



UNIVERSITY OF SCIENCE & TECHNOLOGY, MEGHALAYA

Khanapara, Baridua, GS Road, 9th Mile, Ri-Bhoi

Ph.D. Information Brochure

Promoted By
**ERD FOUNDATION
GUWAHATI**



Schedule of Admission for Ph.D. : July 2019

Events	Tentative Dates
Last Date of submission of Application Form	25 th July, 2019
Date of Entrance Test	28 th July, 2019 (11:00 am)
Date of declaration of Entrance Test Result	30 th July, 2019
Date of Admission	3 rd August, 2019(11:00 am)
Venue of Entrance Examination	USTM Campus
Date of Commencement of Course Work	5 th August, 2019

Schedule of Admission for Ph.D. : January 2020 (Tentative)

Events	Tentative Dates
Last Date of submission of Application Form	24 th January, 2020
Date of Entrance Test	27 th January, 2020 (11:00 am)
Date of declaration of Entrance Test Result	29 th January, 2020
Date of Admission	1 st February, 2020 (11:00 am)
Venue of Entrance Examination	USTM Campus
Date of Commencement of Course Work	4 th February, 2020

IMPORTANT CONTACTS

Chancellor	: 0361 - 2235768	Vice-Chancellor	: 0361 - 2895033
Pro VC	: 0361 - 2895088	Registrar	: 0361 - 2895075
Counsellor	: 0361 - 2895030 (Campus Office)	Academic Registrar	: 098599 - 78137
	: 098540 - 90854 (City office)	Dy. Controller of Exam.	: 070023 - 03751
		Dy. Director (Research)	: 086380 - 51559

Helpline Number : 9508 444 000 / 0361-2895030 / 8876148687



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Chancellor Speaks



An University is the best place for Research and Development activities. Within a very short span of time, University of Science & Technology, Meghalaya (USTM) has achieved growth in length & breadth. At present, USTM is running seven schools of study viz. School of Applied Sciences; Biological Sciences; Business Sciences; Engineering & Technology; Social Sciences & Humanities; Education and Law. This University is trying the level best to focus on its main thrust area of cutting edge research works. Till date four scholars had successfully completed their research and been awarded with PhD Degree.

For putting more and more thrust on research, we have already entered into MoU with reputed Universities & Research Institutions such as JNU, Jamia Millia Islamia, Tezpur University, CSIR-NEIST, Gauhati University, NIT Silchar, University of Dhaka etc. for getting their expertise support.

The team USTM has charted out a roadmap. Under this, different milestones are set as – **Mission Bronze** : to become a top University in the East by 2020; **Mission Silver** : to become one of the top Universities in the Country by 2025 & **Mission Gold** : to become one of the World class Universities by 2030. These missions can only be realized if we try to excel in quality research works and will be known to the greater world by achieving something unique in this field.

I appeal to all the research aspirants to put their hundred percent effort in whatever field they choose and to bring out commendable and worthy results which must be beneficial to the society rather than only getting the highest degree for their personal growth.

Wishing all the best.

Mahbubul Hoque
Chancellor, USTM

Message from the Vice Chancellor

Doctor of Philosophy (Ph.D.) is the highest academic title awarded by Universities and Institutions. Ph.D. usually covers all the programs of the entire academic range. Research graduates are required not only to demonstrate the competence and mastery of the subject for examination, but also to give new academic contributions to a particular area of human knowledge through original research. Creating the best scholars who can think, innovate and invent with relevance to the society is the long term goal and all time driving force of USTM.



Students of this University are being taught and trained by experienced faculty and are exposed to the state of art laboratories. We are taking the research scholars in the areas under the supervision of experienced faculty members so that the scholars can get the opportunity to do the research in advance topics of interest with proper in depth study. The University also strictly monitors to complete the research work within the stipulated time frame.

Our country needs to invest in low cost innovative technologies. USTM calls upon teams of all disciplines to contribute towards this goal by encouraging the scholars to carry out their research on topics, which have social relevance in the long run. I invite young minds who have zeal to innovate for the benefits of society at large, to join this vibrant University.

Best wishes to all the aspirants and well wishers of this University.

P.K Goswami
Vice Chancellor, USTM

ERD FOUNDATION-GUWAHATI

The promoter of USTM

Education Research and Development Foundation (ERDF) is one of the largest & fastest growing educational network in the North Eastern region, catering education from KG to PG to Ph.D. Today, under ERDF group of institutions more than 5500 students are studying in various disciplines and around 650 human resources are engaged in the foundation. It was established in the year 2005 with the objective of promoting technological education, research and developing leadership thereby producing required quality manpower to uplift the region and accelerating the nation building process.



ERDF has today emerged as the premier educational network of NE India, successfully running Professional College namely Central IT College-Guwahati, under Assam Science & Technology University. ERDF also set up two Central Public Schools one at Patharkandi and the other at Badarpur in the Karimganj District, affiliated to CBSE, New Delhi. In the year 2009, ERDF started a state of the art Engineering College namely Regional Institute of Science & Technology approved by AICTE, New Delhi and affiliated to NEHU, Shillong.



One of the most ambitious projects of ERDF, the University of Science & Technology, Meghalaya (USTM), established in picturesque landscape surrounded by tranquil greenery in the Ri-Bhoi district of Meghalaya, came into being in 2011. Fakhruddin Ali Ahmed Centre for Coaching and Guidance (FACC) and "HOQUE 20" are other initiatives of ERD Foundation towards capacity building of our young graduates aspiring for IAS, GATE, NET & other competitive examinations conducted by UPSC and other government agencies. Khairun Nessa Begum Women's College (KBWC) is the latest step of the foundation for uplifting women empowerment specially for the downtrodden rural women which has commenced from the academic session 2015-16 at Badarpur affiliated to Assam University, Silchar.





Unveiling Excellence

ABOUT THE UNIVERSITY

.....USTM

The University of Science & Technology, Meghalaya (USTM) is the first State Private University on Science and Technology in the entire North East India, sponsored by ERD Foundation, Guwahati. The University is being established in four adjacent plots of more than 400 acres of picturesque landscape surrounded by tranquill greenery in Assam-Meghalaya border just one km from G S Road, Baridua, 9th mile, opposite to CRPF Camp, Ri-Bhoi District of Meghalaya. It is about 85 kms from Shillong, the Capital of Meghalaya and 6 kms from Dispur, the Capital of Assam. The campus is well connected by rail and air which is only 15 kms from Guwahati Railway Station and 48 kms from Guwahati International Airport.

The University has been established under the provisions of the University of Science and Technology, Meghalaya Act (No.6 of 2008) enacted by Legislative Assembly of Meghalaya and notified vide Gazette Notification No LL(B) 87/2008/21, dated 02.12.2008 of Government of Meghalaya. The University is empowered by the University Grants Commission, to award degrees as specified by the UGC under section 22 of the UGC Act, 1956. USTM has also received necessary approval from AICTE, New Delhi, BCI, NCTE, ERC, Bhubaneswar to run MBA, BALLB, LLB and B.Ed. courses respectively.

With more than two years of focused study on the educational needs of the region by leading Academicians, Scientists and a group of Vice Chancellors and educational administrators of the region, USTM has started its systematic academic process. The University is dedicated to the cause of high quality science and technology education and advanced research in frontier and cutting edge areas leading to the creation of a University where innovation, invention and entrepreneurship remain the cardinal focus and thrust. Facilities are being offered with this long term goal with special focus and thrust on the Science and Technology needs of this region. Creating the best graduates who can think, innovate and invent would remain the all time driving force of USTM. The University would direct all its efforts to create the needed Science and Technology manpower to foster relentlessly the economic and social development of the region in an inclusive manner.

