances in Nutritional Biochemistry Paper II (Theory)	02
HPHY	1007E	Research Methodology & Ethical Issues in Biomedical Research (Theory)	າ 02
HPHY	1008E	Bioinformatics – To be offered by Dept. of Mol. Biology & Bioinformatics	02

## **COMPULSORY FOUNDATION COURSES**

Course CodeName of the CoursesCreditsComputer Skills - II04

## Eligibility Criteria for Admission :

• BSc./BSc. (Hons/ Pass) in Human Physiology

OR

• Appeared in BSc./BSc. (Hons/ Pass.) Final Exam, 2015 in Human Physiology

**Ph.D. Programme** : Admission through Research Eligibility Test (RET).

One Semester Ph.D. Course work followed by Ph.D.

Registration

Faculty Position

Name	Designation	Specialization
Dr. Samir Kumar Sil	Associate Professor	Human Molecular Genetics/Biochemistry/
Immunogenetics		·
Dr. Dipayan Choudhury	Reader	Endocrinology & Reproductive Physiology
Dr. Debasish Maity	Associate Professor	Immunology, Microbiology, Tissue culture
Dr. Sudipta Pal	Assistant Professor	Biochemistry

## DEPARTMENT OF INFORMATION TECHNOLOGY

## **About the Department**

The Department of Information Technology at the Tripura University has been started with the objective of promoting research and development, industrial consultancy, and teaching in the frontier areas of Information Technology. The department of Information Technology offers a unique combination of courses and project that helps the students to cope with the recent advancements in the computer industry and information technology. The Department currently offers Bachelors in Computer Application (BCA) and Masters in Computer Application (MCA) programmes. "School of Information Technology & Computer Science" was established in 2002 and introduced the BCA and MCA courses. It was under the Directorate of Professional Studies (DPS) in Tripura University. In 2009 it converted into "Department of Information Technology" of Tripura University (A Central University).

In addition to the academic programmes at the UG as well as the PG levels, the Department has been carrying out active research in the fields of computer networks & wireless sensor networks, Medical Image Processing, Computer & Robot Vision, and Software Engineering.

Year of Establishment : 2002

Head of the Department: Shibendu Debbarma
Course Offered: Ph.D, MCA, and BCA
Intake Capacity: MCA: 30, BCA: 30

## **Course Curriculum**

## **BCA**

#### **CORE COURSES**

Course Code	Name of the Courses	Credits
INFT 101C	Fundamentals of Information Technology	4
INFT 102C	Physics	4
INFT 103C	Mathematics	4
INFT 104C	English and Functional Communication	2
INFT 105C	Soft Skill & Communication Laboratory	2
INFT 201C	Computer Organization	4
INFT 202C	Basic Electronics	4
INFT 203C	C Programming	4
INFT 204C	Electronics Laboratory	2
INFT 205C	C Programming Laboratory	2
INFT 301C	Software Engineering	4
INFT 302C	Data Structure	4
INFT 303C	Operating System	4
INFT 304C	Data Structure Laboratory	2
INFT 305C	Introduction to Unix/ Linux Laboratory	2
INFT 401C	Microprocessor	4
INFT 402C	Database Management Systems	4
INFT 403C	Microprocessor Laboratory	2
INFT 404C	Database Management Systems Laboratory	2
INFT 501C	Data Communication and Computer Networks	4
INFT 502C	Web Technology	2
INFT 503C	Computer Network Laboratory	2
INFT 504C	Web Technology Laboratory	2
INFT 601C	Project and Viva Voce	10

		ELECTIVE COURSES	
Cou	rse Code	Name of the Courses	Credits
INFT 405E	Website Designi	ing	3
INFT 406E	Object Oriented	Programming using C++	4
INFT 407E	Object Oriented	Programming using Java	4
INFT 408E	TCP/IP Network	Programming	4
INFT 409E	Windows Progra	amming	4
INFT 410E	Multimedia Tec	hnology	4
INFT 411E	Computer Grap	nics	4
INFT 412E	Data Mining and	d Data Warehousing	4
INFT 413E	Discrete Mather	matics	4
INFT 414E	Image Processin	g	4
INFT 415E	Sensor Network	s	4
INFT 416E	Software Projec	t Management	4
INFT 505E	Advanced Webs	ite Designing	4
INFT 506E	Advanced DBM	S	4
INFT 507E	Computer Vision	า	4
INFT 508E	Cryptography		4
INFT 509E	Formal Languag	e and Automata Theory	4
INFT 510E	Mobile Comput	ing	4
INFT 511E	Pattern Recogni	tion	4
INFT 512E	Yoga		4
INFT 513E	Music		4
INFT 514E	Fine Arts		4
INFT 515E	Communicative	English	4
INFT 516E	NSS		4

## MCA

## **CORE COURSES**

Cou	urse Code	Name of the Courses	Credits	
INFT	701C	Mathematical Foundations of Computer Applications		3
INFT	702C	Programming in C		4
INFT	703C	Computer Organization & Assembly Language Programming		4
INFT	704C	Programming in C Laboratory		2
INFT	705C	Assembly Language Programming Laboratory		2
INFT	801C	Algorithm and Data Structures		4
INFT	802C	Operating System		4
INFT	803C	Data Structures Laboratory		2
INFT	804C	Unix Laboratory		2
INFT	901C	Software Engineering		3
INFT	902C	Object Oriented Programming (C++, Java)		4
INFT	903C	Data Communication & Computer Network		4
INFT	904C	Object Oriented Programming Laboratory (C++, Java)	2	
INFT	905C	Computer Network Laboratory	2	
INFT	1001C	Database Management Systems	4	
INFT	1002C	Web Technology	4	
INFT	1003C	Database Management Systems Laboratory	2	
INFT	1004C	Web Technology Laboratory	2	
INFT	1101C	Seminar & Technical Writing	2	
INFT	1201C	Project and Viva Voce	10	

#### **ELECTIVE COURSES**

	Course Coo	de Name of the Courses	Credits
INFT	805E	Accounting and Financial Management	4
INFT	806E	Business Management	4
INFT	807E	Entrepreneurship Development	4
INFT	808E	Organization Behavior	4
INFT	906E	Digital logic and Basic Electronics	4
INFT	907E	Internet Technology	4
INFT	908E	Discrete Mathematical Structures	4
INFT	909E	Numerical Methods	4
INFT	1004E	Adhoc& Sensor Networks	4
INFT	1005E	Distributed Computing	4
INFT	1006E	Formal Language and automata Theory	4
INFT	1007E	Software Project Management	4
INFT	1008E	Image Processing	4
INFT	1009E	Data Mining and Data Warehousing	4
INFT	1010E	Network Synthesis	4
INFT	1011E	Advanced Networking	4
INFT	1012E	Soft Computing	4
INFT	1102E	Mobile Communication	4
INFT	1103E	Parallel Processing	4
INFT	1104E	Cryptography and Network Security	4
INFT	1105E	Compiler Design	4
INFT	1106E	TCP/IP Network Programming	4
INFT	1107E	Information Retrieval and Web Mining	4
INFT	1108E	Advances in Database	4
INFT		Artificial Intelligence	4
INFT		Multimedia Technology	4
INFT		Pattern Recognition	4
INFT		Object Oriented Analysis and Design	4
INFT		Cloud Computing	4
INFT		Digital Signal Processing	4
INFT	1202E	Soft Skill for MCA	3
INFT		Yoga	3
INFT		Music	3
INFT		Fine Arts	3
INFT		Communicative English	3
INFT	1207E	NSS	3

## **Eligibility Criteria for Admission**

**BCA** 

Candidates shall be eligible for admission to the BCA Programme who have passed H.S.(+2 stage) or its equivalent examination from any recognized Board/Council and have passed in any two subjects out of the three subjects, viz, Mathematics, Physics and Statistics.

Bachelor's degree in (Computer Applications/ Computer Science/ Information Technology)

B.Sc/ BSc (Hons)/ B.Com TDC Examinations of minimum three years full-time

from Tripura University or any other university whose examination is recognized as equivalent to Tripura University.

**AND** 

Passed in Mathematics at Higher Secondary (+2) or 3 year engineering diploma or its equivalent examination from a recognized board/ council shall be eligible for admission to the MCA programme.

#### Note:

Students who have completed/completing degree as mentioned above in eligible criteria from Open Universities are also eligible to apply provided their programme is approved by UGC or Distance Education Council (DEC) of Govt. of India.

**MCA** 

Candidates who are appearing for final year/semester of degree as mentioned above in eligible criteria in the academic year 2015-16 are also eligible to apply. Such candidates shall have to furnish the proof (in the form of a certificate issued by the head of institution where the candidate has studied) that he/she is appearing for the examinations during the academic year 2015-16 and can submit the proof of fulfilling the eligibility criteria preferably at the time of Counseling/Admission, failing which their admission is liable to be cancelled by Tripura University. Tripura University will not reserve a seat to a candidate due to any reason claimed for not fulfilling the eligibility criteria including the delay in publishing the results by the concerned University/institute.

Admission through Research Eligibility Test (RET). Ph.D. Programme

One Semester Ph.D. Course work followed by Ph.D.

Registration

**Faculty Position** 

Name	Designation	Specialization
Shibendu Debbarma	Assistant Professor	Computer Networks, Data Network, IPv6 network.
Abhishek Das	Assistant Professor	Medical Image Processing, Computer Vision, Software Engineering
Alak Roy	Assistant Professor	Wireless Sensor Networks, Computer Networks
Bappa Datta	Lecturer (Contractual)	DBMS, Network Security, Data Structure
Sandip Roy	Lecturer (Contractual)	Simulation modeling, System Software
Suman Das	Lecturer (Contractual)	Computer Architecture, Operating System
Sumanta Saha	Lecturer (Contractual)	Automata, Numerical and Discrete analysis
Swarup Nandi	Lecturer (Contractual)	Digital Electronics, Basic Electronics, Microprocessor (8085, 8086), Architecture
Utpal Pal	Lecturer (Contractual)	DBMS, OOAD, Analysis and Design of Algorithm

## **DEPARTMENT OF MATHEMATICS**

## **About the Department**

The Department of Mathematics has been functioning since the inception of the Calcutta University Post Graduate Centre (CUPG) in September 1976. The Mathematics Department, Post Graduate wing of M B B College, Agartala which had been running since 1967, was defunct due to the introduction of the CUPG Centre. All the whole time teachers of PG wing were deputed to Mathematics Department of the CUPG Centre. The Syllabus of Pure Mathematics, Calcutta University was followed. The new syllabus containing topics from both Pure and Applied Mathematics was introduced from 1978. On 02.10.1987 Tripura University was established and the Department of Mathematics, CUPG Centre merged with Tripura University with three whole time faculty members and 12 students. At present, the faculties of the Department are carrying out one major and three minor research projects sponsored by UGC.

Year of Establishment : 1976

Head of the Department : Dr. Sharmistha Bhattacharya (Halder)

Course Offered : **M.Sc., Ph.D.** Intake Capacity : M.Sc. **50** 

## **Course Curriculum**

#### **CORE COURSES**

Course Code	Name of the Courses	Credits
MATH 701C	Real Analysis	4
MATH 702C	Complex Analysis	4
MATH 703C	Ordinary Different Equations & Partial Different Equations	5
MATH 801C	Abstract Algebra	5
MATH 802C	Topology	4
MATH 901C	Fuzzy Set Theory	3
MATH 902C	Numerical Analysis	3
MATH 903C	Functional Analysis	4
MATH 904C	Project-I	4
MATH 1001C	Lebesgue Measure and Integration	4
MATH 1002C	Numerical Practical through Computer Programme (C and MATLAB)	4
MATH 1003C	Project-II	4
	FLECTIVE COLIDERS	

## **ELECTIVE COURSES**

Course Code	Name of the Courses Cr	edits
MATH 704E	Linear Algebra / Logic / Operation Research / Mathematical Physics .	4
MATH 803E	Set Theory / Mathematical Methods / Soft Computing / Astrophysi Astronomy.	ics and 4
MATH 905E	Advanced Topology / Differential Topology / Discrete Mathematics / Sets and Applications / Probability and Random Process (Statistics D Artificial Neural Network (Electric Engineering Dept.)	-
MATH 1004E	Fuzzy Logic and Applications / Fuzzy Topology / Sequence Space, Summ Theory and its Applications / Riemannian Geometry / Algebraic Topol Number Theory / Fundamentals of Management (MBA Dept.)	•

## COMPULSORY FOUNDATION COURSES

Course Code Name of the Courses Credits

Computer Skills ||| 4

## Eligibility Criteria for Admission

• Bsc. (Hons./Pass) in Maths

OR

• Appeared in BSc. (Hons./Pass) Final Exam, 2015 in Maths

**Ph.D. Programme** : Admission through Research Eligibility Test (RET).

One Semester Ph.D. Course work followed by Ph.D.

Registration

Faculty Position :

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Name		Designation	Specialization
Prof. A. Mukherje	e	Professor	Topology, fuzzy Set Theory and fuzzy topology, Rough Sets,
			Soft Sets & Fuzzy soft set relations, Soft Computing & their
			applications.
Dr. S. Bhattachary	a (Halder)	Reader	Topology, Fuzzy topology, Rough Sets,
Dr. S. Bhowmik		Asst. Professor	Set Theory, Logic, Topology, Topological Algebra, Geometry,
			Wavelets, Artificial Intelligence and Soft Computing
Sri Shouvik Bhatta	charya	Asst. Professor	Fuzzy set theory, Fuzzy control theory, Rough set theory,
			Abstract Algebra, Real Analysis.
Dr. Shyamal Debr	nath	Asst. Professor	Sequence Space, Summability Theory, Fuzzy topology

#### **DEPARTMENT OF MICROBIOLOGY**

# **About the Department**

Department of Microbiology was established in September 2011, which offers courses in Microbiology. The Department is equipped with basic infrastructural facilities, modern instruments, audio-visual system and computer facilities. Thrust areas of research include microbial ecology, food and pharmaceutical microbiology. The infrastructure available includes modern analytical equipments and internet access to all students. The Department of Microbiology is also well equipped to undertake research in frontier areas of Molecular Microbiology and to conduct microbiological and biochemical analysis of Environmental and Industrial samples.

Year of Establishment : 2011

Head of the Department : Dr. Bipin Kumar Sharma

Course Offered : M.Sc., Ph.D. Intake Capacity : M.Sc. - 15

### **Course Curriculum**

#### **CORE COURSES**

(	Course Co	de Name of the Courses	Credits
MICB	701C	Cell Biology and Microbial Physiology	04
MICB	702C	Practical	05
MICB	801C	Microbial Genetics	04
MICB	802C	Immunology	04
MICB	803C	Practical	05
MICB	901C	Medicals Microbiology	04
MICB	902C	Project Part-I	04
MICB	903C	Practical	05
MICB	1001C	Bioinformatics & Computational Biostatistics	04
MICB	1002C	Project Part-2	04
MICB	1003C	Practical	05

# **ELECTIVE COURSES**

Course Code	Name of the Courses	Credits
MICB 703E	Basic Microbiology	04
MICB 704E	Biophysics and Instrumentation	04
MICB 804E	Basics of DNA science and Recombinant DNA technology	04
MICB 904E	Industrial Microbiology	
MICB 1004E	Microbial Ecology and Biodiversity	04

#### **COMPULSORY FOUNDATION COURSES**

Course Code	Name of the Courses	Credits
(	Computer Skills - II	04

# Eligibility Criteria for Admission

• BSc. (Hons./Pass) in Microbiology or Microbiology as a Subject

OR

Appeared in BSc. (Hons/Pass.) in Microbiology or Microbiology as a Subject Final Exam, 2015.

