



तेजपुर विश्वविद्यालय / TEZPUR UNIVERSITY  
(संसद के अधिनियम द्वारा स्थापित केंद्रीय विश्वविद्यालय)  
(A Central University established by an Act of Parliament)

परीक्षा नियंत्रक का कार्यालय / OFFICE OF THE CONTROLLER OF EXAMINATIONS

तेजपुर - 784028 :: असम / TEZPUR - 784028 :: ASSAM

No. F.13-30/1 /2020(Acad)/529

Dated: 03.9.2021

## ADMISSION ANNOUNCEMENT

### (Ph. D. admission under ADF Scheme)

Applications are invited from eligible candidates for admission in Ph.D. under AICTE Doctoral Fellowship (ADF) Scheme in the School of Engineering, Tezpur University. The departments offering Ph.D. under ADF scheme are Civil Engineering, Computer Science and Engineering, Electronics and Communication Engineering, Electrical Engineering, Energy, Food Engineering and Technology and Mechanical Engineering.

**(1) Total number of fellowships:** 11 (eleven).

**(2) Amount of Fellowship:**

The Fellowship will be Rs. 31,000/- per month for the first two years followed by Rs. 35,000/- per month for the third year (on fulfillment of certain criteria). HRA will be provided as per the Government of India (GoI) norms as applicable. In addition, Contingency grant of Rs.15,000/- per annum will also be admissible.

**(3) Duration of Fellowship:**

The duration of the scheme shall be for a period of 3 Years. Normally, no further extension will be granted. In exceptional cases, the duration may be extended to another one year as a special case only on fulfilling certain criteria prescribed by AICTE.

**(4) Eligibility Criteria:**

The eligibility criteria for selection of the applicants for the award of fellowship is given below:

- The candidate must have secured the minimum percentage of educational qualification prescribed for eligibility as in Undergraduate and Postgraduate be 70% (69.5% and above) for General/OBC candidates, whereas for SC/ST/Physically Handicapped (PH) be 65% (64.5 % and above).
- In the absence of percentage, the candidate must have secured minimum cumulative grade point average (CGPA) of 7.5 on the scale of 10 or equivalent at both Bachelors and Masters whereas for SC/ST/Physically Handicapped (PH) it is 7.0 on the scale of 10 or equivalent at both at Bachelors and Masters.
- In the absence of both percentage and CGPA (10 scale), applicant must submit a certificate from competent authority highlighting the equivalent number in either percentage or in CGPA (10 scale). Failing to which may lead to the rejection of the application.
- The candidate should have qualified GATE/NET during the last 5 years.
- The minimum percentage criterion for the Indian students' qualified Bachelor/Master's degree from Foreign Universities shall be waived off but student will have to qualify through GATE exam during last 5 years.

- f) The students serving as faculty under TEQIP scheme will be given preference for admission in this program.
- g) The candidate should be less than 30 years of age as on date of admission in respective technical university. However, age relaxation of 5 years would be applicable to candidates belonging to SC/ST, women and physically challenged category in succession.
- h) AICTE supported ADF fellowship is not admissible to left out students, who have already availed the fellowship from AICTE, on his/her taking admission for the 2nd time in any other Technical University/Institutes.

#### **(5) Reservation Policy:**

The reservation policy of Government of India will be applied as adopted by the Tezpur University. Applicants applying under reserved categories must produce a valid certificate from competent authority as prescribed by GoI to consider his/her application in that category. In absence of a valid certificate the applicant will be considered in the unreserved category.

#### **(6) How to apply:**

Interested eligible candidates may [Apply Online](http://www.tezuadmissions.in) through the link: <http://www.tezuadmissions.in> by paying the application fee ( non- refundable) through Debit card / Credit card/ [Netbanking @Rs.800/- per](#) candidate (Rs.400/-for SC, ST and PWD candidates). **For any further queries, you may contact at the AICTE Cell, Tezpur University at email: “[tu\\_aicte\\_cell@tezu.ernet.in](mailto:tu_aicte_cell@tezu.ernet.in)” or contact number 9954835202.**

**(7) Admission Fees:** As per the Prospectus for Admission in Tezpur University 2021 (<https://www.tezuadmissions.in/public/notifications/2021/TU-Prospectus-Autumn-2021.pdf>)