USTM offers UG, PG and Ph.D courses under its different schools viz.

- School of Applied Sciences
- School of Biological Sciences
- School of Business Sciences
- School of Engineering & Technology
- School of Social Sciences & Humanities
- PQH School of Education
- University School of Law and Research

VISION:

"To become one of the premier Universities in the country by bringing together leading academicians, researchers entrepreneurs, thinkers, administrators, corporates and other stakeholders in an endeavor to synergize their expertise with a view to impart world class education exploring opportunities and talents of north east region, thereby, creating a centre of cutting edge research and societal development in order to play a significant part in the process of Building Scientific Temperament and a Knowledge Capital."

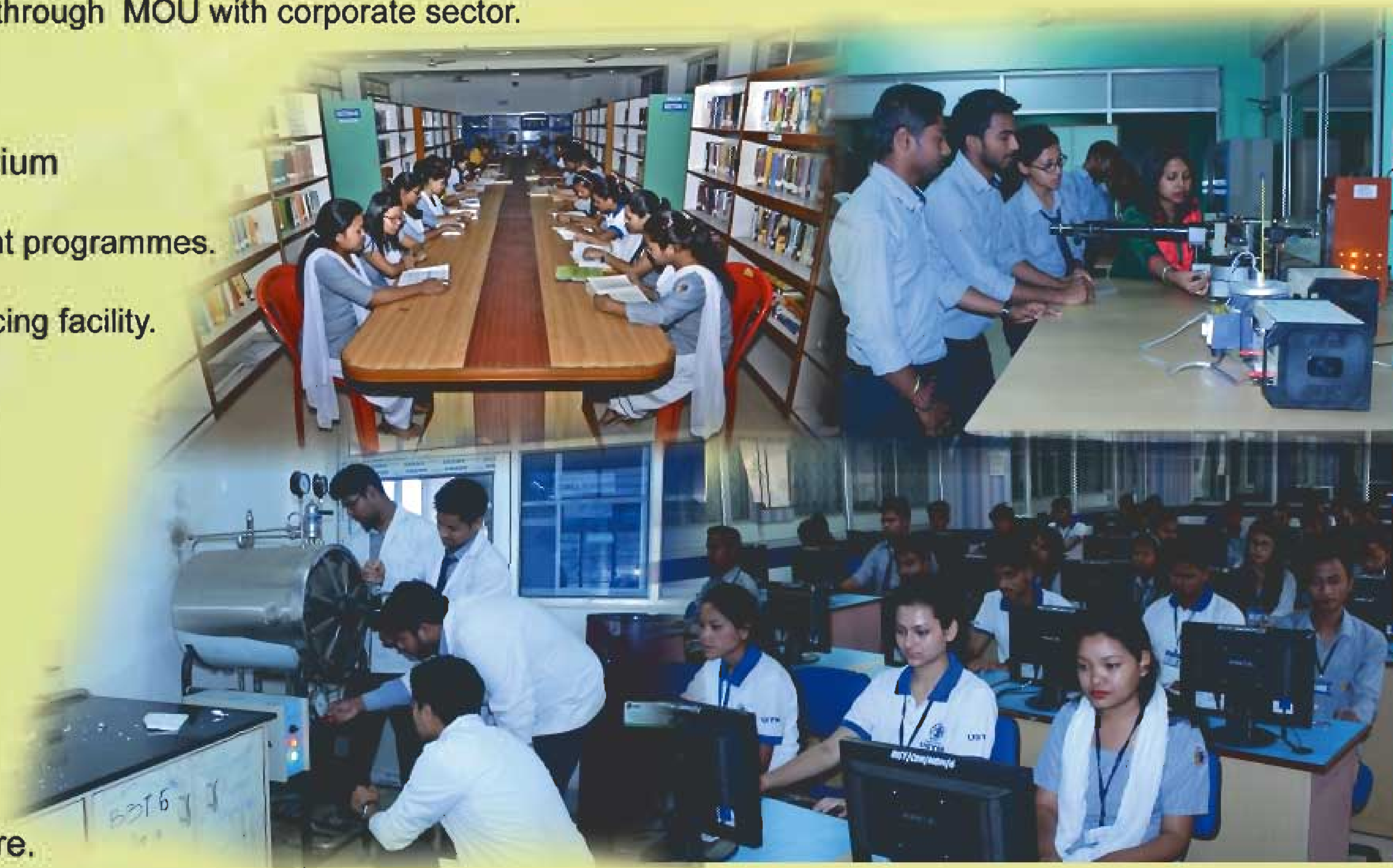
Mission :

- to empower the students to contribute to the societal development and also motivate them to accommodate themselves to the changing needs of the economy, accelerating nation building process;
- to explore opportunities and talents of NE Region to think globally and work locally;
- to facilitate advancement of knowledge and frontiers of technology to meet the changing needs of the Society;
- to support the University community in which all members can excel;
- to become catalysts in creating a think tank and common platform from time to time among academics, and researchers;
- to assist entrepreneurs, social workers, industrialist, performers and other stakeholders for achieving excellence in different need-based target oriented projects by integrating their expertises;
- to build a place of transformation for education, research and innovation with an analytical approach; and
- to produce thinkers, effective communicators, problem solvers, lifelong learners and ethical leaders.



UNIQUE FEATURES AT USTM

- ▶ A total built-up area of more than 3,50,000 sq ft area with state of art Classrooms and Tutorial rooms equipped with modern teaching learning aids to facilitate technology enabled learning.
- ▶ Computerized Central Library facility with an estimated volume growth of up to 50,000 books, journals and periodicals.
- ▶ Highly experienced, talented and energetic faculty and technical support staff.
- ▶ A strong Industry-R&D interaction through MOU with corporate sector.
- ▶ Well equipped Laboratories.
- ▶ 5000 Capacity Central Auditorium
- ▶ Extensive personality improvement programmes.
- ▶ Seminar Hall with Video Conferencing facility.
- ▶ Analytical instrumentation facility.
- ▶ In house publication cell.
- ▶ Canteen Facility.
- ▶ Amenity Centre.
- ▶ ATM Facility.
- ▶ Campus News
- ▶ Gymnasium cum Fitness centre.
- ▶ Dedicated Medical and Health Care Centre.
- ▶ Separate hostels for boys and girls with all modern amenities.



Admission Policy

How to obtain Application Form & Prospectus

a) Candidate seeking admission to any Ph.D. courses at University of Science & Technology(USTM), during the academic session January 2017 may obtain the prescribed Application form along with prospectus from the Administrative Office of university campus at 9th Mile, Kling Road (Opposite CRPF Gate No. 2), Baridua and City office at ERDF Bhawan, Sijubari Road, Guwahati-780038. The cost of the form & prospectus Rs 2000/-.

b) Candidate may download the form & prospectus from university website www.ustm.ac.in. Fee of the form may be paid at the time of submission of the form in cash or DD.

c) Application may be submitted online through the university website. The page will connect entranceform.com where candidate may fill up application form in different steps and payment of form may be paid through online.

d) The Application form & Prospectus may also be obtained by sending a crossed Demand Draft(DD) of any nationalized bank with amount of Rs.2075/ drawn in favour of "University of Science & Technology, Meghalaya" payable at Guwahati along with a self addressed envelope of 30 X 25 cm size. IPO/ Cheque/MO will not be accepted.