**Ph.D. Programme**: Admission through Research Eligibility Test (RET).

One Semester Ph.D. Course work followed by Ph.D. Registration

Faculty Position :

NameDesignationSpecialization areaDr. Bipin Kumar SharmaAssistant ProfessorMicrobial EcologyDr. Arijit BhattacharyaAssistant ProfessorInfection Microbiology

# **DEPARTMENT OF MOLECULAR BIOLOGY & BIOINFORMATICS**

# **About the Department**

The department was established in 2012 with an aim to teach student at M.Sc. level and to actively engage in research and development in the areas of modern biology relevant to the region for economic upliftment. Our Postgraduate curricula are based on the principle of providing the fundamental knowledge needed to be fluent and competitive in the new, rapidly unfolding area of molecular biology and bioinformatics.

Year of Establishment : 2012

Head of the Department : Dr. Surajit Basak

Course Offered : M.Sc, Ph.D

Intake Capacity : M.Sc. - 12

# **Course Curriculum**

#### **CORE COURSES**

Course	e Code	Name of the Courses	Credits
MOBB 7	01C	Cellular Organisation	4
MOBB 7	02C	Laboratory Exercise- Biochemistry	4
MOBB 7	03C	Laboratory Exercise- Biological database	4
MOBB 8	01C	Genetics	2
MOBB 8	02C	Advances in Recombinant DNA technology	2
MOBB 8	03C	Bioinformatics: Sequence Analysis	2
MOBB 8	04C	Laboratory Exercise- r DNA and Bioinformatics	4
MOBB 9	01C	Cell communication and developmental biology	2
MOBB 9	02C	Stem cell biology	2
MOBB 9	03C	Genomics and Proteomics	2
MOBB 9	04C	Laboratory Exercise on Recombinant protein and	4
		Genomics and Proteomics	
MOBB 9	05C	Dissertation and Presentation	4
MOBB 1	001C	Immunology	2
MOBB 1	002C	Structural Bioinformatics	2
MOBB 1	003C	Laboratory Exercise on Tissue Culture & Structural	4
		Bioinformatics	
MOBB 1	004C	Dissertation and Presentation	4

# **ELECTIVE COURSES**

Cour	se Code	Name of the Courses	Credits	
MOBB	704E	Bio-Molecules and their Interaction	4	
		Basics of Statistics	4	
MOBB	706E	Basic Biochemistry (Dept. of Human Physiology)	4	
MOBB	805E	Basic Cellular Functions (Dept. of Zoology)	4	
MOBB	806E	C & C++ (Dept. of Information Technology)	4	
MOBB	906E	Biotechnology and Ethical Issues	4	
MOBB	907E	Fundamentals of Recombinant DNA technology	4	
MOBB	908E	Green Chemistry (Dept. of Chemistry)	4	
MOBB	1005E	Nanobiotechnology	4	
MOBB	1006E	Animal cloning, Animal and Plant Tissue Culture	4	

#### **COMPULSORY FOUNDATION COURSES**

Course Code Name of the Courses Credits

Computer Skills II 4

Eligibility Criteria for Admission :

• BSc. (Hons/ Pass.) in Molecular Biology or related subject

OR

• Appeared in BSc (Hons/ Pass.) in Molecular Biology or related subject's Final Exam, 2015.

**Ph.D. Programme** : Admission through Research Eligibility Test (RET).

One Semester Ph.D. Course work followed by Ph.D.

Registration

Faculty Position :

NameDesignationSpecializationDr. Surajit BasakAssistant ProfessorBioinformatics

Dr. Surajit Bhattacharjee Assistant Professor Cell Signaling, Innate & Adaptive Immunity,

Host-pathogen interaction

### **DEPARTMENT OF PHARMACY**

# **About the Department**

The Department of Pharmacy was established in 2011 with the goal of postgraduate education and research training in pharmaceutical sciences. The primary objective of the Department of Pharmacy is to develop programmes relevant to current global standards and challenges of pharmaceutical education and research. The Department of Pharmacy also endeavors for excellence in research to develop novel therapeutics for contemporary health problems. The courses emphasize effective use of modern science databases and scientific writing techniques. The programs are designed to provide professional job opportunities for students in pharmaceutical industry and academia in India and worldwide.

Year of Establishment : 2011

Head of the Department : Dr. Kuntal Manna Courses Offered : M. Pharm., Ph.D. Intake Capacity : M.Pharm - 10

# **Course Curriculum**

# **CORE COURSES**

Co	ourse Cod	de Name of the Courses	Credits
PHRM	901C	Advance Pharmaceutical Chemistry	04
PHRM	902C	Modern Pharmaceutical Analysis	04
PHRM	903C	Chemistry of Natural Product	04
PHRM	904C	Advance Pharmaceutical Chemistry - Practical	02
PHRM	905C	Modern Pharmaceutical Analysis - Practical	02
PHRM	1001C	Advanced Instrumental Methods	04
PHRM	1002C	Advance Medicinal Chemistry	04
PHRM	1003C	Advance Organic Chemistry	04
PHRM	1004C	Advance Instrumental Methods-Practical	02
PHRM	1005C	Advance Medicinal Chemistry - Practical	02
PHRM	1101C	Thesis Work (Part-I)	06
PHRM	1102C	VIVA-VOCE on Thesis Reports (Part-I)	04
PHRM	1201C	Thesis Works (Part-II)	06
PHRM	1202C	VIVA-VOCE on Thesis Reports (Part-II)	04

# **ELECTIVE COURSES**

Course Code		Code	Name of the Courses	
	PHRM	906E	Research Methodology for Biochemical Sciences	02
	PHRM	907E	Optional Elective-I	02
	PHRM	1006E	Review Works - Summer Tanning for Project and Presentation	02
	PHRM	1007E	Optional Elective-II	02
	PHRM	1103E	Seminar and Journal Club	02
	PHRM	1203E	Seminar and Journal Club	02

#### **COMPULSORY FOUNDATION COURSES**

Course Code	Name of the Courses	Credits
	Computer Skills	04

**Eligibility Criteria for Admission**:

• B.Pharm

OR

B.Pharm appeared in Final Exam, 2015.

**Ph.D. Programme** : Admission through Research Eligibility Test (RET).

One Semester Ph.D. Course work followed by Ph.D.

Registration

Faculty Position

Name Designation Specialization

Dr. Kuntal Manna Assistant Professor Medicinal Chemistry & CADD Mr. Rajat Ghosh Assistant Professor Pharmaceutical Chemistry

### **DEPARTMENT OF PHYSICS**

# **About the Department:**

The Department of Physics was established in the year 1990. Since then the department has made several strides in academic, research and extension activities. With a faculty of five teachers and a band of dedicated research students, the department has kept pace with the time in development of syllabus, conducting researches through funded programmes and guiding Ph. D. students. The department has the reputation of producing large number of NET/SLET qualified students who are now working in various colleges and Universities. The Faculty Members are continuously publishing Research Papers in peer reviewed journals of National and International repute. At present departmental faculty members continued project having grant about Rs. 170 lakhs from various central funding agencies viz. DST, ISRO, CSIR, DAE, UGC.

Year of Establishment:1990Head of the Department:Prof. B.K.DeCourse Offered:M.Sc., Ph.D.Intake Capacity:M.Sc. - 26

# **Course Curriculum**

#### CORE COURSES

Name of the Courses	Credits
Mathematical Physics	04
Classical Mathematics	04
Practical - 1	04
Basic Quantum Mechanics	04
Statistical Mechanics	04
Basic Electronics	02
Practical	04
Electro Magnetic theory and Special of relativity	04
Advanced Electronics	03
Nuclear Physics	03
Practical	02
Atomic & Molecular Physics	03
Condensed Matter Physics	03
Project Work	08
	Mathematical Physics Classical Mathematics Practical - 1 Basic Quantum Mechanics Statistical Mechanics Basic Electronics Practical Electro Magnetic theory and Special of relativity Advanced Electronics Nuclear Physics Practical Atomic & Molecular Physics Condensed Matter Physics

# **ELECTIVE COURSES**

Course Code		Name of the Courses	Credits
PHYS	704E	Elective I (from other Department)	04
PHYS	805E	Elective - II (from Other Department)	02
PHYS	806E	Computer Hardware, Networking & Advanced Programming / Astro Physics & Astronomy	04
PHYS	905E	Advanced Quantum Mechanics	04
PHYS	1004E	Advanced Physics (Thin Film and Nano Science/ Atmospheric Science and Solar Environment Physics/ Introductory Theoretical Chemical Physics/ Nanomaterial's and Nano Physics	06

#### **COMPULSORY FOUNDATION COURSES**

Course Code Name of the Courses Credits

Computer Skills - III

04

Eligibility Criteria for Admission

• BSc (Hons./Pass) in Physics

OR

• Appeared in BSc. (Hons./Pass) Final Exam, 2015 in Physics

**Ph.D. Programme** : Admission through Research Eligibility Test (RET).

One Semester Ph.D. Course work followed by Ph.D.

Registration

Faculty Position :

Name Designation **Specialization** Professor Electronics, Radio propagation & Spherics Dr. Barin Kumar De Dr. Debajyoti Bhattacharjee Professor Material Science & Spectroscopy Dr. Surya Chattopadhyaya Associate Professor Atomic & Molecular Spectroscopy (Theoretical) Dr. Syed Arshad Hussain Assistant Professor Material Science & Spectroscopy Dr. Anirban Guha Assistant Professor Electronics, Radio propagation & Spherics Assistant Professor Dr. Ratan Das Material Science

### **DEPARTMENT OF STATISTICS**

# **About the Department:**

The Department of Statistics was established in 2011. The Post-graduation is started from the academic year 2012-2013 and PhD from the year 2013-2014. The M.Sc. Statistics course is intended to provide a platform for the students to undergo higher studies in the subject as well as to train them to suit for the needs of the industry, teaching, higher competitive examinations. This course aims to train the students in the development and applications of statistical techniques for analyzing data arising in the scientific investigation of problems in various disciplines by using different statistical software.

Year of Establishment : 2011

Head of the Department : Dr. Prasenjit Sinha

Courses Offered : M.Sc., Ph.D. Intake Capacity : M. Sc. - 12

# **Course Curriculum**

#### **CORE COURSES**

Course Cod		de Name of the Courses	Credits
STAT	701C	Probability and Measure Theory	02
STAT	702C	Linear Algebra and Linear Models	04
STAT	703C	Theory of Distribution	02
STAT	704C	Sample Survey Methods	02
STAT	705C	Practical I and R Programming	04
STAT	801C	Statistical Inference	04
STAT	802C	Order Statistics and Non-parametric Inference	02
STAT	803C	Design of Experiments	02
STAT	804C	Practical II	04
STAT	901C	Multivariate Analysis	04
STAT	902C	Statistical Quality Control	02
STAT	903C	Time Series and Econometrics	02
STAT	904C	Project I	04
STAT	1001C	Stochastic Processes	02
STAT	1002C	Practical III	04
STAT	1003C	Project II	04
	STAT STAT STAT STAT STAT STAT STAT STAT	STAT 701C STAT 702C STAT 703C STAT 704C STAT 705C STAT 801C STAT 802C STAT 803C STAT 804C STAT 901C STAT 901C STAT 902C STAT 903C STAT 904C STAT 904C STAT 1001C STAT 1001C	STAT 702C Linear Algebra and Linear Models STAT 703C Theory of Distribution STAT 704C Sample Survey Methods STAT 705C Practical I and R Programming STAT 801C Statistical Inference STAT 802C Order Statistics and Non-parametric Inference STAT 803C Design of Experiments STAT 804C Practical II STAT 901C Multivariate Analysis STAT 902C Statistical Quality Control STAT 903C Time Series and Econometrics STAT 904C Project I STAT 1001C Stochastic Processes STAT 1002C Practical III

#### **ELECTIVE COURSES**

Course Code	Name of the Courses	Credits
STAT 706E	Basic Statistics	04
STAT 707E	Elementary Real Analysis	02
STAT 805E	Demography	02
STAT 806E	Operations Research	02
STAT 807E	Research Methodology	02
STAT 905E	Statistical Decision Theory	02
STAT 906E	Reliability Theory and Survival Analysis	02
STAT 1004E	Elementary Bayesian Inference	02

#### **COMPULSORY FOUNDATION COURSES**

Course Code Name of the Courses Credits

Computer Skills - II

Eligibility Criteria for Admission

• BSc. (Hons./Pass) in Statistics/Mathematics.

OR

• Appeared in BSc. (Hons./Pass) Final Exam, 2015 in Statistics/Mathematics.

**Ph.D. Programme** : Admission through Research Eligibility Test (RET).

One Semester Ph.D. Course work followed by Ph.D.

04

Registration

Faculty Position :

NameDesignationSpecialisationsDr. Prasenjit SinhaAssistant ProfessorActuarial Statistics, Operations ResearchMr. Samrat HoreAssistant ProfessorDesign of Experiments, Theory of Probability, Testing of Hypothesis

Dr. Priyaranjan Dash Assistant Professor Stochastic Process, Sample Survey Methods,

Multivariate analysis

### **DEPARTMENT OF ZOOLOGY**

# **About the Department:**

The Department of Zoology was established on 12th June 2007 by trifurcation of pre-existing Department of Life Science. At present the Department is actively engaged in teaching and researches in diverse fields of Zoology including insect biosystematics, insect physiology and biochemistry, endocrinology, fisheries and earthworm biology and ecology. The Department presently offers specialization in the field of ecology and biodiversity and fisheries. The department has facilities including sophisticated microscopes, electrophoretic system, gas chromatography, PCR system, lyophilizer and fraction collector.. At the same time the Department hire services of Regional Sophisticated Instruments Centre and Shillong for works on electron microscope. The Department admits 25 students in PG Degree course in Zoology and also admits Ph.D. students depending on the number of vacancies as well as performance of students in the eligibility test. At present, the Department is working on enhancing its area of the research activities in the field of molecular phylogeny of biodiversity as the State of Tripura belongs to biodiversity hot-spot identified by Government of India.