#### **(8) List of Documents to be submitted:**

- (i) Proof of Age
- (ii) Marksheet of 10th Examination
- (iii) Marksheet of (10+2)th Examination
- (iv) Transcript of Undergraduate Degree (or all the Marksheets/Grade Cards of all the semester in one PDF file)
- (v) Certificate of Undergraduate Degree
- (vi) Transcript of Postgraduate Degree (or all the Marksheets/Grade Cards of all the semester in one PDF file)
- (vii) Certificate of Postgraduate Degree
- (ix) Proof of Qualifying GATE/NET in last five year
- (x) Category Certificate (as applicable)
- (xi) Copy of the Publications (Compiled in one PDF file)
- (xii) Experience Certificate

**(9) Important Dates:**

3 September 2021	Start Online Application
23 September 2021	Closing of Online Application
30 September 2021	Display list of Eligible candidates for Interview
06-08 October, 2021	Interviews at Respective Department (Online Mode)
15 October, 2021	Display of Merit and Waiting List Candidates
18-19 October, 2021	Confirmation of Seat by the Merit Candidates (by email to HoD of respective departments with SBI Collect Fee payment receipt)
22 October, 2021	Information to Waiting List Candidates about the Vacancy only if seats remain unfilled from the Merit List
25-26 October, 2021	Confirmation of seat by the Waiting List Candidate (by email to HoD of respective departments with SBI Collect Fee payment receipt) only if seats remain unfilled from the Merit List

*Sd/-Dr. L. Boral*  
*Controller of Examinations*

**Department-wise Supervisors and Research Areas**  
**School of Engineering, Tezpur University**  
**for ADF Scheme**

<b>Department of Civil Engineering</b>		
Serial No.	Name of the Supervisor	Research Areas
1	Professor Utpal Kumar Das	Geotechnical Engineering
2	Dr. Kamal Uddin Ahamad	Environmental Engineering
3	Dr. Ankurjyoti Saikia	Geotechnical Engineering
4	Dr. Shailen Deka	Geotechnical Engineering

<b>Department of Computer Science and Engineering</b>		
Serial No.	Name of the Supervisor	Research Areas
1	Professor Dilip Kumar Saikia	Networks, Mobile Computing
2	Professor D. K. Bhattacharyya	Bioinformatics and Network Security
3	Professor Smriti Kumar Sinha	Computational Linguistics, NLP
4	Professor Utpal Sharma	Natural Language Processing
5	Professor N. Sarma	Wireless Networks and Mobile Computing
6	Professor B. Borah	Data Mining, Image Processing
7	Professor. S. Saharia	Pattern Recognition
8	Dr. B. Nath	Data Mining
9	Dr. A. Karmakar	Algorithms
10	Dr. S. S. Satapathy	Computational Biology and Bioinformatics, Wireless Sensor Network
11	Dr. S. K. Deka	Cognitive Radio Network, Operating System
12	Dr. D. Boro	Network Security
13	Dr. S. I. Singh	Trust & Reputation, Machine Learning
14	Dr. Rosy Sarmah	Data Mining, Bioinformatics, Image Processing
15	Dr. Arindam Karmakar	Algorithms, Computational Geometry
16	Dr. Sanghamitra Nath	Speech Processing
17	Dr. Swarnajyoti Patra	Pattern Recognition, Machine Learning, Remote Sensing, Image Analysis
18	Dr. Shobhanjana Kalita	Knowledge Representation and Reasoning
19	Dr. N. Medhi	Software-Defined Networking

<b>Department of Electrical Engineering</b>		
Serial No.	Name of the Supervisor	Research Areas
1	Dr. Md. Rahat Mahboob	IoT based Health monitoring, Green technology: Electrical power generation using graphene through rain water, Sensors & Transducers Technology
2	Dr. Manashita Borah	Control systems, IoT, smart and sustainable energy, machine learning, and water purification control
3	Dr. Anish Ahmad	Power Electronics and Drives, Vehicular Electronics, Instrumentation and its Control, Control techniques in Power Electronics, Electric Vehicle/Hybrid Electric Vehicle and Microgrid

<b>Department of Electronics and Communication Engineering</b>		
Serial No.	Name of the Supervisor	Research Areas
1	Prof. Partha P. Sahu	Optical Networks and its Components, Clinical Instrumentation, Micro-fabrication, Quantum Technology
2	Prof. Jiten Ch.Dutta	Biosensors and Bioelectronics, Neurobioengineering
3	Prof. Satyajib Bhattacharyya	Microwave Antennas, Absorbing Materials
4	Prof. Santanu Sharma	Semiconductor Devices, Bioelectronic Devices, Vehicular Electronics, Power Electronics
5	Prof. Soumik Roy	Neuroengineering, Healthcare system, Hydroponics, Digital System Design, Intelligent Instrumentation
6	Prof. Bhabesh Deka	Signal/Image Processing, Computer Vision, Deep Learning for signal and image analysis
7	Prof. Vijay K. Nath	Image and video processing
8	Dr. Nayan M. Kakoty	Robotics, Biomedical Signal Processing
9	Dr. Deepika Hazarik	Image and Video Processing
10	Dr. Ratul K. Baruah	Flexible Electronics
11	Dr. Biplob Mondal	VLSI and MEMS Devices
12	Dr. Priyanka Kakoty	Intelligent Instrumentation
13	Dr. Rupam Goswami	Micro/Nano-electronics and VLSI, Bio/ Memristive Sensors, Charcoal Electronics