Submission of Application Form

The Complete filled up Application form along with self attested Xerox copy of all academic documents can be submitted to the Administrative office of the University at 9th Mile, Baridua or city office "ERD Foundation" located at Sijubari Road, Guwahati-780038. Candidates appearing in final year examination and waiting for result may also submit form provided they should submit the final marksheet & certificate at the time of admission.

Application may be sent by speed post/ general post/courier to campus office address as follows :
"The Registrar,
University of Science & Technology, Meghalaya
Technocity, 9th Mile, Kling Road, Baridua
Ri-Bhoi, Meghalaya-793101"

Admission

Admission will be based on the entrance Test & personal interview. The list of selected candidates will be given in the website and notice board of the university.



Fee Structure for Academic Session 2019 (B)

Sl. No	Name of Course	Admission Fee	Course Work Fee	Tuition Fee Per Semester	Caution Deposit (Refundable)
01	Ph.D. (Without Laboratory work)	60,000/-	5,000/-	55,000/-	10,000/-
02	Ph.D. (With Lab Work)	60,000/-	5,000/-	65,000/-	20,000/-

N.B. The Caution money is to be deposited at the time of Admission/ before commencement of course work.

Payment Schedule

Description	Date of Payment (July Batch, 2019)	Date of Payment (January Batch, 2020)
Admission Fee	On the day of Admission	On the day of Admission
1st Semester Fee	On or before 30 th October, 2019	On or before 30th March, 2020
2nd semester Fee	On or before 30 th March, 2020	On or before 30th August, 2020
3rd semester Fee	On or before 30th August, 2020	On or before 30th March, 2021
4th semester Fee	On or before 30th March, 2021	On or before 30th August, 2021
5th semester Fee	On or before 30th August, 2021	On or before 30th March, 2022
6th semester Fee	On or before 30th March, 2021	On or before 30th August, 2022
Thesis Examination Fee	35000/- (to be paid at the time of submission of thesis)	35000/- (to be paid at the time of submission of thesis)
Hostel Fee (Optional)	To be paid on or before 15th of each month	To be paid on or before 15th of each month
Bus Fee (Optional)	To be paid quarterly	To be paid quarterly

N.B. If semester fee is not paid before the last date of payment, the registration will be cancelled for the next semester. In such case, to continue next semester one has to get readmission by paying admission fee. If the tenure of research extends beyond 3 years, semester fee will be applicable for extended period up to submission of thesis.

HOSTEL & ACCOMMODATIONS

Homely accommodations are provided for boys with all the modern amenities within the campus and separate decent accommodation for girls are provided in the adjoining city habitats with regular transport facilities.

Hostel Fees

Sl.No	Hostel	Admission Fee (Non refundable)	Mess Per Month Fee
01	Male	8,000/-	7,500/-
02	Female	8,000/-	8,000/-
03	Couple With Kids	10,000/-	12,000/-



N.B.:

1. A relaxation of Rs. 2000/- per semester will be given on advance payment of hostel fee for six months.
2. Fees are subject to change from time to time.
3. No boarder will be allowed to leave the hostel before completion of one academic year.
4. Hostel dues will not be subsidized during vacations/ breaks.
5. Final seat allotment will be at the discretion of the Management and as per availability.
6. The hostel fees must be cleared on or before 20th every current month or fine will be imposed as per rule.



Highlights of Rules and Regulations for the Degree of Doctor of Philosophy

Introduction

Research at University of Science and Technology, Meghalaya aims to develop innovative solutions to the world's most daunting challenges. The university provides vibrant interdisciplinary research that will attract the best people from the country. This will creatively contribute in solving the economic, technological and social issues of the local as well as global human society. The university promotes active and vigorous leadership to the researchers in shaping their intellect for the achievement of common goals of humanity. For addressing needs of tomorrow, USTM's research efforts are enhanced through collaborations with leading research institutes and consortia around the world, where cutting-edge research is taking place.

Scholars seeking to pursue a doctorate degree will find a variety of specializations to choose from and qualified researchers to guide them. Scholars are encouraged to carry out interdisciplinary research under different schools. The research activities in the university are being performed in every academic frontiers and diverse fields in various schools. At present the School of Applied Sciences, School of Biological Sciences, School of Business Sciences, School of Engineering & Technology, School of Social Sciences & Humanities & Prof. Qoumrul Hoque School of Education provides facilities for quality research under renowned supervisors.



Regulatory Bodies

The Regulatory Bodies for Ph. D. Program are :

- (a) Academic Council (As per the University Act)
- (b) University Research Council (URC)
- (c) School Research Committee (SRC)
- (d) Departmental Research Committee (DRC)
- (e) Ph.D. Entrance Test Committee.

Eligibility for Ph.D. Admission

A Candidate intending to enroll him/ her for the Ph.D. degree shall have following minimum qualification

Master Degree in Science/Arts/ Business Administration/ Humanities/Commerce/Engineering with at least 55% marks or equivalent CGPA from any recognized university.

The duration of Ph.D. Programs

Duration of the Ph.D. Programme is minimum of 3 years up to a maximum of 6 years.

Notification for Ph.D. admission

The Controller of Examinations & Admissions, USTM, through advertisements published in regional newspapers and through the University official website, shall make notification for admission to the Ph.D. Programme. The notification shall be made on obtaining information from each department about the actual number of seats for the Ph.D. degree programme. The advertisement is usually released at least two months ahead from the date of admission. The notification shall include the (i) last date of submission of application form, (ii) date and time of holding the examination (iii) date of announcement of the result and (iv) date of admission

The application for admission shall be made in the prescribed format obtainable from the office of the Registrar, USTM or from the University Website (www.ustm.ac.in) on payment of prescribed fees. The notification and admission may take place twice in a year i.e. Jan-Feb and Jun-July.

Selection Procedures

The selection process to the Ph.D. programme at USTM shall include an Entrance Test (URET: University Research Entrance Test), followed by a Personal Interview to be conducted by the Ph.D. entrance test committee.

A written test shall be held as per notification circulated by the Controller of Examinations & Admissions, USTM. Each year the last date of holding the test shall be notified by the Controller of Examinations & Admissions. The written test shall be of 100 marks for a duration of two hours.

The question paper shall contain question from the post graduate course. The weightage of each course shall be determined by the respective Departments. The qualifying marks shall be 50%.

The student, who qualifies in the selection process, will be eligible for admission to Ph.D. Programmes of the University. Mere qualifying in the selection process does not give the right for admission. Actual admission will be subject to availability of seats in each course. However their names may be considered in the next session only once.

Admission of selected candidates

Candidates will furnish following documents during the time of admission:

- (a) Attested copies of all Mark Sheets/ Certificates
- (b) Four copies of passport sized colored photographs
- (c) No Objection Certificate (NOC) (if employed)
- (d) Prescribed admission fee in form of Cash/ Demand Draft drawn in favour of University of Science & Technology, Meghalaya , payable at Guwahati.

Orientation: Admitted students shall be required to attend the Orientation programme organized within 7 days from the Last Date of Admission .