Year of Establishment : 2007

Head of the Department : Prof. Durgadas Ghosh

Course Offered : M.Sc., Ph.D. Intake Capacity : M.Sc. - 25

#### Course Curriculum

#### **CORE COURSES**

Course Code	Name of the Courses	Credits
ZOOY 701C	Animal Diversity (Non Chordates and Chordates)	04
ZOOY 702C	Developmental Biology & Endocrinology	04
ZOOY 703C	Biochemistry and Animal Physiology	04
ZOOY 704C	Laboratory Exercise	04
ZOOY 801C	Histology	02
ZOOY 802C	Cell biology and Genetics	04
ZOOY 803C	Ecology & Environmental Zoology	04
ZOOY 804C	Laboratory Exercise	04
ZOOY 901C	Ethology	02
ZOOY 902C	Parasitology and Immunology	04
ZOOY 903C	Project	04
ZOOY 1001C	Biosystematics & Evolution	02
ZOOY 1002C	Molecular Biology	02
ZOOY 1003C	Project	04
ZOOY 1004E	Biodiversity / Fish Technology / Mammalian Endocrinology	04

#### **ELECTIVE COURSES**

Course Code	Name of the Courses	Credits
ZOOY 801E	Tools and Methods in Biology	02
ZOOY 901E	Aquatic Environmental Science	02
ZOOY 902E	Advanced Animal Ecology/Fisheries/Comparative Endocrinology	04
ZOOY 1001E	Aquaculture	02
ZOOY 1002E	Insect Taxonomy	02
ZOOY 1003E	Soil Zoology	02

#### **COMPULSORY FOUNDATION COURSES**

Course Code Name of the Courses Credits

Computer Skills II 04

Eligibility Criteria for Admission

• BSc. (Hons./Pass) in Zoology

OR

• Appeared in BSc. (Hons./Pass) Final Exam, 2015 in Zoology

**Ph.D. Programme** : Admission through Research Eligibility Test (RET).

One Semester Ph.D. Course work followed by Ph.D.

Registration

Faculty Position :

Name Designation **Specialization** Prof. Durgadas Ghosh Professor Insect Physiology & Biochemistry Prof. Basant K. Agarwala Professor Insect Biodiversity & Ecology Prof. Sukanta Banik Professor Aquaculture Biotechnology Dr. Priyasankar Chaudhuri Associate Professor Earthworm Biology & Ecology Dr. Shiv Shankar Singh Assistant Professor Endocrino-immunology

### **DEPARTMENT OF BENGALI**

# **About the Department**

The Department of Bengali was established in 1977 under erstwhile Postgraduate Centre of Calcutta University. Thrust areas of the Syllabus & Research Programmes of Bengali Department is old, Medieval & Modern Literature & Language, Manuscript, Historical, Cultural background & Literature of Tripura, North-East & Bangladesh. Research Programme includes Medieval & Modern Bengali Novels, Short stories, Poetry, Drama, Folk-Literature, Linguistics, Tagore studies, Tribal Literature & Language (Kokborok). Diploma Course in Kokborok was initially started by the department which is now taught by the Centre for Tribal Languages. Research works are being carried out by the Department on Regional History, Culture & Literature of Tripura.

Year of Establishment : 1977

**Head of the Department**: **Prof. (**Dr.) Maitreyi Datta

Course Offered : M.A., ÎMD, Ph.D. Intake Capacity : M.A.-90, IMD-15

# **Course Curriculum**

#### **CORE COURSES**

Cou	rse Code	Name of the Courses	Credits
BNGL	701C	Socio-cultural & Political History of Early and Medieval Bengal	02
<b>BNGL</b>	702C	History of Bengali Literature (10 <sup>th</sup> to 18 <sup>th</sup> Century)	03
<b>BNGL</b>	703C	Bengali Literature of Ancient and Early Medieval Period (Text)	03
<b>BNGL</b>	704C	Bengali Literature of Medieval Period (16 <sup>th</sup> to 18 <sup>th</sup> Century)(Text)	04
BNGL	801C	Socio-cultural and Political History of Bengal (19th & 20th Century)	02
BNGL	802C	History of Bengali Literature (19th 20th Century)	02
BNGL	803C	Bengali Fiction (19 <sup>th</sup> & 20 <sup>th</sup> Century) (Text)	04
BNGL	804C	Bengali Poetry & Drama (19 <sup>th</sup> & 20 <sup>th</sup> Century) (Text)	04
BNGL	901C	History of Indian Language & IPA	02
BNGL	902C	Literary Theory (Eastern & Western)	04
BNGL	903C	Bengali Literature of Tripura (History & Text)	02
BNGL	904C	Project -I	04
	1001C	Tagore Literature	03
	1002C	Women's Writings in Bengali	02
	1003C	Essays, Bell Letters & Autobiography	03
BNGL	1004C	Project - II	04

#### **ELECTIVE COURSES**

Code	Name of the Courses	Credits
705E	Bengali Reading & Writing Skill	02
706E	Bengali Literature of North East India	02
805E	Bengali Child Literature & Comics	02
806E	Bengali Literature of Bangladesh	02
905E	Life & Work of Rabindranath Tagore	02
906E	Folklore	02
1005E	Literature & Performing Art	02
1006E	Indian Literature	02
	706E 805E 806E 905E 906E 1005E	705E Bengali Reading & Writing Skill 706E Bengali Literature of North East India 805E Bengali Child Literature & Comics 806E Bengali Literature of Bangladesh 905E Life & Work of Rabindranath Tagore 906E Folklore 1005E Literature & Performing Art

#### **COMPULSORY FOUNDATION COURSES**

Course Code Name of the Courses Credits

Basic Skills - I 04

Eligibility Criteria for Admission

• B.A. (Hons./Pass) in Bengali

OR

• Appeared in B.A.(Hons./Pass) Final Exam, 2015 in Bengali

**Ph.D. Programme** : Admission through Research Eligibility Test (RET).

One Semester Ph.D. Course work followed by Ph.D.

Registration

Faculty Position

Name Designation **Specialization** Professor Rabindra Literature & Fiction Prof. Maitreyi Datta Dr. Nirmal Das Assistant Professor Folklore & Medieval Literature Dr. Rintu Das Assistant Professor Modern Bengali Literature Dr. Paramasree Dasgupta Assistant Professor Medieval Literature & Drama Mr. Sayak Mukherjee Assistant Professor Modern Bengali Literature Assistant Professor Novel & Tribal Studies Ms Padma Kumari Chakma

### **DEPARTMENT OF COMMERCE**

# **About the Department:**

After Tripura University came into being in 1987, Department of Commerce was started at first by the end of 1988. It completed its 25 years of journey in the month of August 2013. During this journey, the Department has not only run Masters and Ph.D programs in Commerce but also played a role of catalyst and served as breeding ground to a number of other programs such as BBA, MBA and Post-Graduate in Trade, Transport and Communication (PGDTTC). Recently the Department submitted a proposal for opening evening programme in Post Graduate Diploma in Finance and Taxation (PGDFT). The Department has also decided to introduce M.Phil programme from 2015 - 16.

Year of Establishment : 1988

Head of the Department : Prof. P. K. Haldar Courses Offered : M.Com, Ph. D. Intake Capacity : M.Com-65

# **Course Curriculum**

#### **CORE COURSES**

Course Code	Name of the Courses	Credits
COMM 701C	Management and Organisational Behaviour	04
COMM 702C	Marketing Management and Human Resource Management	04
COMM 703C	Corporate Accounting and Reporting	04
COMM 704C	Business Statistics	04
COMM 705C	Business Analysis Using Spreadsheet (Practical)	02
COMM 801C	Strategic Financial Management	04
COMM 802C	Managerial Economics	04
COMM 803C	Macro Economics and Business Environment	02
COMM 901C	Accounting Theory	04
COMM 902C	Computer Application in Business	02
COMM 1001C	Cost and Management Accounting	04
COMM 1002C	Research Methodology	02
COMM 1003C	Dissertation / Term Paper / Internship and Viva -voce	04

# **ELECTIVE COURSES**

Course Code		Name of the Courses	Credits
COMM 80	804E & 8	805E Banking and Insurance / Entrepreneurial Dynamics and New Venture Creation / International Business / Business Ethics and Corporate Governance (students shall take any Two out of these four Elective Courses)	04 +04
COMM 90	03E	Operation Research / Strategic Management / Project Mang.	04
COMM 90		Group A : Direct Taxes and Tax Planning; or Group B : Taxation and Financial Decisions	04
COMM 90	05E	Group A: International Accounting; or Group B: International Finance	04
		(Students can select any ONE group. Either <b>Group A</b> :  Accounting OR <b>Group B</b> : <b>Finance</b> , consisting of four (4)	
		Courses, Two (2) Courses in Semester - III and two (2) in Semester - IV).	
COMM 10	004E	Group A : Auditing and Assurance Services; OR Group B : Financial Market and Services	04
COMM 10	005E	Group A: Financial Accounting Practices; Group B: Security Analysis and Portfolio Management	04

# (Students who have selected Group A in Semester III will take Group A Course and students who have selected Group B in Semester III will take Group B Course, respectively)

### **COMPULSORY FOUNDATION COURSES**

Course Code Name of the Courses Credits

Computer Skills - II 04

Eligibility Criteria for Admission

• BCom/BCom (Hons.)

OR

• Appeared in BCom/BCom (Hons.) Final Exam, 2015.

**Ph.D. Programme** : Admission through Research Eligibility Test (RET).

One Semester Ph.D. Course work followed by Ph.D.

Registration

**Faculty Position** 

Name	Designation	Specialization
Prof. P K Haldar	Professor	Management, Financial Control & Entrepreneurship.
Prof. P. Debnath	Professor	Accounting, Finance & Management
Dr. Chinmoy Roy	Associate Professor	Accounting & Finance & Management.
Mr. Subir Kr Sen	Assistant Professor	Advanced Economic Theory & Operations Research
Mr. Joy Das	Assistant Professor	Finance & Accounting
Mr. Rajat Deb	Assistant Professor	Accounting, Finance & Management

# **DEPARTMENT OF ECONOMICS**

# **About the Department:**

The Department of A & A Economics was established in the year 1978 under Tripura University and very recently the name of the Department was rechristened as Department of Economics. The Department offers Integrated Master's Degree in Economics, Postgraduate and Doctoral Programmes. The teaching activities of the Department have acquired a wider perspective with the introduction of Integrated Master's Degree in Economics from the academic year 2011-12. At the Post Graduate level, the Department offers four special papers: Economics of Rural Development and Planning, Environmental Economics, Health Economics, Econometrics and Statistics. The syllabus also incorporates the regional and local issues related to economic development of North East Region and the State. The students of the Department are successfully qualifying UGC (NET) as well as SET and many alumni of the Department are placed in state civil services, banks, colleges, universities and other government and private institutes. In 2011 the Department has acquired Special Assistance Project (SAP) under UGC-DRS-I scheme of UGC for 5(five) years. The Department is actively involved in innumerable projects and other academic and policy collaborations and consultancies.

Year of Establishment : 1978

Head of the Department : Dr. Jahar Debbarma
Course Offered : M.A., IMD, Ph.D.
Intake Capacity : M.A.-25, IMD-15

# Course Curriculum

Course Code	Name of the Courses	Credits
ECON 701 C	Microeconomics - I	04
ECON 702 C	Macroeconomics - I	04
ECON 703 C	Quantitative Techniques in Economics	04
ECON 704 C	Indian Economics	04
ECON 801 C	Microeconomics - II	04
ECON 802 C	Macroeconomics - II	04
ECON 803 C	Development Economics	04
ECON 901 C	Economics of Social Sector	04
ECON 902 C	International Trade	04
ECON 1001 C	Environmental Economics	04
ECON 1002 C	Dissertation	04

### **ELECTIVE COURSES**

Course Code	Name of the Courses	Credits
ECON 804 E	Statistics and Economics-I	04
ECON 805 E	Agriculture Economics	04
ECON 903 E	Public Economics	04
ECON 904 E	Economics of Planning and Rural Development	04
ECON 905 E	Economics of North East India	04
ECON 1003 E	Statistics and Econometrics-II	04
ECON 1004 E	Indian Economy in the Global Context	04
ECON 1005 E ECON 1006 E	Resource Economics Labour Economics	04 04

### **COMPULSORY FOUNDATION COURSES**

Course Code	Name of the Courses	Credits
	Computer Skills - I	04

# Eligibility Criteria for Admission:

• BA/BSc. (Hons./Pass) in Economics

OR

• Appeared in BA/BSc. (Hons./Pass) Final Exam, 2015 in Economics

Admission through Research Eligibility Test (RET). One Semester Ph.D. Course work followed by Ph.D. Ph.D. Programme

Registration

_			_		-	
Ea	CII	ltv.	$D_{A}$	cit	ion:	

Name	Designation	Specialization
Dr. Paramita Saha	Associate Professor	Population Ageing, Gender Studies and
		Rural Development
Dr. Ashish Nath	Associate Professor	Growth economics, Industrial Economics,
		Technology Transfer
Dr. Jahar DebBarma	Associate Professor	Agricultural economics, North East economy,
		Rural Development
Dr. Indraneel Bhowmik	Associate Professor	Agricultural Economics, Economy of NER
Dr. Salim Shah	Assistant Professor	Development Economics, Health Economics
Dr. Dilip Kumar Rana	Assistant Professor	Quantitative Techniques, Growth and
-		Development

# **DEPARTMENT OF EDUCATION**

# **About the Department**

The Department of Education, Tripura University has started its journey in September, 2011 with two faculty members. The department welcomes students not only from Tripura but also from the rest of India. The department focuses to promote interdisciplinary teaching, research and extension work. The Department has committed faculties from diverse background and experiences.

Year of Establishment 2011

Dr. Subhash Sarkar (I/C)

Head of the Department : Courses Offered : Intake Capacity : M.A., Ph.D. M.A. - 20

#### **Course Curriculum** CORE COURSES

Course Code	Name of the Courses	Credits
EDCN 701C	Philosophical Foundation of Education	03
EDCN 702C	Psychological Foundation of Education	04
EDCN 703C	Sociology of Foundation Education	04
EDCN 704C	Educational Technology	04
EDCN 801C	Methodology of Educational Research	04
EDCN 802C	Administration and Management of Education	04
EDCN 803C	Distance Education	02
EDCN 901C	Value Education	04
EDCN 902C	Statistics in Education	04
EDCN 903C	Dissertation Project I	03
EDCN 1001C	Contemporary Issues in Education	03
EDCN 1002C	Dissertation Project II	04
EDCN 1003C	Presentation	01

#### **ELECTIVE COURSES**

Course Code		Code	Name of the Courses	Credits
	EDCN	804E	Measurement and Evaluation in Education	04
	<b>EDCN</b>	805E	Guidance and Counselling in Education	04
	<b>EDCN</b>	806E	Education for Empowerment of Women	04
	<b>EDCN</b>	904E	Intelligence Creativity and Education	04
	<b>EDCN</b>	905E	Inclusive Education	04
	<b>EDCN</b>	906E	Teacher Education	04
	<b>EDCN</b>	907E	Guidance and counseling in Education	04
	<b>EDCN</b>	1004E	Literature & Performing Art	02
	<b>EDCN</b>	1005E	Indian Literature/Communication Skill	04

#### **COMPULSORY FOUNDATION COURSES**

Course Code	Name of the Courses	Credits
	Computer Skills I	04

# Eligibility Criteria for Admission :

• BA (Hons./Pass) in Education

OR

• Appeared in BA (Hons./Pass) Final Exam, 2015 in Education

**Ph.D. Programme** : Admission through Research Eligibility Test (RET).

One Semester Ph.D. Course work followed by Ph.D.

