



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)/ 1561

Dated: 9.1.23

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, Energy, Mechanical Engineering and Food Engineering and Technology.

(1) Total number of fellowships: 03 (three). 02 in OBC-NCL category and 01 in EWS category

(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 a minimum of 70% (69.5% and above) marks for General/OBC candidates and 65% (64.5 % and above) marks for SC/ST/PWD candidates in Undergraduate and Postgraduate programme.
- In absence of percentage, the candidate must have secured minimum cumulative grade point average (CGPA) of 7.5 in the 10 point scale or equivalent at both Bachelors and Masters (for SC/ST/PWD it is 7.0 in the 10 point scale or equivalent at both at Bachelors and Masters).
- In absence of both percentage and CGPA in point 10 scale, applicant must submit a certificate from competent authority highlighting the equivalent number in either percentage or in CGPA in point 10 scale, failing which the application may be rejected.
- 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.
- The candidates serving as faculty under TEQIP scheme will be given preference for admission in this program.

- g) The candidate must 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 applicable. 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 candidates may Apply Online in the Admission portal of Tezpur University 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" or contact number 9954835202.

(7) Admission Fees: As per the information brochure, Tezpur University Admission – 2022

(http://www.tezu.ernet.in/admissions2022/pdf/Admission-Information-TUEE-2022-13th_June.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, if any.

(9) Important Dates:

11 January 2023	Closing of Online Application
13 January 2023	Display list of Eligible candidates for Interview (Tezpur University Website)

Admission to be completed by 15th January, 2023 (online).

Sd/- Prof. S. C. Deka
Controller of Examinations

Department-wise Research Areas

School of Engineering, Tezpur University for ADF Scheme

Department of Civil Engineering
Geotechnical Engineering
Environmental Engineering
Geotechnical Engineering
Geotechnical Engineering
Transportation Engineering
Geotechnical Engineering

Department of Computer Science and Engineering
Networks, Mobile Computing
Data Mining, Network Security, Bioinformatics
Workflow Automation, Web Theory
Natural Language Processing
Wireless Networks and Mobile Computing
Data Mining, Image Processing
Pattern Recognition
Data Mining
Computational Biology and Bioinformatics, Wireless Sensor Network
Cognitive Radio Network, Operating System
Network Security
Service Oriented Systems, Trust and Reputation
Data Mining, Bioinformatics, Image Processing
Algorithms, Computational Geometry
Speech Processing
Pattern Recognition, Machine Learning, Remote Sensing, Image Analysis
Knowledge Representation and Reasoning
Software Defined Networking, Wireless Networks, Network Security, Cloud Computing, Web Technologies

Department of Electronics and Communication Engineering
Optical Networks and its Components, Clinical Instrumentation, Micro-fabrication, Quantum Technology
Biosensors and Bioelectronics, Neurobioengineering
Microwave Antennas, Absorbing Materials
Semiconductor Devices, Bioelectronic Devices, Vehicular Electronics, Power Electronics
Neuroengineering, Healthcare system, Hydroponics, Digital System Design, Intelligent Instrumentation
Signal/Image Processing, Computer Vision, Deep Learning for signal and image analysis
Image Processing, Computer Vision, Pattern Recognition, Deep Learning
Robotics, Biomedical Signal Processing
Image and Video Processing
Nanoelectronics, Biosensors, Flexible Electronics.
VLSI and MEMS Devices
Sensor and Nanotechnology
Micro/Nano-electronics and VLSI, Bio/ Memristive Sensors, Charcoal Electronics

Department of Energy
Renewable Energy and Energy Management
Biofuels, Catalytic transformation of biomass to biofuel and chemical, Bioenergy and Environment
Biomass and Bioenergy, Biofuels, Energy Environment interaction
Biomass Gasification, Climate Responsive Buildings, Decentralized Energy Options, Energy Conservation.
Energy Conservation and Management, Integration of Renewable Energy Systems.
Fuel Cell, Hydrogen Technology and Redox Flow Battery, Graphene, Nanocatalyst.
Solar Energy, Photovoltaic, Energy Systems
Thermal Engineering, Solar Thermal Energy, Heat Transfer

Department of Food Engineering and Technology
Rice Science and Technology, Product Development and Food Quality
Food Biochemistry and Food Quality, Fermented Foods
Food Materials Engineering, Food Industrial Engineering, Food Design.
Emerging non-thermal processing, Fruits & Vegetable Processing and Machineries, Food Rheology, Hurdle Technology
Food Engineering, Biochemical Engineering, Food Biotechnology
Nano Composite, Fruits, and Vegetable Technology, Function Food, Biosensors.
Food Packaging, Food Safety and Laws, Food Processing Waste Utilization
Food Process Modeling, Food Rheology, Functional Food and Biopolymer, Food Extrusion
Food Process Technology, Non-Thermal Processing, Product Development.

Department of Mechanical Engineering
Thermodynamic modeling, simulation and analysis of multi-generation and solar hybrid systems
Design, Optimization and Operational Research
Renewable energy and Drying Technology
Computational Fluid Dynamics, High speed flows
CAD, Laser Forming, Mechatronics, Soft Computing
Composite Materials, Carbon Nanotubes, Carbon Nanotubes Based Composites, Finite Element Method, Fracture Mechanics
Materials and Manufacturing
Thermal Engineering, Renewal Energy Conversion
Mechatronics
Machine Design

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