Allocation of Guide: SRC in consultation with the HOD of the department concerned shall decide upon appropriate allocation of Guide to the respective candidates. Depending upon the nature of research work the SRC may recommend allocation of Co-Guide(s) to the candidate from amongst the recognized guides of relevant departments/ schools. The School Research Committee shall facilitate an interaction between the Guide and the Scholar within a stipulated period. In the event of a scholar pursuing the research programme on a topic with ramifications stretching to two or more disciplines he/she may apply to work under supervision of two guides not from the same discipline. The scholar in consultation with the guide/co-guide shall submit a concept note (within 500 words) within three months from the date of commencement of course work.



Course Work

All Admitted Candidate shall undergo a Course Work equivalent to a minimum of 24 credits. There will be four papers. Total marks in each paper shall be 100 (30 sessional and 70 end semester examination) (i) Paper I – Research methodology (as per UGC recommendation) (ii) Paper II- Computer Fundamentals. (iii) Paper III – On Recent Development in respective discipline (iv) Paper IV – On Thesis component of the concerned topic.

Sessional tests may be conducted as per the convenience of the respective departments. Candidate shall have to secure a minimum of 55% of marks in the Examination conducted to qualify in the course work examination. After successful completion of the Course Work by the candidate the Controller of Examination shall issue a Certificate indicating that the student has completed the course work and he/ she is qualified for proceeding with the research works.

Candidates who have passed full time M.Phil. degree with Course work from recognized university may be exempted from such course work.



A Ph.D. scholar will be eligible for provisional Registration after successful completion of the Ph.D. Course work. Candidate will be given maximum of three chances to clear the Course Work. For the candidates who required three chances will be allowed to pursue research work and his/her duration of final Registration may be extended by one year in addition to the present period with a fine.

A scholar failing to clear the paper (s) will be allowed to clear the paper (s) by appearing in three repeat examinations which will be held i) within 45 days from the date of declaration of the result and ii) by appearing in second repeat examination when the paper is offered in the subsequent regular course work examination. A candidate may apply for re-evaluation in a prescribed form along with an original mark sheet and necessary fee (Rs. 1000/-) per paper within 30 days from the date of the declaration of the result.

The CoE will engage an external examiner for the concerned subject to do the job and submit a report to the CoE for necessary action. The whole process shall be completed within 30 days from the date of receipt of the application along with payment of fees.

Scholars'-Guides' Meet

The university organises the Scholars'-Guides' Meet twice in a year (on the month of January and July) to review the activities/performances of the scholar and then planning for next course of action. The purpose of the meeting is to review the progress of the research work and to sort out any problem related to it and also suggestion/advice from the guides if any. In the same meeting, scholars may give their presentation as a part of six monthly progress reports.



Provisional Registration

On successful completion of the course works, the scholar will prepare the synopsis on the approved research area within the next semester (following the completion of course works) on the basis of review and critical analysis of available literature on the broad topic. The synopsis (5 hard copies) duly signed by the supervisor(s) shall be routed through DRC to SRC. The research scholar shall present the synopsis (After 15 days from the submission of synopsis/Research Proposal) before the DRC and defend it before an open seminar to be attended by all faculties, research scholars and post graduate students of the department. If found suitable, the SRC will recommend the scholar for provisional registration. In case of deficiency noted by SRC, the scholar shall be asked to revise Research Proposal under the guidance of supervisor within a specified time. The SRC may extend the time for registration by another semester on recommendation from DRC and with the approval from URC under special circumstances.

In case, the scholar fails to get the synopsis cleared by SRC even within the extended semester, he/she shall apply for extension of the normal duration of respective Ph.D. Programme. The grant of such extension shall be given by URC on recommendation from SRC. If the synopsis/Research Proposal is accepted by SRC, an acceptance letter will be issued to the scholar by the chairman of the SRC. A copy of the acceptance letter shall be forwarded to the Controller of Examinations and Admissions. After clearance of the Course Work Examination as well as acceptance of the synopsis/ Research Proposal by SRC, a provisional registration certificate will be issued to each scholar by Controller of Examinations and Admissions. From the date of this provisional registration, his/her research tenure will be counted and the research work should be started by the scholar. If any scholar is not able to clear the course work examinations/delay in submission synopsis/research proposal, his/her provisional registration will be delayed.

Participation

It is also advisable to attend/join all the events of USTM especially seminar/conference/workshop etc conducting during the events like NEGC, NCPC, NETC, JCPM etc. Due weightage/credit will be given to the scholar during evaluation process.

Progress Report

A provisionally registered scholar shall submit through his/her guide the progress report of his/her work. The report shall be submitted twice a year to the Controller of Examinations & Admissions through the concerned guide(s). If in two consecutive reports the progress of a scholar's research work is found to be unsatisfactory he/she shall be automatically deregistered from the programme. The progress of works for each scholar will be assessed at the end of each semester by the DRC. Scholar shall have to submit six monthly progress report (three hard copies) and power point presentation in front of DRC along with requisite semester fees. Scholar shall have to give such six monthly progress report at every end of the six months with a minimum of 4 (four) in number. Then the progress report will be sent to SRC for recommendation for grant of permission for enrolment of the scholar for the next semester. In case of any adverse comment on the progress report, the SRC will decide on the action to be taken. It is mandatory for each scholar to physically submit his progress report in each semester. His/her irregularity of submission of progress reports or semester fees may lead to cancellation of his/her registration. The scholar may also apply for discontinuation through Supervisor to the Dean of the School who will recommend the case to URC for a decision. If the scholar cannot give the presentation timely, an amount of Rs. 1000/- must be given as penalty.

For all the progress report presentations experienced experts from different reputed Universities shall be present.



Seminar/Workshop

A Ph.D. scholar is expected to attend nine national/international seminar/conferences and it is mandatory to attend at least six seminars to become eligible for final registration.

Publications :

A scholar must publish atleast two research papers in a referred journal (having good impact factor) during the Ph. D. programme before submission of the thesis acknowledging the University with the name of the guide as one of the author. He/she must produce the evidence of the same in the form of acceptance letter or the reprint of the research paper.

Modification of Title

A scholar may be allowed by the URC on the recommendation of DRC to modify his/her research title. During modification of the title, the basic thrust or contention of the research work should not be altered. In this case, a fresh feasibility report on the revised topic shall be necessary and the matter shall be processed through the DRC.

Presentation of Pre Thesis Submission:

After fourth progress report presentation, Scholar can apply for Pre thesis submission seminar. After 15 days from the submission of Application along with abstracts, the research scholar will be called for a power point presentation of the abstract before the SRC and defend it before an open seminar to be attended by all faculties, research scholars and post graduate students of the department.

After the acceptance of the abstract by the SRC, the Controller of Examinations & Admission will issue a certificate of Final Registration of title of the thesis to allow the scholar to write the thesis as per the format (Annexure I) to be issued with the certificate of final registration.

Empanelment of examiners shall be made by the respective supervisors during this period on receipt of recommendation from the SRC from the List of Examiners (at least 7 nos.) provided by the respective Supervisor(s). It is up to the discretion of the Supervisor(s) to take an examiner from outside the country with due permission from SRC. The abstract shall be submitted through DRC to SRC. Modifications/corrections, if suggested by SRC will be duly incorporated.

Submission of Thesis

The final form of complete research work (Ph.D. Thesis) shall be submitted after the abstract is approved by SRC along with Thesis Submission Fee as prescribed by competent authority time to time. Candidate shall submit six copies of his/ her thesis (soft binding) along with a soft copy in PDF format. The copies shall be bound in accordance with the standard specifications as per the direction of the supervisor(s). Thesis shall be printed in English. The thesis shall include a certificate from the supervisor(s) to the effect the results and findings incorporated into it have not been submitted to any other institutes for award of any degree or diploma. All the copies of the thesis shall be submitted to DRC through SRC for necessary actions.