Registration

Faculty Position :

NameDesignationSpecializationDr. Tinku De (Gope)Assistant ProfessorTeacher Education, History of EducationDr. Subhash SarkarAssistant ProfessorMeasurement & Evaluation in Education,

Psychology of Intelligence & Creativity.

Dr. Rajendra Prasad Assistant Professor Education measurement & Evaluation, Educational

Technology

Miss Sukanya Bhattacharjee Guest Teacher Mental Health and Hygiene

# **DEPARTMENT OF ENGLISH**

# **About the Department**

The Department of English, established in 1990, is one of the oldest departments of the university, catering to the demand of English Studies in the region. The programs offered by the department ensure smooth transition of students from the undergraduate level to higher levels of research, also facilitating at the same time a strong foundation to those aspiring to clear the N.E.T and S.E.T Examinations leading to a meaningful academic career. One of the main highlights of the department is to ensure a holistic exposure of the students to literature and the changing world and hence the courses on offer spread across a gamut of literary responses ranging from folk to popular literature and from British to Indian Literature in English. The study of literature-industry linkage in the department aims to provide a cutting edge in negotiating the issue of employability.

**Year of Establishment**: 1990

**Head of the Department** : Dr. Ashes Gupta **Course Offered** : M.A., IMD, Ph.D.

Intake Capacity : M.A. – 100, IMD- 15

# Course Curriculum CORE COURSES

Course Co	ode Name of the Courses	Credits
ENGL 701C	English Literature from Chaucer to Milton	03
ENGL 702C	The Elizabethan and Jacobean Age	04
ENGL 703C	Seventeenth and Eighteenth Century English Literature	04
ENGL 704C	The Rise of Fiction	04
ENGL 801C	Romantic and Victorian Poetry	04
ENGL 802C	The Novel in the Eighteenth and Nineteenth Century	04
ENGL 803C	Indian Literature in English - I	04
ENGL 804C	Literature of the Modern Age	04
ENGL 901C	Indian Literature in English - II (Special Author - Project)	04
ENGL 902C	Literacy Criticism and Theory-I	04
ENGL 1001C	The Postmodern Era to the New Millennium (Select Author - Project	t) 04
ENGL 1002C	Literary Criticism and Theory-II	04

### **ELECTIVE COURSES**

Course Co	ode Name of the Courses	Credits
ENGL 903E	Linguistics-I* / Modern English Grammar and Usage* /	
	Translation Studies - I* / Popular Culture and Literature-I**	03
ENGL 904E	Gender in Literature** (To be decided by the respective	
	Teacher offering the Course)	03
ENGL 905E	American Literature-I** / Research in English Studies **	
	/ New Literatures in English**	03
ENGL 906E	Creative Writing* / Book Publishing and Editing*	02
ENGL 907E	Book Review **	02
ENGL 1003E	Linguistic-II*/ELT and Stylistics*/Translation Studies-II*	
	/ Popular Culture and Literature-II**	03
ENGL 1004E	American Literature-II** / Literature and Industry* / Folk and Oral	
	Literature and Industry* (For Folk and Oral Literatures, there shall be	9
	no end-semester examinations. Students shall be evaluated on the b	oasis
	of filed-trip reports and Minor Projects.	03
ENGL 1005E	Writings from the North-East**	02

### **COMPULSORY FOUNDATION COURSES**

Course Code	Name of the Courses	Credits
Basics of Compu	uter Applications	02
Seminar Present	tation (No End-semester examination.	
Students shall be	e evaluated on their presentation of 2 seminars)	02

# **Eligibility Criteria for Admission**

• BA (Hons./Pass) in English

OR

• Appeared in BA (Hons./Pass) Final Exam, 2015 in English

Admission through Research Eligibility Test (RET). One Semester Ph.D. Course work followed by Ph.D. Ph.D. Programme

Registration

Faculty Position:

Name	Designation	Specialization
	Designation	
Dr. Shyamal Das	Professor	Linguistics & Phonetics
Dr. Ashes Gupta	Associate Professor	Literary theory & Popular Literature, Indian English Literature.
Dr. Somdev Banik	Assistant Professor	Post –Colonial Fiction & Drama, Partition Literature, Culture Studies
Dr. Partha Sarathi Gupta	Assistant Professor	Shakespeare and Renaissance Studies, Literary Criticism and Theory, Fiction Studies, Indian English Drama
Dr. Chaitali Gorai	Assistant Professor	Critical Theory, New Literature, Fiction Studies
Dr. Ksh Premchandra Singh	Assistant Professor	Modern Fiction, Literary Theory, North East Culture and Literature

# **DEPARTMENT OF FINE ARTS**

#### ABOUT THE DEPARTMENT:

The Department of Fine Arts, Tripura University was established in the year of 2009 which is offering Master Degree in Fine Arts of Drawing & Painting and Modeling & Sculpture. It was initially started at Govt, College of Art & Craft, Lichubagan, Agartala. Now, the Drawing & Painting section has been shifted in the 5th floor of the Day Care Centre and the Modelling & Sculpture section has been situated in the Energy Park of Tripura University, campus. The Ph.D programme in Fine Arts has been started since 2013 along with a course work programme for six months duration in this department.. The department has an intake capacity of 26 (twenty six) students per semester. The Credit Based Choice System (CBCS) is being introduced from this academic year. In every semester, Core and Elective courses are available along with the practical and theory papers. The faculty members of this department have some research projects from various funding agencies viz. UGC, ICSSR, ICHR, Ministry of Textiles, etc. The faculty members are participating regularly in the different national and international level exhibitions, workshops and seminars, etc.

Year of Establishment:2009

Head of the Department : Dr. Rajesh Bhowmik (In-Charge)

Courses Offered : M.F.A in

Drawing & Painting & Modelling & Sculpture,

Ph.D.

Intake Capacity : 26

**Course Curriculum** 

**CORE COURSES** 

Course Code	Name of the Courses	Credits
	DRAWING & PAINTING	
FNAT 901C	History of Art - I	04
FNAT 902C	Drawing and Layout Based on Original Idea	03
FNAT 903C	Composition - I (Acrylic)	03
FNAT 904C	Composition - II (Oil)	03
FNAT 1001C	History of Art - II	04
FNAT 1002C	Composition - III (Mixed Media)	03
FNAT 1003C	Composition - IV (Traditional/Modern/Specific Context)	06
FNAT 1101C	History of Art - III	04
FNAT 1102C	Composition - V (Painting Signifying Individual Identity)	06
FNAT 1103C	Development of Project Paper and Field Studies	02
FNAT 1201C	Aesthetics	04
FNAT 1202C	Composition - VI (Painting Signifying Individual Identity)	02
FNAT 1203C	Composition - VII (Experimental Works)	03
FNAT 1204C	Dissertation	03

#### **MODELING & SCULPTURE**

FNAT	901C	History of Art - I	04
FNAT	902C	Layout and Drawing (Maquette)	03
FNAT	903C	Composition - I (Wood/Terracotta/Fiber Glass)	03
FNAT	904C	Composition - II (Composition Based on Structural Design)	03
FNAT	1001C	History of Art - II	04
FNAT	1002C	Composition - III (Experimental Works)	03
FNAT	1003C	Composition - IV (Bronze Casting)	06
FNAT	1101C	History of Art - III	04
FNAT	1102C	Composition - V (Installation/Site Specific/Environmental)	06
FNAT	1103C	Development of Project Paper and Field Studies	02
FNAT	1201C	Aesthetics	04
FNAT	1202C	Composition - VI (Sculpture Signifying Individual Context)	02
FNAT	1203C	Composition - VII (Creative Sculpture Direct Media)	03
FNAT	1204C	Dissertation	03

#### **ELECTIVE COURSES**

Course Co	de Name of the Courses	Credits
FNAT 905	E Basic Drawing	02
FNAT 100	4E Computer Graphics	02
FNAT 100	5E Crafts Work (Bamboo/Jute)	02
FNAT 100	6E Crafts Work (Terracotta)	02
FNAT 110	4E Art and film Appreciation	02
FNAT 110	5E Marketing	02
FNAT 110	6E Principles of photography	02
FNAT 120	5E Creative Painting/Landscape/Portrait	02
FNAT 120	6E Creative Sculpture/Clay Modeling	02

# **COMPULSORY FOUNDATION COURSES**

Course Code	Name of the Courses	Credits
Comput	er Skills - I	04

# Eligibility Criteria for Admission:

• Either Passed the B.V.A or B.F.A. with Honours in Drawing & Painting and Modelling & Sculpture.

• Appeared Final Examination in B.V.A or B.F.A. with Honours in Drawing & Painting and Modelling & Sculpture.

Ph.D. Programme Admission through Research Eligibility Test (RET),

One Semester Ph.D. Course Work followed by Ph.D. Registration.

**Faculty Position:** 

Name	Designation	Specialization
Dr. Rajesh Bhowmik	Assistant Professor	Drawing & Painting
Mr. Subrata Dey	Assistant Professor	Drawing & Painting
Mr. Mukulendu Pathak	Assistant Professor	Modelling & Sculpture

# **DEPARTMENT OF HINDI**

# About the Department:

The Department of Hindi was established in the year 2006 with Master's Degree Programme. In order to increase intake capacity of the PG programme the department offers IMD (Integrated Master Degree Programme) since the academic year 2011-12.

Year of Establishment : 2006

Head of the Department : Dr. Vinod Kumar Mishra

Course Offered : M.A., IMD, Ph.D. Intake Capacity : M.A.-20, IMD-10

### **Course Curriculum**

Course	Code Name of the Courses	Credits
	CORE COURSES	
HIND 701C	हिन्दी साहित्य का इतिहास (मध्यकाल तक)	04
HIND 702C	भारतीय काव्यशास्त्र	04
HIND 703C	हिन्दी गद्य साहित्य (नाटक एवं निबंध)	04
HIND 801C	आदिकालीन काव्य	02
HIND 801C	मध्यकालीन काव्य	04
HIND 801C	हिन्दी साहित्य का आधुनिक काल	04
HIND 901C	पाश्चात्य काव्यशास्त्र	04
HIND 901C	हिन्दी आलोचना	03
HIND 901C	आधुनिक काव्य	04
HIND 1001C	भाषा विज्ञान	04
HIND 1002C	अस्मितावादी साहित्य (विमर्श एवं पाठ)	03
HIND 1003C	लघु शोध-प्रबंध	04

# **ELECTIVE COURSES**

Cours	e Code Name of the Courses	Credits
HIND 701E	हिन्दी भाषा एवं उसका विकास	03
HIND 801E	भारतीय साहित्य	04
HIND 802E	लोक-साहित्य एवं संस्कृति (त्रिपुरा केन्द्रित)	02
HIND 901E	प्रयोजनमूलक हिन्दी एवं जनसंचार	02
HIND 1001E	हिन्दी कहानी एवं उपन्यास	03
HIND 1001E	कथाकार प्रेमचंद	02
HIND 1001E	अनुवाद सिद्धान्त एवं व्यवहार	03

# **COMPULSORY FOUNDATION COURSES**

Course Code Name of the Courses Credits

Fundamentals of Computer Applications 04

# **Eligibility Criteria for Admission**

- : MA Hindi
- BA/BA (Hons.) in Hindi
  OR
- Appeared in BA/BA (Hons.) Final Exam, 2015 in Hindi

Eligibility Criteria for Admission: Functional Hindi Course

H.S. (+2), Passed for Appeared in Final Examination in 2015

# प्रयोजनमूलक हिन्दी प्रमाणपत्रीय पाठ्यक्रम

(Certificate Course in Functional Hindi)

त्रिपुरा विश्वविद्यालय द्वारा CBCS पद्धित पर आधारित 'प्रयोजनमूलक हिन्दी' नामक प्रमाणपत्रीय पाठयक्रम प्रारंभ किया जा रहा है। उक्त पाठ्यक्रम की अविध छह महीने की होगी। इसपाठ्यक्रम में 20 क्रेडिट अंको के 6 प्रश्न-पत्र होंगे, जिनमें 12 क्रेडिट के तीन Core प्रश्न-पत्रऔर 04 क्रेडिट के दो Elective प्रश्न-पत्रहोंगे। परीक्षा उत्तीर्ण करने हेतु 16 क्रेडिट अर्जित करना अनिवार्य है।

SI. No.	CourseCode	CORE COURSES Name of the Paper	Credit
	HIND 001C	हिन्दी व्याकरण एवं रचना	04
	HIND 002C	प्रयोजनमूलक हिन्दी : सिद्धान्त एवं व्यवहार	04
	HIND 003C	अनुवाद एवं जनसंचार	04
		ELECTIVE COURSES	
SI.	Course Code	Name of the Paper	Credit
No.			
1.	HIND 004E	हिन्दी भाषा और उसकी संवैधानिक स्थिति	04

Ph.D. Programme : Admission through Research Eligibility Test (RET) and

One Semester Ph.D. Course work.

Translation

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Name	Designation	Specialization
Dr. V.K.Mishra	Associate Professor	Madhykaleen Sahitya
Dr. Milan Rani Jamatia	Assistant Professor	Lok Sahitya

**Assistant Professor** 

**Faculty Members** 

Dr. Jai Kaushal

# **DEPARTMENT OF HISTORY**

# **About the Department:**

The Post-graduate classes in History first started in March 1977 in the P.G.Wing of MBB College, Agartala. The Calcutta University Post Graduate Study Centre (CUPG Centre) came into being in 1977, with a single student in the Department of History. In 1987 CUPG centre was converted into Tripura University. At first, the Department of History was known as the Department of Modern History under Calcutta University. Later on, with the establishment of Tripura University on 2nd October, 1987, the Department was renamed as the Department of History with its own syllabus. And after conversion to Central University, a semester system was introduced in the Department from the academic session 2008. The Department endeavours and organize Seminars / Workshops/Popular lectures etc.