<b>Department of Energy</b>		
Serial No.	Name of the Supervisor	Research Areas
1	Professor D. C. Baruah	IoT based Energy planning and management, Energy Environment Interaction
2	Professor D. Deka	Biofuel
3	Professor R. Kataki	Bioenergy
4	Dr. S Mahapatra	Energy Management
5	Dr. P K Choudhury	Green Technologies, Energy Efficiency, Renewable and sustainable Energy, Electric and Hybrid Mobility, Internet of Things (IoT)
6	Dr. B. K. Kakati	Energy Production and Storage, Energy Efficiency, Renewable and sustainable Energy, Electric and Hybrid Mobility
7	Dr. N. Sarmah	Photovoltaics, Solar Energy, Hybrid Energy
8	Dr. V. Verma	Thermal Energy

<b>Department of Food Engineering and Technology</b>		
Serial No.	Name of the Supervisor	Research Areas
1	Prof. Charu Lata Mahanta	Rice Science and Technology, Product Development and Food Quality
2	Prof. Sankar Ch. Deka	Food Biochemistry and Food Quality, Fermented Foods
3	Prof. Manuj Kumar Hazarika	Food Materials Engineering, Food Industrial Engineering, Food Design.

4	Prof. Brijesh Srivastava	Emerging Non-Thermal Processing; Process & Food Engineering, Food, Rheology; Fruits & Vegetable Processing and Machineries, Hurdle Technology
5	Prof. Nandan Sit	Food Engineering, Biochemical Engineering, Food Biotechnology
6	Dr. Poonam Mishra	Food fortification using novel technology, Development of colorimetric sensor for food analysis
7	Dr. Laxmikant S. Badwaik	Food Packaging, Food Safety and Laws, Food Processing Waste Utilization
8	Dr. Amit Baran Das	Food Process Modeling, Food Rheology, Functional Food and Biopolymer, Food Extrusion
9	Dr. Nishant Rachayya Swami Hulle	Food Process Technology, Non-Thermal Processing, Product Development.

<b>Department of Mechanical Engineering</b>		
Serial No.	Name of the Supervisor	Research Areas
1	Prof. Tapan Kr. Gogoi	Transient modeling and analysis of energy efficient thermal power generation systems, Thermodynamic modeling, analysis and optimization of solar hybrid and efficient energy generation systems
2	Prof. Dilip Datta	Design/Optimization/Operational Research (particularly, development of optimization algorithms and their applications to engineering problems, preferably multi-objective combinatorial optimization problems)
3	Prof. Partha Pratim Dutta	Energy Efficiency, Renewable and sustainable Energy, Water purification, conservation and management, Energy Production and Storage, Electric and Hybrid Mobility, Green Technologies
4	Dr. Paragmoni Kalita	CFD analysis of hypersonic turbulent flows over aerodynamic bodies applicable to Indian defence applications
5	Dr. Polash Pratim Dutta	CAD-CAM, 3D Printing, Finite Element Method, Precision Manufacturing , Mechatronics, AI based system Design, Soft Computing
6	Dr. Sushen Kirtania	Conventional and natural fiber-reinforced composites, CNT and graphene-based nanocomposites, and hybrid nanocomposites.
7	Dr. Sanjib Banerjee	Materials Engineering and Manufacturing, Microalloying, Thermo-Mechanical Processing, Microstructural Characterization, Mechanical Metallurgy, Failure Analysis, Tribology, Creep and High Temperature Deformation Behavior, Computational Material Science
8	Dr. Monoj Bardalai	Thermal Engineering, Renewal EnergyConversion
9	Dr. Satadru Kashyap	Manufacturing and Materials Science
10	Dr. Zahnpriya Kalita	Mechatronics
11	Dr. Seikh Mustafa Kamal	Autofrettage, Plasticity, Stress analysis, Strengthening gun barrels for defence application, fracture of rotating components.

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