Declaration of Result

The thesis shall be examined by 3 (three) examiners, i.e. the supervisor(s) as internal and two externals, one of which shall be from outside the state from the list. The viva will be conducted after receiving experts comments on the thesis. The VivaVoce will be conducted by a Committee comprising the DRC and a nominee from Vice Chancellor, Dean of School or his nominee and at least one examiner (out the two external examiners of the thesis). In addition to these members of the committee, the Chancellor will nominate one expert(Observer) to attend the presentation and give his views during the presentation and Viva Voce.

It shall be an open viva voce in which Faculty members, research scholars and interested students of the school concerned may be present. An open notice to be given in the university, with at least 15 days in advance. The attendance of all the participants present during the presentation must be taken as per the format given in Annexure and the same format may be used for other presentations like synopsis, progress report etc.

The Viva Voce committee shall forward its recommendation to Dean of the respective School for onward transmission to URC for approval and URC shall send the approval to Academic Council for ratification. In special circumstances, Vice Chancellor is empowered to take any decision to expedite any step of the evaluation/certification power. If any recommendation or modifications are given by the Expert(Observer) nominated by the Chancellor, it has to be corrected or modified as per recommendations of the Observer before the declaration of Result. Upon the ratification, the Controller of Examinations shall notify the result in the University Notice Board and upload it in the University website.

Depository with UGC

Following the successful completion of the evaluation process and announcement of the award of Ph.D., the Registrar/Controller of Examinations will submit a soft copy of the Ph.D. thesis to the UGC within a period of thirty days for hosting the same in INFLIBNET, accessible to all Institutions/Universities. Along with the degree, University shall issue a provisional Certificate certifying to the effect that the degree has been awarded in accordance with the provisions to the regulations of UGC.

News Paper publication

The scholar must publish the award of the Ph.D. degree in English daily published from Meghalaya and English daily published from the state where the scholar belongs to. The publicity and other cost will be borne by the scholar. The draft of the publication of the award will be prepared by the university research section with authentic data.



Research Scholars selected for Indian Council of Social Science Research (ICSSR) Fellowship



RIZUWANA SULTANA
(Ph.D-16B-225)



TARALI DAS
(Ph.D-16A-193)



LINU SARMA
(Ph.D-16B-240)

Ph.D Guide List

School of Applied Sciences

Sl No	Name of Guide/ Co-guide	Specialization
1.	Dr. Durlov Saikia 98646423771 E-mail: durlovsaikia13@gmail.com	Inorganic Chemistry
2.	Dr. A.K. Mishra 9854507603 E-mail: akmishra_gu@rediffmail.com	Physical Chemistry
3.	Dr. Anindita Bhattacharya 9435182995, E-mail: anindita_bhattacharya1@rediffmail.com	Environmental Science
4.	Dr Lalit Saikia 9864511436, E-Mail: lalit.s@iitg.ernet.in/ lalitsaikia@yahoo.com	Water Resources & Engineering
5.	Dr. Eahya Al Huda 9854357629 E-mail: ea.huda@gmail.com	Basin Hydrology
6.	Dr. Gitumani Sarma 7896338158 E-mail: gmani.sarma@gmail.com	Relativity
7.	Prof. Jnanashree Borah 8638976833 E-mail: jnanashree@rediffmail.com	Regional Planning
8.	Prof. Narayan Chetry 9435307125 E-mail: narayan.chetry@yahoo.in	Geoinformatics, Cartography
9.	Dr Sanchita Roy 9706016516 E-Mail: rsanchita1@gmail.com	Optoelectronics, Photonics
10.	Dr Swarup Jyoti Baishya 8812082996/ 8638201253 E-Mail: sbaishya08@gmail.com	Fluvial Geomorphology
11.	Dr Mayuri Devee 6001561545 E-Mail: daveemayuri@gmail.com	High Energy Physics

School of Business Sciences

Sl No	Name of Guide / Co-guide	Specialization
1.	Dr. Alaka Sarma 94350-49550 E-mail: alakasarma@gmail.com	Econometrics
2.	Dr. Amit Choudhury 9954705230 E-mail: amich1970@gmail.com	H.R, E-Learning, Business Administration
3.	Dr. Parbin Sultana 97075 00788 E-mail: drparbinsultana@gmail.com	Statistics
4.	Prof. Sujit Sikidar 9864138864 E-mail: sujitsikidar@gmail.com	Accountancy and Finance
5.	Dr. Sankar Thapa 9435565119 E-mail: sankarbhakta@yahoo.com	Accountancy & Finance
6.	Dr. Abdur Rashid 9436176518 E-mail: marashidmcomllb@gmail.com	Accountancy
7.	Dr. Polakshi Bhattacharyya 9864328350 polakshibb@gmail.com	Monetary Economics, Econometrics
8.	Dr Rashmi Baruah 9864070606 E-Mail: rashmichangkakoty@gmail.com	Human Resource Management
9.	Dr Ajjur Rahman 8761893359 E-Mail: Rahman_ajjur@rediffmail.com	Economics
10.	Dr Pranti Dutta 9401662310/ 8638130075 E-Mail: prantidutta12@gmail.com	Health Economics, Public Economics, Material Health
11.	Dr. Payel Choudhuri 9435568656 E-Mail: payelchoudhuri1@gmail.com	Consumer Acculturation, Internet Usage
12.	Dr. Mousumi Choudhury 9435568656 E-Mail: mousumi choudhury6@gmail.com	Bancassurance

School of Engineering & Technology

Sl No	Name of Guide / Co-guide	Specialization
1.	Dr. U.K. Sarma 9435318897	Circuit Design
2.	Dr. Prafulla Chandra Mahanta 9435040829 E-mail: mahantapcl@sify.com	Network Analysis
3.	Dr. H. K. Barua 9435052048 E-mail: rgthkb@rediffmail.com	Structural Engineering
4.	Dr. Anup Kumar Bordoloi 8638051559 E-mail: bordoloianup@gmail.com	Microwaves, Antenna Design
5.	Dr. Kanak Chandra Bora 8721907694 E-mail: boopborabora@yahoo.in	Data Mining, Graph Theory
6.	Dr. Bhairab Sarma Ph. No:9856224242 E-Mail: sarmabhairab@gmail.com	Natural Language Processing



School of Biological Sciences

Sl No	Name of Guide / Co-guide	Specialization
1.	Dr. R.K. Sharma 9435198818 E-mail: rabinksharma@yahoo.co.in	Medicinal and Aromatic Plants
2.	Dr. Bakhtiar Hussain 78962 27965 E-mail: bakhtiarhussain@rediffmail.com	Ecology and Wildlife Biology
3.	Dr. Ranee Das 99541 89393	Algology (Cytobacteria)
4.	Dr. Bhabananda Baruah 99541 11043 Email: bhabanandabaruah1@gmail.com	Taxonomy
5.	Dr. D. K. Sharma 9435147412 E-mail: dksgu@yahoo.co.uk	Cell Biology, Molecular Biology
6.	Dr. Pradip Kumar Baruah 9435309187 E-mail: pkbaruah10@yahoo.com	Plant Physiology
7.	Dr. Bulbul Acharjee 9854120928 E-mail: bulbulacharjee@yahoo.com	Fish & Fishery Science
8.	Dr. Milu Rani Das 8486399172 E-mail: miluranidas2007@rediffmail.com	Plant Physiology
9.	Dr. Prabal Sarkar 9435182995 E-mail: prabalsarkarindia@gmail.com	Wildlife, Ecology
10.	Dr. Sony Kumari 9706782348 E-mail: sonykumari15@yahoo.com/ sonykumari_15@yahoo.com	Biochemical, molecular Study ((Plant)
11.	Dr Jyotishman Deka 970795005 E-Mail: jyotishmandeka@gmail.com	Forest Geoinformatics & Ecology
12.	Dr. Mautushi Das 8876297014/ 9435256875 E-Mail: mushg@gmail.com	Plant Ecology