Year of Establishment : 1977

Head of the Department : Prof. Satyadeo Poddar

Course Offered : M.A., IMD, Ph.D. Intake Capacity : M.A.-80, IMD-15

### **Course Curriculum**

#### **CORE COURSES**

Course Code	Name of the Courses	Credits
HIST 701C	Historical Methods	04
HIST 702C	Ancient Societies	04
HIST 703C	Feudalism	04
HIST 801C	Capitalism and Imperialism	04
HIST 802C	Nationalism	04
HIST 803C	Society & Economy in Colonial India	04
HIST 901C	Socio-Political history of Europe	04
HIST 902C	Tripura	04
HIST 903C	Project –I	04
HIST 1001C	India Nationalism	04
HIST 1002C	Socio-Economic history of North East India	04
HIST 1003C	Project-II	04

## **ELECTIVE COURSES**

Course Co	de Name of the Courses	Credits
HIST 804	E Modern USA	04
HIST 805	E Ecology and Environment in History	04
HIST 904	E Post Independence India	04
HIST 905	E Modern South East Asia	04
HIST 100	4E M. K. Gandhi and India	04
HIST 100	5E British Colonial Expansion & Policy in India	04

## **COMPULSORY FOUNDATION COURSES**

Course Code	Name of the Courses	Credits
Computer Skil	ls - I	04

# **Eligibility Criteria for Admission**

• BA/BA (Hons/Pass) in History

OR

• Appeared in BA/BA (Hons./Pass) Final Exam, 2015 in History

Admission through Research Eligibility Test (RET). One Semester Ph.D. Course work followed by Ph.D. Ph.D. Programme

Registration

**Faculty Members** 

Name	Designation	Specialization
Prof. Satyadeo Poddar	Professor	Modern Indian Historiography
Dr. Sukhendu Debbarma	Associate Professor	Modern Indian History, History of North East India
Sri Francis U Hrangkhawl	Assistant Professor	Ancient India
Dr. Monisankar Misra	Assistant Professor	Modern India
Sri Lincoln Reang	Assistant Professor	Modern India
Ms. Roshani Rai	Assistant Professor	Modern India
Sri Nishikant Kolge	Assistant Professor	Gandhi, anti-caste movement, Environment

#### DEPARTMENT OF JOURNALISM AND MASS COMMUNICATION

# **About the Department:**

The Department of Journalism and Mass Communication started on 7th August 2009 with objectives to teach and contour the aspiring students to meet the challenges in the pasture of media industries and communication studies. Over the past few years it has produced successful alumni who are well placed in media organizations in the state and outside acting as catalysts bringing changes in journalism. Many of them are also pursuing their research activities in various reputed media institutions within the country while others became media educators in this region.

Considering the global media set-up and demand the department marched hand in hand in collaboration with other premier media institutions of the country. It provides the teachers and students the opportunity to exchange and share their individual ideas. Above all it aimed at producing good and responsible media personnel lending one's ideas and knowledge in the spirit of free will by keeping communication culturally viable in both regional and global perspectives. The department witnesses opportunity for sharing one's creative ideas. There is a huge skill gaps in some areas of Journalism and Mass Communication. One of such areas is Video Production. Department is going to offer Six Semester Bachelor Programme under KAUSHAL Program as Vocational Degree from the Academic Session 2015 - 16.

Year of Establishment : 2009

**Head of the Department** : Mr. Deepak Upadhyaya

Courses Offered : MA in Journalism and Mass Communication Intake Capacity : MA - 25, B.Voc in Video Production : 30

## Course Curriculum-MA

#### **CORE COURSES**

Cou	rse Code	Name of the Courses	Credits
JMCN	701C	Principles of Communication	03
<b>JMCN</b>	702C	Advertising and Public Relations	04
<b>JMCN</b>	703C	Print Media	03
<b>JMCN</b>	704C	Electronic Media	03
<b>JMCN</b>	801C	Communication Research-I	02
JMCN	802C	Development Communication	03
JMCN	803C	Media Laws and Ethics	02
JMCN	804C	Video Production-I/Print Journalism-I/Advertising-I	04
JMCN	901C	Intercultural Communication	02
JMCN	902C	Communication Research -II	03
JMCN	903C	Folk Media	03
JMCN	904C	Video Production-II/ Print Journalism-II/ Advertising-II	04
JMCN	1001C	Internship	03
JMCN	1002C	Comprehensive VIVA	02
JMCN	1003C	Dissertation	03
<b>JMCN</b>	1004C	Project	06

# **ELECTIVE COURSES**

Cou	rse Code	Name of the Courses	Credits
JMCN	705E	Basics of Journalism	02
JMCN	706E	Radio Programming	02
JMCN	707E	Marketing Communication	02
JMCN	708E	Campaign Strategies	02
JMCN	805E	Principles of Photography	02
JMCN	806E	Arts and Aesthetics	02
JMCN	807E	Science and Art of Sound	02
<b>JMCN</b>	808E	Writing for Media	02
<b>JMCN</b>	905E	Media Literacy	02
<b>JMCN</b>	906E	Media and North East	02
<b>JMCN</b>	907E	International Communication	02
<b>JMCN</b>	908E	Computer Graphics	02
<b>JMCN</b>	1005E	Film Appreciation	02
<b>JMCN</b>	1006E	Health Communication	02
<b>JMCN</b>	1007E	Media Management	02
JMCN	1008E	New Media Studies	02
		COMPULSORY FOUNDATION COURSES	
Cou	rse Code	Name of the Courses	Credits
	(	Computer Skills	04

# **Eligibility Criteria for Admission**

• BA/BSc (Hons./Pass)

OR

• Appeared in BA/BSc. (Hons./Pass) Final Exam, 2015

# **B.Voc in Video Production**

# **Course Curriculum**

# **CORE COURSES**

Course Co	de Name of the Courses	Credits
VAVP-101C	Science and Arts of Sound	04
VAVP-102C	Basics of Video Production	04
VAVP-103C	Writing for Media	04
VAVP-201C	Advanced Audio Video Editing	04
VAVP-202C	Industrial Training	04
VAVP-203C	Project	04
VAVP-301C	Ad film Production	04
VAVP-302C	Media Entrepreneurship	04
VAVP-303C	Media Marketing	04
VAVP-401C	Short Film Production	04
VAVP-402C	Radio Production	04
VAVP-403C	Industrial Training	04
VAVP-501C	Exposure to local Media Trends	04
VAVP-502C	Television Production	04
VAVP-503C	Television News Production Techniques	04
VAVP-601C	Major Project in Video Production	04
VAVP-602C	Industrial Visit	04
VAVP-603C	Managerial Training in Industry	04
VAVP-604C	Evaluation and presentation of the project	04
	ELECTIVE COURSES	
Course (	Code Name of the Courses	Credits
VAVP-104E	Communicative English	04
VAVP-304E	Soft Skill and Personality Development	04
VAVP-504E	Advanced Computer Graphics	04
VAVP-505E	Media Laws and Ethics	04
VAVP-505E	iviedia Laws and Etnics	04
_	COMPULSORY FOUNDATION COURSES	
Course (	Code Name of the Courses	Credits
	Computer Skills	04

# Eligibility Criteria for Admission for VideoProduction

• 10+2 ( H.S.) Passed

OR

• Appeared in 10+2 (H.S.) Final Exam, 2015

# Faculty Position :

Name	Designation	Specialization
Mr. Deepak Upadhyaya	Assistant Professor	Development Communication
Mr. Sunil Kalai	Assistant Professor	Electronics Media and Photography
Miss. Rajkumari Lilapati Devi	Assistant Professor	Advertising

# DEPARTMENT OF KOKBOROK

# **About the Department**

In view of the long standing aspirations of the Kokborok speakers, Research, Teachers and Scholars of Tripura and the North-East, Tripura University proposes to introduce a Postgraduate Program (MA) in Kokborok from the academic session 2015-16 offered by the Department of Kokborok. The MA Program in Kokborok looks forward to generate scholarly interest in preserving a rich linguistic tradition and heritage of the region and encourage further research in the literatures composed in the language.

Year of Establishment : 2015

Course Offered : MAin Kokborok

Intake Capacity : 30

**Course Curriculum** 

**CORE COURSES** 

Course Code	Name of the Courses	Credits
KBRK 701C	History of Kokborok Language	04
KBRK 702C	History of Kokborok Literature -I	04
KBRK 703C	Poetry - I	04
KBRK 704C	Prose Fiction	04

Course Curriculum of other Semesters will be published later on.

**COMPULSORY FOUNDATION COURSES** 

Course Code Name of the Courses Credits

Computer Skills - I 04

# **Eligibility Criteria for Admission:**

• Passed /Appeared in the final examination of BA with Kokborok as a subject or PG Diploma in

Kokborok

**Faculty Position:** 

Name Designation Specialization

Ms.Khumtiya Debbarma Assistant Professor

## **Guest Teacher / Visiting Teachers:**

Name Specialization / Field of interest

Sri. Samir Debbarma
 Sri. RatanDebbarma
 M.A Linguistics
 M.A Bengali

#### **DEPARTMENT OF LAW**

# **About the Department**

The Law Department has been introduced as a Post Graduate department from 2011. The Objectives of the Department are to promote legal knowledge and to make law and the legal process efficient instruments of social advancement to advance the professional education and also to provide adequate orientation and training to judicial officers and others who are involved in the administration of justice.

Year of Establishment : 2011

**Head of the Department**: Dr. Praveen Mishra (I/C)

Course Offered : LL.M. Ph.D.

Intake Capacity : 15

#### **Course Curriculum**

#### **CORE COURSES**

Course Code	Name of the Courses	Credits
LAWS 1101C	Criminal Law - I	04
LAWS 1102C	Criminal Law - II	04
LAWS 1103C	Criminal Law - III	04
LAWS 1201C	Judicial Process	04
LAWS 1202C	Human Rights - I	04
LAWS 1203C	Human Rights - II	04
LAWS 1301C	Research Methodology	04
LAWS 1302C	Intellectual Property Rights - I	04
LAWS 1303C	Intellectual Property Rights - II	04
LAWS 1401C	Internship	04
LAWS 1402C	Internship	04
LAWS 1403C	Writing of dissertation & presentation	04

#### **ELECTIVE COURSES**

Course Code		Name of the Courses	Credits	
LAWS	1104E	Case Study	02	
LAWS	1105E	Communication Skills	02	
LAWS	1204E	Legal Skills	02	
LAWS	1205E	Concept of Banking	02	
LAWS	1304E	Media Law	02	
LAWS	1305E	Gender Justice	02	

# **COMPULSORY FOUNDATION COURSES**

Course Code	Name of the Courses	Credits
	Computer Skills - I	04

# Eligibility Criteria for Admission

 Three years LLB degree admitted after graduation under 10+2+3 pattern or Five years LLB degree course under 10+2+5 pattern with minimum of 50% marks in aggregate

OR

Appeared as mentioned above in Final Exam, 2015

Ph.D. Programme : Admission through Research Eligibility Test (RET).

One Semester Ph.D. Course work followed by Ph.D. Registration

Faculty Position :

Name of facultyDesignationArea of SpecializationDr. Praveen MishraAssistant professorCriminal law & Human Rights

Mr Manoranjan Jha (on Lien) Assistant professor Constitutional law

Dr. Prabhat Kumar Saha Assistant professor IPR Laws

#### **DEPARTMENT OF MANAGEMENT**

#### **ABOUT THE DEPARTMENT:**

The Department of Business Management, Tripura University, which started from the year 2003. The method of instruction for maximising learning should vary from course to course, and therefore, it uses a host of pedagogic approaches. It included conceptual clarity, verbal communication, analytical and problem-solving attitudes. Major emphasis is given on developing right attitudes and values besides specialised skills for working in the real world of management. The course also emphasises on case study base learning, industry visit, summer project, computer based learning to cater to the present needs of market.

Year of Establishment : 2003

Head of the Department : Prof. Prallad Debnath

Contact Number : 0381-2379220 Courses Offered : BBA, MBA, Ph.D.

Courses Offered for the Session July 2015 - June 2016: - BBA, MBA.

Intake Capacity : BBA - 50, MBA - 60

# **Course Curriculum**

#### **BBA**

## **CORE COURSES**

	Course Code	Name of the Courses	Credits		
		FIRST SEMESTER			
<b>BMGT</b>	101C	Principles and Practice of Management	03		
<b>BMGT</b>	102C	Business Communication	03		
<b>BMGT</b>	103C	Financial Accounting	03		
DIAGE	0040	SECOND SEMESTER	0.0		
BMGT	201C	Cost and Management Accounting	03		
BMGT		Quantitative Techniques for Management	03		
BMGT		Managerial Economics	03		
BMGT	204C	Business Environment THIRD SEMESTER	03		
BMGT	301C	Organization Behavior	03		
BMGT	302C	Business Law	03		
BMGT		Financial Management	03		
BMGT		Marketing Management	03		
		FOURTH SEMESTER			
BMGT		Research Methodology	03		
BMGT		Human Resource Management	03		
BMGT		Operations Management	03		
BMGT	404C	Entrepreneurship Development and Small Business Fundamer	ntals 03		
	FIFTH SEMESTER MARKETING MANAGEMENT SPECIALISATION				
BMGT	501C	Consumer Behavior	03		
BMGT	502C	Advertising and Sales Promotion	03		
<b>BMGT</b>	503C	Retail Management	03		
<b>BMGT</b>	504C	Project Report - I	03		
OR					
	FINANCIAL MANAGEMENT SPECIALISATION				
<b>BMGT</b>	505C	Financial Statement Analysis	03		
<b>BMGT</b>	506C	Indian Financial System	03		
<b>BMGT</b>	507C	Business Taxation	03		
BMGT	508C	Project Report - I	03		

# OR

		HUMAN RESOURCE MANAGEMENT SPECIALISATION	
<b>BMGT</b>	509C	Human Resource Planning	03
<b>BMGT</b>	510C	Human Resource Development	03
<b>BMGT</b>	511C	Wage and Salary \administration	03
<b>BMGT</b>	512C	Project Report - I	03
		SIXTH SEMESTER	
		MARKETING MANAGEMENT SPECIALISATION	
BMGT	601C	Services Marketing	03
BMGT	602C	Rural Marketing	03
BMGT	603C	Sales Management and Personal Selling	03
BMGT	604C	Project Report - II	03
		OR	
		FINANCIAL MANAGEMENT SPECIALISATION	
BMGT	605C	Advanced Financial Management	03
BMGT	606C	Banking and Insurance Management	03
BMGT		International Business Finance	03
BMGT		Project Report - II	03
		OR	
		HUMAN RESOURCE MANAGEMENT SPECIALISATION	
BMGT	609C	Industrial Relations	03
BMGT	610C	Organisational Development	03
BMGT	611C	Labour Laws	03
BMGT	612C	Project Report - II	03

# **COMPULSORY FOUNDATION: COMPUTER APPLICATION IN BUSINESS**

# CORE COURSES MBA

Course Code		Name of the Courses	Credits	
		FIRST SEMESTER		
<b>BMGT</b>	701C	Management and Organizational Behaviour	03	
<b>BMGT</b>	702C	Financial and Cost Accounting	03	
<b>BMGT</b>	703C	Business Environment	03	
BMGT	704C	Research Methodology	03	
		SECOND SEMESTER		
BMGT	801C	Financial Management	03	
<b>BMGT</b>	802C	Marketing Management	03	
<b>BMGT</b>	803C	Human Resource Management	03	
<b>BMGT</b>	804C	Operations Management and Quantitative techniques	03	
<b>BMGT</b>	805C	Project Paper	04	
		THIRD SEMESTER		
<b>BMGT</b>	901C	Business Ethics and Social Responsibility	03	
<b>BMGT</b>	902C	Project Paper	04	
Marketing Management Specialisation Course				
BMGT	903C	Consumer Behaviour	03	
<b>BMGT</b>	904C	Product and Distribution Management	03	
AND				
Financial Management Specialisation Course				
<b>BMGT</b>	905E	Financial Markets and Services	03	
BMGT	906E	Security Analysis and Portfolio Management	03	

#### OR

Human Resource Management Specialisation Course			
<b>BMGT</b>	907E	Manpower Planning	03
<b>BMGT</b>	908E	Organizational Development	03
		FOURTH SEMESTER	
BMGT	1001C	Strategic Management	03
BMGT	1002C	Entrepreneurship Development	03
Marketi	ing Managem	nent Specialisation Course	
<b>BMGT</b>	1003C	Integrated Marketing Communication	03
<b>BMGT</b>	1004C	Services Marketing	03
		AND	
Financi	ial Managem	ent Specialisation Course	
<b>BMGT</b>	1005E	Advanced Financial Management	03
<b>BMGT</b>	1006E	International Financial Management	03
		OR	
Human	<b>Resource M</b>	anagement Specialisation Course	
<b>BMGT</b>	1007E	Industrial Relations and Labour Laws	03
<b>BMGT</b>	1008E	Wages and Salary Administration	03
	_		
		o be offered from outside department:	
	`	auditing, department of commerce)	
elective – 2 MC401 (business taxation, department of commerce)			
elective – 3 MC201 (accounting theory, department of commerce)			
		nternational business environment, department of commerce)	
compul	sory foundation	on: computer application in business	

# Eligibility Criteria for Admission in MBA

Passed/ Appearing in Graduation Exam, Final Year (Hons./ Pass) or Passed/ Appearing in Graduation Exam, Final Year (Engineering/ Technology/ Computer Application/ Medical Science/ Pharmacy/ Agriculture) or Passed/ Appearing in Post Graduation Exam, Final Year (Commerce / Science/ Arts). Candidates pursuing/ completed Graduation/ Post Graduation in the above mentioned category through Distance Mode can apply provided they fulfill latest UGC norms.

# And

T.U. MAT to be conducted by Department of Business Management, Tripura University. (All Applicants have to appear in T.U. MAT)

# Eligibility Criteria for Admission in BBA

Passed/Appearing in H.S. (+2) or its equivalent Examination in any stream from any recognized Board/Council.

## And

BBA Admission Test to be conducted by Department of Business Management, Tripura University. (All Applicants have to appear in BBAAdmission Test)

# Faculty Position (Regular) :

Name	Designation	Specialisation
Mr. Manish Das	Assistant Professor	Marketing and Operations.
M/s Anjana Kalai	Assistant Professor	Marketing, Entrepreneurship & Small Business Development.
Mr. Nirmalya Debnath	Assistant Professor	Marketing, Systems and Operations.
M/s Mahasweta Saha (Das)		Operations and Marketing.
Mr. Purushottam Bhowmik	Lecturer	HRM.
Mr. Tamal Chaudhuri	Lecturer	Marketing and HRM.
M/s Jayanti Bhattacharya	Lecturer	Finance and Accounting.

#### **DEPARTMENT OF MUSIC**

## **About the Department**

The Department of Music was established in the Year 2009. At present it is the only department in the entire NER which is offering Master Degree in Hindustani Music (Vocal and Kathak).

Year of Establishment 2009

Head of the Department :
Course Offered :
Intake Capacity : Sri Utpal Biswas

MAin Hidustani Music (Vocal/Dance), Ph.D

M. Music - 26

## **Course Curriculum** MUSIC

## CORE COURSES

Course Code	Name of the Courses	Credits
MUSC 701C	ADVANCED THEORY OF MUSICOLOGY	04
MUSC 702C	RAGAS BAS3ED ON DIFFERENT ANGAS I (PRACTICAL)	04
MUSC 703C	RAGAS FOR INTENSIVE STUDY (PRACTICAL)	04
MUSC 801C	THEORY OF TALA, WESTERN & CARNATIC MUSIC	04
MUSC 802C	RAGAS BASED ON DIFFERENT ANGAS II (PRACTICAL)	04
MUSC 803C	PROJECT ON A MUSICAL AREA, PROJECT WRITING/STAGE	04
	DEMONSTRATION	
MUSC 901C	HISTORY OF INDIAN MUSIC	04
MUSC 902C	RAGAS BASED ON DIFFERENT ANGAS III	04
MUSC 1001C	RESEARCH METHODOLGY IN MUSIC & PROJECT WRITING	04
MUSC 1002C	RAGAS BASED ON DIFFERENT ANGAS IV (PRACTICAL)	04

### **ELECTIVE COURSES**

Course Code		Name of the Courses	Credits
MUSC	704E	COMMUNICATING SKILL	04
MUSC	804E	BASICS OF COMPUTER	04
MUSC	903E	COMPUTER TECHNOLOGY IN MUSIC	04
MUSC	904E	ACCOUSTICS OF MISIC	04
MUSC	1003E	AESTHETICS OF MUSIC	04
MUSC	1004E	ETHNOMUSICOLOGY	04

## DANCE

## CORE COURSES

Course	Code	Name of the Courses Cr	edits
MUSC	701C	Origin and History of Dance	04
MUSC	702C	Practical:-Special paper Kathak Nritya and Abhinoy in Teental advance Tora, Tukda etc.	, 04
MUSC	703C	Stage demonstration in Kathak, Rabindra nritya	04
MUSC	801C	Theory :-history and Techniques of kathak	04
MUSC	802C	Practical:-Nritya and abhinoy in Jhaptal (Advanced) Project with stage performance.	04
MUSC	901C	South- East Asian Dance	04
MUSC	902C	Practical:-Dhamar Taal(Nritya and Abhinaya), Project with stage demonstratition	04
MUSC	1001C	Theory:-cultural Histort of India Contribution of major emperor both of north and South India.	04
MUSC MUSC	1002C 1003C	Practical:-Pancham Swarital(Nritya and Abhinaya). Project with seminar	04 04

#### **ELECTIVE COURSES**

Course Code	Name of the Courses	Credits
MUSC 704E	Theory :-Advanced theory of indian dance	04
MUSC 705E	Practical:-Introducing tal, variety of tatkar and palta	04
MUSC 803E	Study of AncientText on dance	04
MUSC 903E	South East Asain Dance	04
MUSC 9034E	Practical:-Rabindra Nritya & Project	04
MUSC 1004E	Aesthetics	04

#### **COMPULSORY FOUNDATION COURSES**

Course Code Name of the Courses Credits

Cmputer Skills - II 04

#### Eligibility Criteria for Admission

• B.Music honours in classical Vocal and Kathak. Also BA pass candidates having Music as a subject.

OR

• Appeared in B.Music honours in classical Vocal and Kathak. Also BA pass candidates having Music as a subject. Final Examination 2015.

**Ph.D. Programme** : Admission through Research Eligibility Test (RET).

One Semester Ph.D. Course work followed by Ph.D.

Registration

Faculty Position :

NameDesignationSpecialisationDr. Rabindra BharaliAssistant ProfessorHindustani VocalMr. Utpal BiswasAssistant ProfessorHindustani Vocal

#### **DEPARTMENT OF PHILOSOPHY**

#### **About the Department**

Department of Philosophy started its journey under Tripura University in July, 1994. The department has arranged and organised seminars, discussion, lectures on state, national and international levels individually and conjointly. Every year as a part of the Teacher's Day programme, this department has been organising and arranging seminars, discussions, lecture programmes to commemorate the great teacher and philosopher S. Radhakrishnan. The department has been publishing a departmental journal entitled 'Pratyaya'. Major Thrust Area of Research is in Indian Philosophy, Ethics, Western Philosophy, Philosophy of Religion and Culture.

Year of Establishment 1994

Dr. Krishna Bhattacharya

Head of the Department : Dr. Krishna Bhatt
Course Offered : M.A., IMD, Ph.D

Intake Capacity MA-80. IMD - 15

#### **Course Curriculum**

## CORE COURSES

Course C	Code	Name of the Courses	Credits
PHIL 701C	Indian Metaphysics		04
PHIL 702C	Western Metaphysics		04
PHIL 801C	Indian Epistemology		04
PHIL 802C	Western Epistemology		04
PHIL 901C	Indian Ethics		04
PHIL 902C	Western Ethics		04
PHIL 903C	Project - I		04
PHIL 1001C	Indian Logic		04
PHIL 1002C	Western Logic		04
PHIL 1003C	Project - II		04

## **ELECTIVE COURSES**

Cour	se Code	Name of the Courses	Credits
PHIL	703E	Classical Western Philosophy	04
PHIL	704E	Environmental Ethics	04
PHIL	803E	Philosophy of Culture and Religion	04
PHIL	904E	Indian Social and Political Philosophy	04
PHIL	905E	Classical Indian Philosophy	04
PHIL	1004E	Abnormal Psychology	04
PHIL	1005E	Western Social and Political Philosophy	04

#### **COMPULSORY FOUNDATION COURSES**

Course Code	Name of the Courses	Credits
	Computer Skills - I	04

## **Eligibility Criteria for Admission**

• BA (Hons./Pass) in Philosophy

OR

• Appeared in BA (Hons./Pass) Final Exam, 2015 in Philosophy

Admission through Research Eligibility Test (RET). One Semester Ph.D. Course work followed by Ph.D. Ph.D. Programme

Registration

Faculty Position	:
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Name	Designation	Specialization
Dr. Krishna Bhattacharya Dr. Mohan Debbarma Philosophy	Associate Professor Associate Professor	Vedanta and Western Epistemology Philosophy of Culture and Religion, Western
Dr. Bimal Ch. Pal Dr. Arup Jyoti Sarma Mr. Bhupesh Debbarma	Assistant Professor Assistant Professor Assistant Professor	Ethics Ethics, Western Philosophy Philosophy of Culture and Religion

#### DEPARTMENT OF POLITICAL SCIENCE

#### **About the Department**

The Department was established in 1994. The curriculum of the Master Degree focuses on the study of Political Theory/Thought, Comparative Politics, International Relations, Public Administration, Developmental Studies, Research Methodology, Indian Politics etc. The programme has designed to enhance theoretical understanding, relating to the political processes in the contemporary socio-economic and institutional order and to develop methodological skills. The Department emphasis on the study of political developments in North-East India.

Year of Establishment : 1994

Head of the Department : Prof. Chandrika Basu Majumder

Courses Offered : MA, IMD, Ph.D. Intake Capacity : M.A.-80, IMD-10

#### **Course Curriculum**

#### **CORE COURSES**

Course Co	ode Name of the Courses	Credits
POLS 701C	Ancient Indian Political Thought	04
POLS 702C	Modern Indian Political Thought	04
POLS 703C	Classical Western Political Thought	04
POLS 704C	Modern Western Political Thought	04
POLS 705C	Political Theory	04
POLS 801C	Theories of International Relations	04
POLS 802C	Public Administration	04
POLS 803C	Comparative Government and Politics	04
POLS 804C	Political Sociology	04
POLS 805C	Social Movements and Politics in India	04
POLS 901C	Research Methodology	04
POLS 902C	Project Paper-1	04

#### **ELECTIVE COURSES**

Course Code	Name of the Courses	Credits	
POLS 903E	Problems of International Relations	03	
POLS 904E	Development Administration	03	
POLS 905E	North East Indian Politics	03	
POLS 906E	Public Policy and Analysis	03	
POLS 907E	International Politics in South Asia	03	
POLS 1001E	Foreign Policy of India	03	
POLS 1002E	E-Governance	03	
POLS 1003E	Project Paper-2	04	
POLS 1003E	Constitution and Administration of India	03	
POLS 1005E	International Politics in Southeast Asia	03	
POLS 1006E	Human Rights	03	
POLS 1007E	Ethics of Politics	03	

#### **COMPULSORY FOUNDATION COURSES**

Course Code Name of the Courses

Computer Skills - I 04

## Eligibility Criteria for Admission

• BA (Hons./Pass) in Political Science

OR

• Appeared in BA (Hons./Pass) Final Exam, 2015 in Political Science

**Ph.D. Programme** : Admission through Research Eligibility Test (RET).

One Semester Ph.D. Course work followed by Ph.D.

Credits

Registration

Faculty Positions :

SI No	Name	Designation	Degree	Specialisation
1	Prof. Chandrika Basu Majumder	Professor	Ph D	Political Thought & Human Rights
2	Prof. Kashi Nath Jena	Professor	Ph D	Globalization & Intellectual Property Rights
3	Dr. Gautam Chakma	Associate Professor	Ph D	Political Theory and International Relations
4	Dr. Alak Bhattacharya	Assistant Professor	Ph D	Research Methodology/ Development Studies/Public Administration
5	Sri Vanlalmuana Darlong	Assistant Professor	M. A.	Public Administration & Developmental Studies
6	Sri Biplab Debnath	Assistant Professor	M.A. M.Phil	International Relations & India's Foreign Policy
7. 8.	Miss Nengneithem Kipgen Miss Dipikanta Chakraborty	Guest Faculty Guest Faculty	M.A. M.A.	Human Rights Indian Political Thought

#### DEPARTMENT OF PSYCHOLOGY

#### **About the Department**

The Department of Psychology was established in the year 2011 with the commitment to prepare Psychologists as Professionals for significantly contributing to the development of society. Due emphasis has been placed in developing Psychologists with Innovativeness, so as to enable the students to become Self-Employed. The department also thrusts on promoting research activities.

The Department of Psychology is dedicated in advancing the knowledge of Management of Mental Health. In this direction major emphasis has been given to train students as Teachers. Counsellors. Therapists and Researchers by cultivating mastery over the relevant skills in the areas of human development and behaviour...

Year of Establishment 2011

Year of Establishing... Head of the Department : Dr. Anjana Bhattacharjee (I/C)

Course Offered M.A., Ph.D. MA-**20** Intake Capacity

**Course Curriculum** 

#### **CORE COURSES**

Co	ourse Code	Name of the Courses	Credits
PSCY	701C	Cognitive Psychology	04
PSCY	702C	Positive Psychology	04
PSCY	703C	Practical	04
PSCY	801C	Research Methodology And Statistics	04
PSCY	802C	Personality Theories	04
PSCY	803C	Practical	04
PSCY	901C	Psychopathology	04
PSCY	902C	Psycho-diagnostic and Psychotherapy	04
PSCY	903C	Practical	04
PSCY	1001C	Internship	02
PSCY	1002C	Project	04

#### **ELECTIVE COURSES**

Course Code		Name of the Courses	Credits
PSCY	704E	Advanced Social Psychology	04
PSCY	705E	Educational Psychology	04
PSCY	804E	Counseling Psychology	04
PSCY	805E	Environmental Psychology	04
PSCY	904E	Stress Management	03
PSCY	1003E	Health Psychology	03

#### **COMPULSORY FOUNDATION COURSES**

Course Code	Name of the Courses	Credits

Computer Skills - I 04

## **Eligibility Criteria for Admission**

• BA/BSc. (Hons/Pass.) in Psychology

OR

Appeared in BA/BSc. (Hons./Pass) Final Exam, 2015 in Psychology

: Admission through Research Eligibility Test (RET). Ph.D. Programme

One Semester Ph.D. Course work followed by Ph.D. Registration

**Faculty Position** 

Name Designation **Specialization** Dr. Anjana Bhattacharjee Assistant Professor Clinical Psychology Dr. Rajesh Ganesan Assistant Professor **Behaviour Technology** 

#### DEPARTMENT OF RURAL MANAGEMENT AND DEVELOPMENT

### **About the Department**

MRMD 1004E

A professional approach is the need of the Country as against the traditional bureaucratic approach to address the issues related to rural development. In this direction the Tripura University launched the one year Post Graduate Diploma in Rural Development (PGDRD) in 2004, mainly to equip Rural areas with Development Professional. Subsequently PGDRD programme has been upgraded to 2-year Master of Rural Management and Development (MRMD) programme in 2006. The department gives emphasis to make Rural Development professionals to think globally and to act locally so as to ensure their intervention relevant, appropriate, latest, just and right.