Prof. Qoumrul Hoque School of Education

Sl No	Name of Guide / Co-guide	Specialization
1.	Dr. Jonali Chetia 9435010953 E-mail: jonali_c@yahoo.com	Education-Teacher Effectiveness and Impact on Student's Achievement
2.	Dr. Saru Joshi 8133955811 E-mail: sarujoshi2013@gmail.com	Education – Sociology, Psychology
3.	Dr. Kunja Kusum Kakati Ph. No: 8822524785 E-Mail: kakotikunjakusum@gmail.com	School Education & Child Psychology

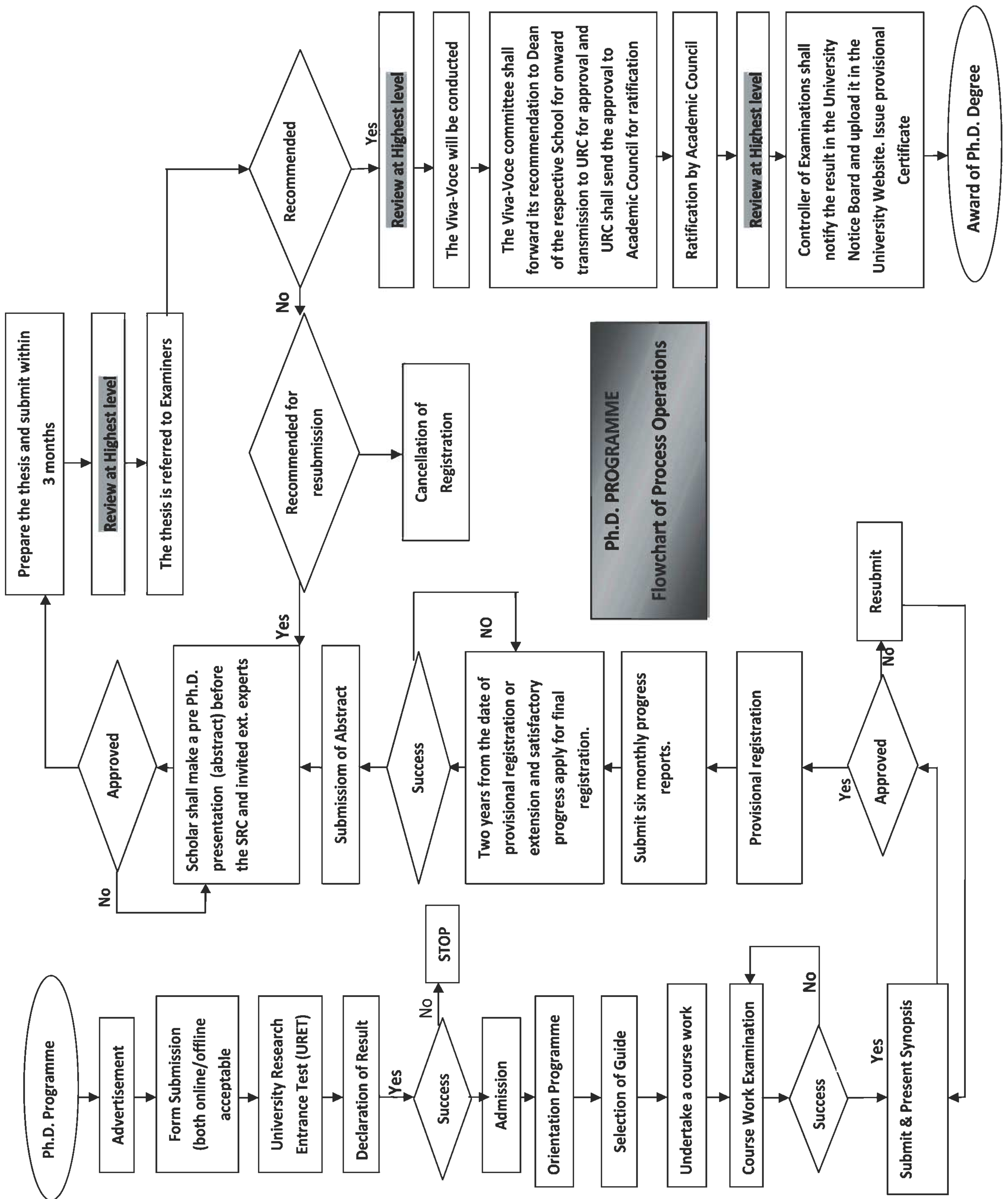


School of Social Sciences & Humanities

Sl No	Name of Guide / Co-guide	Specialization
1.	Prof. A. C. Talukdar 9435405484 E-mail: atultalukdar@yahoo.com	Panchayati Raj, Politics in North East India
2.	Dr. Pronab Kumar Barooah 9957562401 E-mail: pkbarooah@gmail.com	Library & Information Science
3.	Dr. Papiya Dutta 8473026143 E-mail: papiyadtt3@gmail.com	Rural Development
4.	Dr. Sandeep Gupta 9435260488 E-mail: sandeepguptas@hotmail.com	Sociology & Health
5.	Dr. Thagi Ram Gogoi 9435781444 E-mail: thagiramustm@gmail.com	Rural Society in Assam
6.	Dr Garima Kalita 9435013329 E-mail: garimakalita562gmail.com	English Literature
7.	Dr Nabarun Purkayastha 9401851854 E-mail: dr.npurkayastha@gmail.com	Tribal Studies, Tea Garden Labourers, Marginalized communities
8.	Dr Kughatoli V. Aye Ph. No: 9436429689 E-mail: aghatiaye@gmail.com	Migration and Social Change,
9.	Dr Bilash Ch. Das Ph. No: 9864142468 E-mail: bilashchandradas17@gmail.com	Indian Government and Politics, Public Administration
10.	Dr. Alpana Choudhury Ph. No: 99547 08001 E-mail: alpana.choudhury@rediffmail.com	Advertising, Public Relation
11.	Dr. Nazeer Hussain Ph. No: 9319560051 E-mail: nzhussain04@gmail.com	Socioeconomic Rights, Minorities Rights
12.	Dr. Jyotit Hazarika Ph. No: 8876348251/7002866061 E-mail: jyotithazarikagohpur@gmail.com	Public Administration, Welfare Administration
13.	Dr. Anirudha Kumar Baro Ph. No: 7002667077 E-mail: baroanirudha@gmail.com	Political Decentralization, Violence, Democracy



Ph.D flow chart



Memorandum of Understanding with

To initiate Research & Development activities, University of Science & Technology, Meghalaya has signed Memorandum of Understanding with several National and International Universities, Research Institutions & Organizations. The MoUs provides scope for research scholars of USTM to opt for Joint Supervision/Co-Guide from any these Institutions & Organisations. The following are the names of the institutions and universities with whom USTM has MoU's and collaboration.