**Year of Establishment**: 2006

**Head of the Department**: Dr. Jayanta Choudhury

Courses Offered : Masters in Rural Management & Development (MRMD), Ph.D.

Intake Capacity : MRMD - 40

#### **Course Curriculum**

#### **CORE COURSES**

	С	ourse Code	Name of the Courses	Credits
	MRMD	701C	Rural Development Concept and Related Theories	4
	MRMD	702C	Natural Resource and Environment Management	4
	MRMD	703C	Good Governance &Rural Institutions	4
	MRMD	801C	Agriculture and Rural Livelihood	4
	MRMD	802C	Communication and Rural Extension	4
	MRMD	803C	Placement in Government organisation	3
	MRMD	901C	Rural Demography and Rural Sociology	4
	MRMD	902C	Research Methodology	4
	MRMD	903C	Placement inNGO/CBO/CSO Placement	3
	MRMD	1001C	Master Thesis	6
	MRMD	1002C	Rural Entrepreneurship and Business Plan	4
	MRMD	1003C	Inclusive Rural Development	4
ELECTIVE COURSES			ELECTIVE COURSES	
			Course Code Name of the Courses Credit	s
	MRMD	704E	Rural Women and Children 3	
	MRMD	804E	Rural Development Planning 3	
			&Project Management	
	MRMD	904E	Microfinance SHGs Management 3	

#### **COMPULSORY FOUNDATION COURSES**

3

Course Code	Name of the Courses	Credits

Field Exposure 4
Computer Skills 4

Rights and Rural Development

## Eligibility Criteria for Admission :

• B.A. (Hons/Pass) / B.Sc. (Hons./Pass) or any subject other than Language Groups.

OR

• B.A. (Hons/Pass) / B.Sc. (Hons./Pass) or any subject other than Language Groups, appeared in Final Exam, 2015.

Ph.D. Programme : Admission through Research Eligibility Test (RET).

One Semester Ph.D. Course work followed by Ph.D. Registration

Faculty Position :

Name Designation Specialization

Dr. Jayanta Choudhury Assistant Professor Micro-Finance/SHG; RD Project/Planning

Local Self-Government, Participatory Approach.

Dr. Arobindo Mahato Assistant Professor Rural Women, Corporate Social Responsibility,

Community Based Adaptation

Mr. Samrat Goswami Assistant Professor Water Governance and Management, Dynamic

Macroeconomics, Resource Economics,

Game Theory

Guest Teacher :

Name Designation Specialization

Ms. Moutoushi Deb Guest Teacher

#### **DEPARTMENT OF SANSKRIT**

#### **About the Department**

The Department was established in 1977 as part of the Post Graduate Centre of Calcutta University. Since then it has moved with the time and endeavoured to offer postgraduate programme in Sanskrit keeping in view its contemporary relevance. Several senior and reputed teachers are part of the faculty members of the Department. The Department has been very active in research and co-curricular activities. All the faculty members encourage students to participate in departmental activities such as recitations, language proficiency competitions and seminars.

Year of Establishment : 1977

Head of the Department : Dr. Chandan Kr Chakraborty

Courses Offered : M.A., Ph.D. Intake Capacity : MA-60

## Course Curriculum

#### **CORE COURSES**

	Course Code	Name of the Courses C	redits
SANS	701C	Vedic and Anciltary Text	04
SANS	702C	Elements of Sanskrit Grammar	04
SANS	703C	Sanskrit Linguistics & Interpretation of Skt Grammar	04
SANS	704C	Indian Philosophy (Sankhya, Vedanta & Nyaya)	04
SANS	705C	Upanisadic texts	04
SANS	706C	Texts on Smrti Lit, Vedic Prosody & Elements of Prakrit Gramma	ar 04
SANS	707C	History of Vedic & Classical Sanskrit Literature	04
SANS	708C	Sanskrit Prose and Poetry	04
SANS	709C	Sanskrit Plays & Poetics	04
SANS	710C	Project	04

#### **ELECTIVE COURSES**

Course Code	Name of the Courses	С	redits
SANS 801E	Indian Epics and Puranas		04
SANS 802E	Kavya and Alankara		04
SANS 803E	Darshana and Vyakarana		04
SANS 804E	History, Polity and Campu		04
SANS 805E	Academic Tour		02
SANS 806E	Submission of Report on Academic Tour		02
SANS 807E	Communicative Englsih / MOOC (Outer Dept.)		04
SANS 808E	Sanskrit Drama and Dramaturgy	04	

#### **COMPULSORY FOUNDATION COURSES**

Course Code Name of the Courses Credits

Computer Skills - I

#### **Eligibility Criteria for Admission** :

• BA (Hons./Pass) in Sanskrit

OR

• Appeared in BA (Hons./Pass) Final Exam, 2015 in Sanskrit

Ph.D. Programme : Admission through Research Eligibility Test (RET).

One Semester Ph.D. Course work followed by Ph.D.

Registration

Faculty Positions

Name Designation Specialization

Prof. Jyotish Nath Professor Vedanta, Veda

Dr. Sipra Ray Associate Professor Classical Literature & Literary criticism

Dr. Chandan Kr Chakraborty Associate Professor Kavya (Literature)

Dr. Shankar Nath Tiwari Assistant Professor Poetics

Dr. Debaraj Panigrahi Assistant Professor Classical Literature

#### **DEPARTMENT OF SOCIOLOGY**

## **About the Department:**

Major thrust of the Department of Sociology, Tripura University is to promote interdisciplinary teaching and research. The department has a group of committed faculty from diverse background and experiences. While emphasizing topics and themes central to the discipline, the Department's teaching and research activities have been oriented towards contemporary questions that have both basic and applied dimensions. Efforts are being made to evolve the courses, keeping in mind the international, national and regional traditions.

Year of Establishment : 2011

Head of the Department : Dr. Rajeev Dubey (I/C)

Course Offered : M.A., Ph.D. Intake Capacity : MA-20

#### **Course Curriculum**

#### **CORE COURSES**

Course Code	Name of the Courses	Credits
SOCY 701C	Sociological Concepts	04
SOCY 702C	Classical Sociological Traditions	04
SOCY 703C	Sociology of Family Life and Kinship in India	04
SOCY 704C	Research Methodology-I	04
SOCY 801C	Sociological Theories-I	04
SOCY 802C	Indian Society: Approaches & Structure	04
SOCY 803C	Research Methodology-II	04
SOCY 901C	Sociological Theories-II	04
SOCY 902C	Dissertation Project -I	04
SOCY 1001C	Dissertation Project-II	04

#### **ELECTIVE COURSES**

Course Code	Name of the Courses	Credits
SOCY 903E	Sociology of Tribal Life	04
SOCY 904E	Sociology of Education	04
SOCY 905E	Gender and Society	04
SOCY 1002E	Sociology of Development	04
SOCY 1003E	Sociology of Communication	04
SOCY 1004E	Sociology of Religion	04
SOCY 1005E	Political Sociology	04

#### **COMPULSORY FOUNDATION COURSES**

Course Code	Name of the Courses	Credits
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## **Eligibility Criteria for Admission** :

• Bachelor's Degree in any Discipline under 10+2+3 pattern

OR

• Appeared in any Bachelor's Degree Final Exam, 2015

**Ph.D. Programme** : Admission through Research Eligibility Test (RET).

One Semester Ph.D. Course work followed by Ph.D.

Registration

<b>Faculty Position</b>	:
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Name	Designation	Specialization
Dr.Rajeev Dubey	Assistant Professor	Sociology of Religion, Sociology of
		Education and Sociology of Gender.
Dr. Gadadhara Mohapatra	Assistant Professor	Sociology of Economic life/ Development,
-	(On Lien)	Political Sociology, Sociology of Gender &
		Tribal Studies.
Dr. Sharmila Chhotaray	<b>Assistant Professor</b>	Sociology of Popular Culture and
•		Communication Qualitative Sociology

Communication, Qualitative Sociology, Gender and Development.

**Guest Faculties: - Guest Faculty** 

Mrs. Lilypar Hrangkhawl Sociology of Family Life and Kinship in India, Sociology

of Tribal Life

Mr. Surajit Debnath
Political Sociology, Sociological Theories, Indian Society
Ms. Arosmita Sahoo
Economy & Society, Methodological Debate in Classical

Sociology & Emerging Debate, Science- Theory of

Falsification- critical rationalism.

#### PG DIPLOMA IN BAMBOO CULTIVATION AND RESOURCE UTILIZATION

#### ABOUT OF THE CENTRE:

The Centre for Bamboo Cultivation & Resource Utilization was established in 2006 with the financial support from National Council of Rural Institutes, MHRD, Govt. of India and Tripura University. The aim of the programme is to run one year Post Graduate Diploma Course on Bamboo in the North East region and to motivate students for Self – Employment, as well as to develop essential infra – structure for R & D in Bamboo cultivation and germplasm conservation. Since then one year PG Diploma course of two semesters was successfully run by the faculty members of the Department of Botany along with the support of other faculties of the University and outside Institutions.

Year of Establishment : 2006

Programme Coordinator : Dr. Ajay Krishna Saha
Courses Offered : Post Graduate Diploma in Bamboo Cultivation &

Resource Utilization (PG BCRU)

Intake Capacity 20

**Course Curriculum** 

CORE COURSES

		CONE COCKCEC	
Course Code		Code Name of the Courses	Credits
	BCRU 711C	Bamboo Biodiversity and Resource	04
	BCRU 712C	Bamboo Propagation and Conservation	04
	BCRU 713C	Bamboo Management and Utilization	04
	BCRU 714C	Workshop Activities	02
	BCRU 811C	Bamboo Technology	02
	BCRU 812C	Bamboo Design and Product Development	02
	BCRU 813C	Workshop and Project Paper	08

# ELECTIVE COURSES

Course Code	Name of the Courses	Credits
BCRU 715E	Remote Sensing and GIS (Practical)	02
BCRU 814E	Forest Utilization and Forest Based Industries	02
BCRU 815E	Field Survey/Industry Visit	02
BCRU 816E	Communicative English	02
BCRU 817E	NSS/Social Service	02

#### **COMPULSORY FOUNDATION COURSES**

Course Code Name of the Courses **Credits** 

04 Computer Skills - I

**Eligibility Criteria for Admission** 

• B.Sc. (Hons./Pass)

OR

Appeared in B.Sc. (Hons./Pass) Final Examination - 2015

Faculty Member positions :

Name	Designation	Specialization
Prof. Rabindra Kumar Sinha	Professor	Cytogenetics & Plant Biotechnology
Prof. Badal Kumar Datta	Professor	Plant Taxonomy & Biodiversity
Dr. Ajay Krishna Saha	Reader	Mycology & Plant Pathology
Dr. Surochita Basu	Assistant Professor	Cytogenetics & Cell Biology
Dr. Panna Das	Assistant Professor	Microbiology
Dr. J. Chaudhuri	Assistant Professor	Micro-Finance/SHG; RD Project/Planning

Local Self- Government, Participatory Approach

Dr. A. Kant Director (I/C) BCDI

## **Centre for Social Exclusion and Inclusive Policy (CSSEIP)**

#### **About the Department:**

The political history of Tripura in the last three decades provides a case study of how terrorism and insurgency feed on underdevelopment, and, in turn, create circumstances of insecurity and Exclusion that impede the process of human development. The Centre for Social Exclusion and Inclusive Policy (CSSEIP) has been established in Tripura University in the month of April, 2008, with adequate infrastructure and necessary logistics. To make the Indian society truly egalitarian, the institution of higher learning need to address the issue of social exclusion and inclusion. The primary space where 'Exclusion' can be studied, understood and first transcended are the Universities which, can and must act as a beacon for society. The UGC has therefore decided to support research on the issue of social exclusion which has theoretical as well policy importance. The focus of such research is social exclusion related to *dalit*, tribal and religious minorities. The idea is to establish a **Teaching–cum–Research** Centre in Tripura University to pursue this noble cause.

Year of Establishment : 2008

Head of the Department : Prof. K. N. Jena

Courses Offered : Post Graduate Diploma in Tribal & Ethnic Studies

Intake Capacity : 20

#### **Course Curriculum**

#### **CORE COURSES**

Course Code	Name of the Courses	Credits
TRES 711C	Tribal & Ethnic Communalities in India special reference to	
	North East India	04
TRES 712C	Tribal Development in India with special reference to Tripura	04
TRES 713C	Research Methodology	04

Course Curriculum of 2nd Semester will be published later on. Course Curriculum of 2nd Semester will be published later on.

#### **ELECTIVE COURSES**

Course Code	Name of the Courses	Credits
TRES 714E	Extension Education & Counseling for Tribal Development	04
TRES 715E	Social Exclusion & Inclusive Policy	04
TRES 716E	Entrepreneurship Development for Tribal Youth	02
TRES 717E	Tribal Development in India: special reference to Tribura	02

#### **COMPULSORY FOUNDATION COURSES**

Course Code	Name of the Courses	Credits
Computer Skills - I		4

#### Eligibility Criteria for Admission

• Bachelor Degree from any discipline

OR

• Appeared Bachelor Degree from any discipline in Final Exam, 2015.

## PhD Programme:

The type of intellectual activities that the CSSEIP, Tripura University is engaged it include: Undertaking PhD Supervision in collaboration with other departments of the faculty of Social Sciences and Humanities.