USTM Signs MoU with University of Dhaka

A MoU has been signed between the University of Dhaka, Bangladesh (UDB) and the University of Science & Technology, Meghalaya (USTM) on May 12, 2016 at UDB campus. The MoU was signed by the Honorable Vice Chancellor Prof AAMS Arefin Siddique on behalf of University of Dhaka and Dr P G Rao on behalf of University of Science & Technology, Meghalaya, in presence of Shri Mahbubul Hoque, Chancellor, USTM & other high official of both the University

USTM Signs MoU with Jamia Millia Islamia, New Delhi

A MoU has been signed between Jamia Milia Islamia University, New Delhi (JMI) and the University of Science and Technology, Meghalaya (USTM). The MoU was signed by Prof. Talat Ahmad, Vice-Chancellor, JMI on behalf of Jamia Milia Islamia University and Shri Mahbubul Hoque, Chancellor, USTM, on behalf of University of Science and Technology, Meghalaya in the Office of the Vice Chancellor JMI, New Delhi on May, 5th 2016



USTM Signs MoU with Tezpur University

A MoU has been signed between Tezpur University and the University of Science and Technology, Meghalaya (USTM) on December 13, 2014. The MoU was signed by Prof. Amarjyoti Choudhury, Pro- Vice Chancellor, TU, on behalf Tezpur University and Dr P G Rao, Vice Chancellor, USTM, on behalf of University of Science and Technology, Meghalaya in presence of high officials of both the universities. Tezpur University recently begged the "Visitor's Best University Award" and ranked 5th among all Indian Universities in NIRF ranking by Ministry of HRD Govt. of India.

USTM Signs MoU with JNU, New Delhi

A MoU has been signed between Jawaharlal Nehru University (JNU) and the University of Science and Technology, Meghalaya (USTM) in New Delhi. The MoU was signed by Prof. S. K. Sopory, Vice-Chancellor, JNU, New Delhi on behalf of Jawaharlal Nehru University and Shri Mahbubul Hoque, Chancellor, USTM, on behalf of University of Science and Technology, Meghalaya in presence of high officials of JNU & Prof Akhtar Siddique, former Chairman, NCTE in the Office of the Vice-Chancellor, JNU on the 25th of January, 2016.



USTM Signs MoU with IIT-Gauhati

A MoU has been signed between IIT-Gauhati, and the University of Science and Technology, Meghalaya (USTM). The MoU was signed by Prof. Gautam Biswas, Director, IIT-Guwahati and Shri Mahbubul Hoque, Chancellor, USTM, on behalf of University of Science and Technology, Meghalaya in presence of faculties, High Officials of IIT-G & USTM on 3rd March, 2018.

USTM Signs MoU with Gauhati University

A MoU has been signed between Gauhati University (GU), the oldest state University in the North East region of India and the University of Science and Technology, Meghalaya (USTM). The MoU was signed by Dr. Mridul Hazarika, Vice-Chancellor, Gauhati University on behalf of Gauhati University and Shri Mahbubul Hoque, Chancellor, USTM, on behalf of University of Science and Technology, Meghalaya in the Office of the Registrar, Gauhati University on April, 7th 2016.



Memorandum of Understanding with

USTM Signs MoU with Aligarh Muslim University

MoU has been signed between Aligarh Muslim University (AMU), and the University of Science and Technology, Meghalaya (USTM). The MoU was signed by Prof. Tariq Mansoor, VC, AMU and Shri Mahbubul Hoque, Chancellor, USTM, on behalf of University of Science and Technology, Meghalaya in presence of faculties, High Officials of AMU & USTM on 15th October, 2018.



MoU Signing : Prof. Liaqat Ali, VC Bangladesh University of Health Sciences & Mr. M. Hoque, Chancellor USTM



Prof. Abdul Mannan, Chairman, UGC Bangladesh & Shri Mahbubul Hoque, Chancellor, USTM signing the MoU



MoU signed with Dr. A. C. Katoki, Director BBCL, Ghy and Dr. R.K. Sharma, Vice Chancellor, USTM



MoU Signing : Dr. S. Gangopadhyay, Director, CSIR-CRRI & Mr. M. Hoque, Chancellor, USTM.



MoU Signing : MoU signed with Dr. S. Sudhakar, Director, NESAC and Dr. R.K. Sharma, Pro Vice Chancellor, USTM



MoU Signing : Mr. M. Hoque, Chancellor USTM & Prof. N. V. Deshpande, Director of NIT, Silchar in presence of Dr. P. G. Rao, VC, USTM



MoU signed with CSIR-North East Institute of Science & Technology, Jorhat

Dr. A.P.J. Abdul Kalam at USTM



Dr. A.P.J. Abdul Kalam addressing College Principals at North East College Principal's Conclave at USTM

ISRO Chairman Shri A. S. Kiran Kumar at USTM



Shri A. S. Kiran Kumar addressing 1st Dr. APJ Abdul Kalam Memorial Lecture on India in Space at USTM.

Director of BARC, Mumbai Dr. B.S. Tomar at USTM



Dr. B.S. Tomar addressing 2nd Dr. APJ Abdul Kalam Memorial Lecture on Atoms in the Service of Mankind at USTM.

UGC Chairman of Bangladesh at USTM



Prof. Abdul Mannan addressing 3rd Dr. APJ Abdul Kalam Memorial Lecture on Dr. Kalam's Contribution in Igniting Global Minds at USTM.

UGC Chairman Prof. Ved Prakash at USTM



The Hon'ble Chairman of University Grants Commission, New Delhi, Prof Ved Prakash addressed the Vice-Chancellors of Central, State as well as Private Universities and Principal of few Prominent Colleges of North East Region at USTM on 11th March 2016.