## **Faculty Position:**

Name	Designation	Specialisation
Prof. K. N. Jena	Professor	Globalization and Development
		Studies
Dr. Rajesh Chatterjee	Asst. Profcum-Asst. Director	Rural Institutions and Rural Extension
Dr. Nanigopal Debnath	Asst. Profcum-Asst. Director	Population Study, Human
		Development, Tribal Studies

## **Centre for Tribal Languages**

#### About the Department:

The Centre for Tribal Languages was established under the Tripura University in the year 1999. Under this Centre a 1-year PG Diploma Course in Kokborok Language and Literature was introduced in 2002. Prior to introduction of the PG Diploma in Kokborok Language and Literature there was a certificate Course in Kokborok Language introduced into the Department of Bengali. Tripura University in the year 1994. Initially it was a 3 month certificate course. Later on a 6 month certificate Course was introduced and it continued prior to introduction of the PG Diploma Course in 2002. The main objective of both the certificate and PG Diploma Course in Kokborok is to impart knowledge in Kokborok Language and Literature to the student of both the Tribal and non-Tribal communities. The Centre is intending to undertake some linguistic projects in Tribal Languages in the state which is also the lingua franca in the hills. The centre started publishing an annual Journal entitled 'KHERENGBAR' from 2013.

Year of Establishment 1999

Course Code

Mrs. Khumtiya Debbarma Head of the Department

Course Offered 1. PG Diploma in Kokborok Language

> 2. Six months Certificate in Kokborok Language 3. Six months Certificate in Mizo Language and 4. Six months Certificate in Garo Language

> > **Credits**

PG Diploma in Kokborok – 100. Intake Capacity

Kokborok Certificate Course – 30

Mizo Language - 30 Garo Language - 30

#### Course Curriculum

#### **CORE COURSES**

## Certificate Course on Kokborok

KOKC 001C	History of Kokborok Language & Kokborok Literature	4
KOKC 002C	Linguistic aspects of Kokborok language & Situational Conv	ersation 4
KOKC 003C	Translation and Composition & Practical	4

**Course Title** 

#### PG Diploma in Kokborok (Two Semester)

Course Code	Course Title	Credit
	CORE COURSES	
KOKB 611C	History of Kokborok Language & Literature	4
KOKB 612C L	inguistic Aspects, Translation & Composition	4
KOKB 613C F	Practical	4
KOKB 711C F	Poems & Drama	4
KOKB 712C K	Kokborok Novel, Short Stories & Literary Essay	4
KOKB 713C F	Practical	4

#### **ELECTIVE COURSES**

KOKB 614E	Communicating English	4
KOKB 615E	Creative Writing	4

## **Compulsory Foundation**

Computer Skills - I 4

## **Eligibility Criteria for Admission:**

• BA/BSc (Hons./Pass)

OR

• Appeared in BA/BSc. (Hons./Pass) Final Exam, 2015

**Faculty Position:** 

Name Designation Specialization

Ms. Khumtiya Debbarma Assistant Professor Prem chand / Kokborok Folk Literature.

## **Guest Teacher / Visiting Teachers:**

Name	Institution	Invited as	Specialization / Field of interest
Mr. Naresh Chandra Dev Varma	Retd. Dy. Secretary of the	Guest	Literary theory and Kokborok Poem
	TLA. Govt. of Tripura	Teacher	
Mr. Rabindra Kishore Debbarma	Asst. Teacher, Pragati	-Do-	Folk Literature and Linguistics
	Vidyabhan, Agartala		
Dr. Nitai Acharya	Lecturer, DIET	-Do-	Linguistics and Morphology
	Abhoynagar, Agartala		
Mrs. Ajita Tripura	Asst. HM. Hariganga Girls	-Do-	Folk tale and Modern Kokborok
	H.S., Agartala		Literature
Mr. Suranjan Kundu Chowdury	PGT (Eng.) Madhupur H.S.	-Do-	Literary essays and Translation
	School, Bishalghar		
Mrs. Pritilata Debbarma	Guest Lecturer in Kokborok,	-Do-	Composition and Literary essays
	MBB College, Agartala		

[ The Course Curriculum & Faculty List of Mizo Certificate Programme & Garo Certificate Programme shall be published later].

#### **INTEGRATED MASTER DEGREE PROGRAMME (IMD)**

#### **About the Department**

In pursuance of the UGC's recommendations on reforms in higher education, Tripura University has introduced the Integrated Masters Degree Programme in the Humanities and Social Science disciplines, Mathematics and Computer Applications. The Programme solicits scholars fresh out of their higher Secondary or plus two programme ready to pursue a career in the general Degree courses of the University, but with the aim of developing basic research skills in higher education. The Course structure and the subject combinations offered through the semester pattern of examinations aim at preparing undergraduate students both for competitive examinations at various levels, as well as for equipping them with all necessary databases enabling a smooth entry into higher academics. Project based group work as well as dissertation writing introduced at multiple levels during the programme aim at orienting young minds towards creative self expression and developing analytical skills, transcending conventional rote learning. It is expected that our university, through the introduction of this programme, is able to promote holistic education in the true spirit of the institution's motto – the pursuit of excellence.

Coordinator: Dr. R. N. Dutta PurkayasthaAssistant Coordinator: Dr. Arup Jyoti Sarma

Faculty : Classes are taken by faculty members of

different departments for respective subjects and also by some selected NET/SLET/GATE qualified Research

Scholars.

#### Eligibility for admission to IMD Course

- a) Passed class XII Board examination (10+2) or its equivalent examination securing minimum of 50% marks in aggregate from a recognized Board / Council.
- b) Admission of students from abroad: Applicant should have passed Higher Secondary (Class XII board examination 10+2) or its equivalent examination of the recognized board / council of their country.
- c) Foreign students should have all legal visas and permission for entry into the country.
- d) All the applicants will be provisionally admitted to IMD Programme until the university issues the registration cards for them.

# Course Structure till sixth semester (Subjects to Approval of academic council)

1 <sup>st</sup> Sem	2 <sup>nd</sup> Sem	3 <sup>rd</sup> Sem	4 <sup>th</sup> Sem	5 <sup>th</sup> Sem	6 <sup>th</sup> Sem
Core Subject – 100 Marks	Core Subject - 100 Marks	Core Subject – 100 Marks	Core Subject – 100 Marks	Core V – 100 Marks	Core VII – 100 Marks
				Core VI – 100 Marks	Core VIII – 100 Marks
Elective I – 1 <sup>st</sup> Paper 100 marks	Elective 1 – 2 <sup>nd</sup> Paper 100 marks	Elective 1 – 3 <sup>rd</sup> Paper 100 marks	Elective 1 – 4 <sup>th</sup> Paper 100 marks	Elective 1 – 5 <sup>th</sup> Paper 100 marks	Optional - I 100 marks
Elective II – 1 <sup>st</sup> Paper 100 marks	Elective II – 2 <sup>nd</sup> Paper 100 marks	Elective II – 3 <sup>rd</sup> Paper 100 marks	Elective II – 4 <sup>th</sup> Paper 100 marks	Elective II – 5 <sup>th</sup> Paper 100 marks	Optional – II 100 marks
Compulsory English 100 Marks	Fundamentals of Computer – 100 Marks	a) Foundation Course – 50 marks b) Environmental Studies- 50 marks	(MIL / Alt. English)	Dissertation  – I  (Related to Core Subject)	Dissertation – II (Related to Core Subject)
Project – I (Group activity)	Project – II (Group activity)	Seminar/Assignment	Seminar/Assignment		

a) On successful completion of sixth semester, a student will be admitted in respective department of allotted core subject in the seventh semester.

#### The IMD Programme is offered in the following subjects:

English, Bengali, Hindi, History, Political Science, Philosophy, Economics, Mathematics, Statistics. **Core Subject:** 

- i) Any one of the following subjects may be chosen as core subject:
  - English, Bengali, Hindi, Economics, History, Political Science, Philosophy, Mathematics\*, Statistics\*, (\*Subject to approval by the academic Council)
- ii) In addition to the Core Subject, students are required to do Compulsory English, Alt. English / MIL\*, Fundamental of Computers, Foundation Course, Environmental Studies and Projects (Group Activity)
- iii) MIL: To choose one from Bengali, Hindi, Sanskrit

#### **Elective Papers**

In addition to the above the student is required to choose two elective subjects as per the combination given below:

SI. No	Core Subject	Elective Subject		
		Mathematics (Compulsory)		
1.	Economics			
		Philosophy, Education, Sociology,	Any one	
		Mathematics (Compulsory)		
2.	Statistics	Political Science, Economics, History,		
		Philosophy, Education, Sociology,	Any one	
3.	Mathematics	Political Science, History, Philosophy,		
		Sociology, Economics, Statistics,	Any two	
		Education,		
4.	English	Political Science, History, Philosophy,		
		Sociology, Education, Economics,	Any two	
5.	Bengali	History, Political Science, Education,		
		Philosophy, Sociology, Economics,	Any two	
6.	Hindi	Political Science, History, Philosophy,		
		Sociology, Education, Economics,	Any two	
7.	Political Science	ce History, Philosophy, Statistics, Sociology,		
		Education, Economics,	Any two	
8.	History	Political Science, Philosophy, Sociology,		
		Education, Economics,	Any two	
9.	Philosophy	Political Science, History, Sociology,		
		Education, Economics,	Any two	

## **Optional Papers**

From the following four (4) papers students are to opt two (2) papers in the 6<sup>th</sup> Semester.

- 1. NER studies
- 2. Human rights
- 3. Gender studies
- 4. Art and Aesthetics

Fee Structure

#### Existing Fee Structure per Semester of different courses offered in the TRIPURA UNIVERSITY (other than courses run in the affiliated Colleges)

		e							6. 1 .	
		Enrolment	Development	Tuition	Library	Laboratory	0.00		Students	
	Name of the Courses	fee	fee	fee	fee	fee	Sports	Exam.fee	W.Fund	Total(Rs.)
1	Master of Business Administration(MBA)	2000	500	15000	200	1000	50	1000	200	19950
2	M.Pharma	1000	500	6000	500	8750	50	1000	200	18000
3	M.Tech (EE) & (CSE)	1000	500	9000	200	1000	50	1000	200	12950
4	Master in Computer Application(MCA)	1000	500	6000	200	1000	50	1000	200	9950
5	BBA/BCA	500	300	6000	100	300	50	500	200	7950
6	MRMD/JMC	200	300	1200	100	300	50	400	200	2750
7	LLM	500	500	1200	250	300	50	500	200	3500
8	Master of Physical Education	200	200	600	100	250	50	400	200	2000
9	ARTS Subjects(Other than Economics)	100	100	600	100	N.A	50	300	200	1450
10	Economics / Commerce	100	100	600	100	100	50	300	200	1550
11	SCIENCE Subjects including Music & Fine Arts	100	100	600	100	100	50	400	200	1650
12	P.G. Diploma Courses	100	100	600	100	100	50	300	100	1450

13	Other Misc Fee-	Items.	(Rs.)
(a)	Back Paper Examination fee(Per Paper)	MBA,M.Tech and M.Pharm	200
		MCA, BCA and BBA	200
		For all other Courses	100
	Exam fee for Improvement of marks	One paper in each semester	100
(b)	Fine for Shortage of attendance (65% to <75%)	For all Courses.	100
(c)	Late Fine	For all courses	50
(d)	Identity Card		50
(e)	Prospectus cum Admission Form alongwith Fee for admission test for all courses	For General & OBC (for SC/ST/PWD)	500 300

		Normal(Rs.)	Urgent(Rs.)
(f)	Registration Fee	200	N.A
(g)	Migration fee	200	300
(h)	Cancellation of Migration	200	300
(i)	Duplicate Registration	200	300
(j)	Duplicate Migration	200	300
(k)	Review of Exam per paper	150	N.A
(1)	All provisional Certificate	150	300
(m)	Rank Certificate	150	300
(n)	Duplicate Fee Card	100	N.A
(h)	Duplicate Marksheet/ Certificate	200	300

# 14 P.G. Hostel Fee per Semester ( Rs.) Admission Fee per Semester 50 Seat Rent for five Months 500 Electricity & Other Charges 250 G.Total Rs. 800

15	RET Examination Fee	Rs.300
13	ILI Examination ree	113.300

16	Ph.D Course Fee(Break-up given below)	Rs.10000
	(a) Registration Fee-	2000
	(b) Public Seminer-	4000
	(c ) Thesis submission-	4000

## **COURSES OFFERED**

For the Admission in UG /PG Diploma / IMD / PG courses for Academic Session 2015 - 16, Tripura University is going to admit students in the following Program and subjects as mentioned in the table

Category of Programmes	Name of Programmes	Offering Department	Duration of Programme
Certificate Courses	<ol> <li>Kokborok Certificate Course.</li> <li>Mizo Certificate Course.</li> <li>Garo Certificate Course</li> <li>Functional Certificate Course</li> </ol>	<ol> <li>Centre for Tribal Languages</li> <li>Centre for Tribal Languages</li> <li>Centre for Tribal Languages</li> <li>Hindi</li> </ol>	Six Months Each (One Semester)
Undergraduate Programmes (UG)	1. Bachelor of Business Administration (BBA) 2. Bachelor of Computer Applications (BCA)	1. Business Management 2. Information Technology (IT)	Six Semesters each
Undergraduate Vocational Programmes(UG B.Voc)	Rubber Technology (RT)     Video Production (VP)	1. Chemistry 2. Journalism & Mass Comm. (JMC)	Six Semesters each
PG Diploma	1. BCRU 2. Kokborok 3. Tribal & Ethnic Studies	1. Botany 2. Centre for Tribal Languages 3. Social Exclusion & Inclusion Centre.	Two Semesters each
PG (MA)	Bengali	Bengali	Four Semesters
	English	English	Four Semesters
	Hindi	Hindi	Four Semesters
	Sanskrit	Sanskrit	Four Semesters
	Kokborok	Kokborok	Four Semesters
	History	History	Four Semesters
	Political Science	Political Science	Four Semesters
	Philosophy	Philosophy	Four Semesters
	Psychology	Psychology	Four Semesters
	Education	Education	Four Semesters
	Sociology	Sociology	Four Semesters
	Economics	Economics	Four Semesters
	MRMD	Rural Mang. & Devlopment	Four Semesters
	Journalism & Mass Comm.	Journalism & Mass Comm.	Four Semesters
Masters' in Music	M.Mus.	Music	Four Semesters
Masters' in Fine Arts	M.F.A	Fine Arts	Four Semesters
Masters' in Law	L.L.M	Law	Four Semesters
PG Business Mang.	MBA	Business Management.	Four Semesters
PG Commerce	M.Com	Commerce	Four Semesters
PG (M.Tech)	Electrical Engineering	Electrical Engineering	Four Semesters
(**************************************	Computer Science and Engg.	Computer Science and Engg.	Four Semesters
PG Pharmacy	M.Pharm	Pharmacy	Four Semesters
PG. IT	MCA	IT	Six Semesters
PG Science	Mathematics	Mathematics	Four Semesters
	Statistics	Statistics	Four Semesters
	Physics	Physics	Four Semesters
	Chemistry	Chemistry	Four Semesters
	Botany	Botany	Four Semesters
	Human Physiology	Human Physiology	Four Semesters
	Zoology	Zoology	Four Semesters
	Forestry & Bio diversity	Forestry & Bio diversity	Four Semesters
	Micro Biology	Micro Biology	Four Semesters
	Molecular Biology &	Molecular Biology &	Four Semesters