Snap Shots

Guest, Dignitaries & Academicians



Shri Tathagata Roy
Hon'ble Governor of Meghalaya



Shri Jagdish Mukhi
Hon'ble Governor of Assam



Shri R.S. Mooshahary
Former Governor of Meghalaya



Sri Ganga Prasad,
Former Governor of Meghalaya



Dr. Najma Heptulla
Governor of Manipur



Shri P.B. Acharya
Former Governor of Nagaland



Shri Conrad K. Sangma
Hon'ble CM, Meghalaya



Prof. Abdul Mannan
UGC Chairman, Bangladesh



Dr. D.D. Lapang
Former CM, Meghalaya



Dr. Mukul Sangma
Former CM, Meghalaya



Dr. Donkumar Roy
Former CM, Meghalaya



Shri Tarun Gogoi
Former CM, Assam



Shri Kiren Rijiju
Union Minister of state for
Home Affairs



Shri Lakhmen Rymbui
Hon'ble Minister of Education &
Forenst, Meghalaya



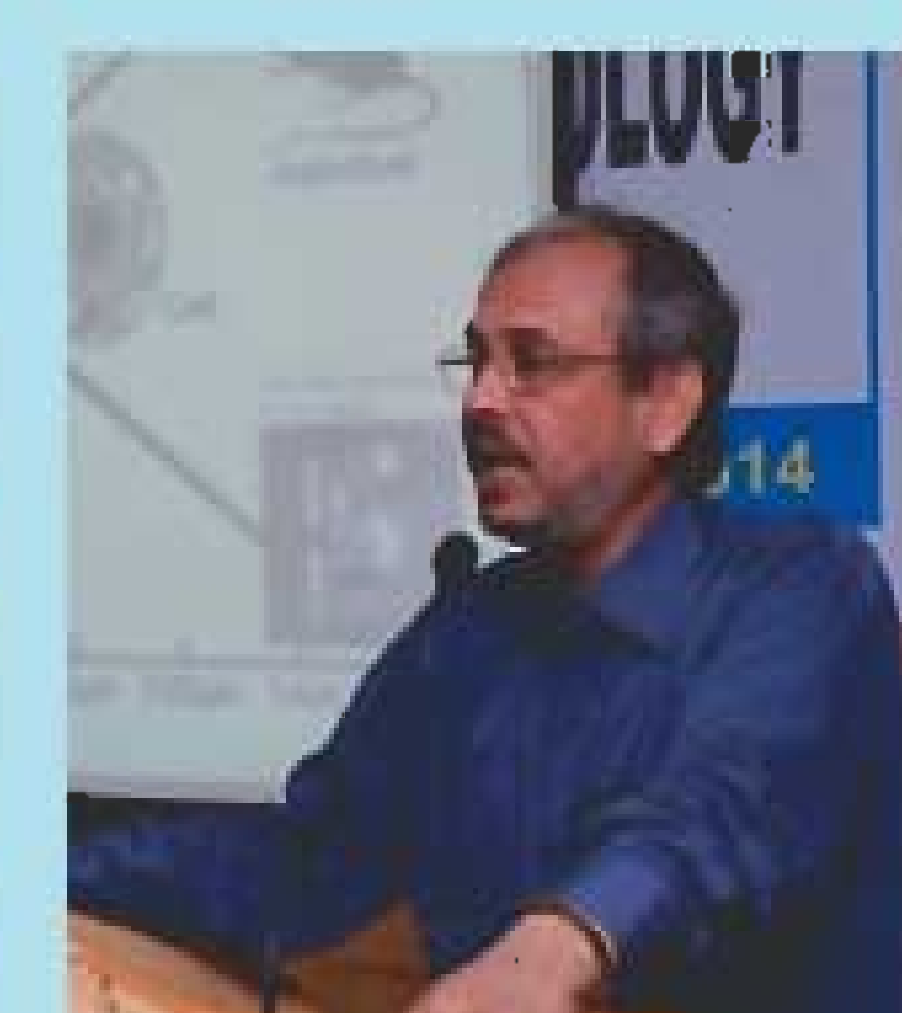
Shri Siddhartha Bhattacharya
Hon'ble Education
Minister of Assam



Prof. Mihir Kanti Chaudhuri
Ex-VC, Tezpur University



Dr. Mridul Hazarika
VC, Gauhati University



Prof. Gautam Biswas
Director, IIT-G



Prof. Talat Ahmad
VC, Jamia Millia Islamia



Prof. S.K. Sopory
Ex-VC, JNU, New Delhi



Dr. Dhruba J. Saikia
Ex-VC, Cotton College
State University



Prof. S.K. Srivastava
VC, NEHU, Shillong



Prof. M Jagadesh Kumar
Ex-VC, JNU



Prof. Gautam Barua
Director, IIIT-G



Dr. K. M. Bujarbarua
VC, Assam Agri. University



Prof. Bolin Kumar Konwar
Ex-VC, Nagaland University



Prof. Ashutosh Ghosh
VC, Calcutta University



Prof. A. K. Buragohain
Ex-VC, Dibrugarh University



Prof. Girish Ch Tripathi
Ex-VC, Banaras Hindu University



Lt. Gen Zameer Uddin Shah (retd)
Former VC, AMU

OUR APPROVALS



ज्ञान-विज्ञान विमुक्तये

UGC



AICTE
New Delhi



गुरुगुरुतमो धाम
NCTE



BCI



PCI



AIU

MEMBERSHIP

The Association
of Commonwealth
Universities

ACU

Memorandum of Understanding with



TEZPUR UNIVERSITY



JNU



**ALIGARH MUSLIM
UNIVERSITY**



GAUHATI UNIVERSITY



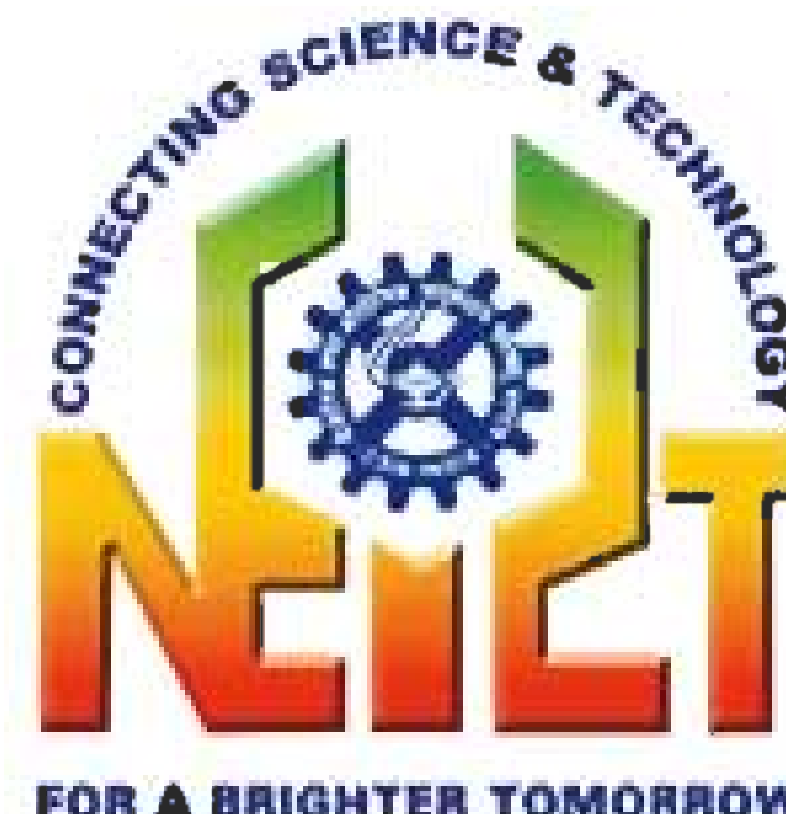
IIT, GUWAHATI



JAMIA MILLIA ISLAMIA



NIT, SILCHAR



CSIR-NEIST



CSIR-CRRI

NESAC
NORTH EASTERN SPACE
APPLICATIONS CENTRE

INTERNATIONAL COLLABORATION



UNIVERSITY OF DHAKA



**UNIVERSITAS NGURAH RAI
DENPASAR (UNR)-INDONESIA**



UGC, BANGLADESH



**SURINDRA RAJABHAT
UNIVERSITY, THAILAND**



**ANKARA YILDIRIM BEYAZIT UNIVERSITY
TURKEY**



**BANGLADESH UNIVERSITY
OF HEALTH SCIENCES (BUHS)**



USKUDAR UNIVERSITY



**SELÇUK
ÜNİVERSİTESİ**

Campus

Techno City, Khanapara, Kling Road, Baridua

9th Mile, Ri-Bhoi, Meghalaya-793101

Ph. 9508 444 000/0361-2895030

E-mail : ustm2011@gmail.com

Web : www.ustm.ac.in

City Office

ERD Foundation, ERDF Bhawan, Sijubari Road

Hatigaon, Guwahati-38

Ph. 0361-2235768/ 098540 - 90854

Web : www.erdf.edu.in

Information Office, Shillong :

Re-do-ria Complex, M.G. Road,

Near Meghalaya High Court, Shillong-793001

Ph. 098630-50400

