

INFORMATION BROCHURE-JANUARY 2025

FOR ADMISSION INTO Ph.D PROGRAMMES, JANUARY 2025

(Only with valid NET/GATE Score)



DEEMED TO BE UNIVERSITY UNDER MoE, GOVT. OF INDIA)
KOKRAJHAR :: BTR :: ASSAM :: INDIA, PIN – 783370

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1. IMPORTANT DATES

Event	Date
Submission of online application commences on	03 rd December 2024
Last date of submission of online Application form	31 st December 2024
Date of Personal Interview	03 rd January 2025
Date of declaration of results	04 th January 2025
Date of admission and commencement of classes	06 th January 2025

2. DETAILS OF DEPARTMENTAL RESEARCH AREAS

The detailed list of specific research areas for Ph. D Programme in various departments are-

Department	Areas of Research
Civil Engineering	Water Resources & Hydropower Engineering, Structural Engineering, Geotechnical & Geoenvironmental Engineering, Ground Improvement, Sustainable building Materials. Environmental Engineering (Solid Waste Management, Wastewater Management), Soil Liquefaction Analysis, Seismic Microzonation.
Electronics and Communication Engineering	VLSI Circuit Design, Computational Nanoelectronics, Microstrip patch antenna, microwave filter, Frequency selective surfaces, Nanomaterial synthesis, characterization and fabrication of sensor device based on nanocomposite.
Instrumentation Engineering	Instrumentation and measurements, sensor applications, and renewable energy, Machine learning, AI, PID design, system stability, automata design, performance assessment, and solar energy optimization, Mechatronics, Industrial Automation, Control System, Brain Computer Interfacing, Assistive Devices, Biomedical Signal Analysis, Signal Processing, IoT-based system design.

Computer Science & Engineering	Satellite Image processing, Computer Vision, Data Mining, Machine Learning, Natural Language Processing, Corpus linguistic, Data Science, Machine / Deep learning.
Food Engineering and Technology	Sustainable Food Packaging and Preservation, Valorization of Food waste and Management, Design and development of agricultural machinery, Thermal and Non-thermal processing of Foods, Rice science and Starch modification, Utilization of unexplored plants, Biosensor for Food Safety, Functional Food and Nutraceuticals
Mechanical Engineering	Anaerobic digestion, Biochar, Solar PV/T
Physics	Ferromagnetic Heusler alloys.
Chemistry	Heterogeneous Catalysis, Porous Materials, Green Materials, Nano-composite Materials, Waste management, Photocatalysis, Fine Chemicals, Platform/Intermediate Chemicals, Dye degradation, Biofuel, Synthesis of Inorganic Metal Complexes and their applications, Computational Studies On Molecular Structure, Conformation, Weak Interactions, Metal Complexes of Bioactive Molecules.
Mathematics	Plasma physics, Fluid Dynamics, Number Theory, Neutrosophic Sets and Logics, Fuzzy Mathematics, Topology, Mathematics Education
Humanities and Social Sciences	Economics, Entrepreneurship Development

3. ELIGIBILITY CRITERIA FOR Ph.D PROGRAMME

For admission to the Ph.D. Program in Engineering Departments, a candidate must satisfy the following criteria:

- (a) Master's degree in the relevant field of Engineering/Technology/Design/Science/ Humanities and Social Science, with at least 55% marks in aggregate or its equivalent grade 'B' in the UGC 7-point scale (or an equivalent grade in a point scale wherever grading system is followed) or an equivalent degree from a foreign educational Institution accredited by an Assessment and Accreditation Agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country for the purpose of assessing, accrediting or assuring quality and standards of educational institutions
- (b) A relaxation of 5% of marks, from 55% to 50%, or an equivalent relaxation of grade, for those belonging to SC/ST/OBC (non-creamy layer)/Differently-Abled and other categories of candidates as per the decision of the UGC from time to time, or for those who had obtained their Master's degree prior to 19th September, 1991.

4. RESERVATION POLICY: As per Institute rules.

5. SELECTION PROCESS

Applications of the candidates which are complete in all respects are considered valid. Selections for PhD programmes shall be based on the valid NET/GATE Score and performance of candidates in the personal interview conducted by the respective Department of the Institute.

6. HOW TO APPLY

ONLINE MODE ONLY: Candidates may fill out the application form through our online portal by visiting the website: <http://admission.cit.ac.in> or <https://admission.cit.ac.in/>. Before completing the submission of the Online Application Form, candidates are advised to go through the instructions carefully. Candidates need to print and retain a hard copy of the online application form for their reference.

7. APPLICATION & PROCESSING FEE (NON-REFUNDABLE)

The Application & processing Fee is given below-

Programme	Application Form Fee
Ph.D	₹1500/- (₹750/- for SC/ST/PWD)

8. IMPORTANT INFORMATION

- Candidates should not send any photocopy of the certificates except the certificate claiming the reservation category (Caste Certificate/PWD certificate) in case he/she belongs to any.
- The candidate must select the correct option (wherever applicable) and mention the appropriate Code and Code name for the Region of Permanent Residence. The selection list will be prepared based on the region of Permanent Residence and in case the candidate intentionally or unintentionally chooses the wrong option, his/her seat may be forfeited during counseling.

9. DECLARATION OF RESULT

The results and selected list will be available on the Notice Board of the Institute and the Institute website. The candidates may also log on to the CIT website: www.cit.ac.in to check their result.

10. FEE STRUCTURE

The summary of the fee structure for fresh admission into Ph.D programme of the institute is as given below-

Programme	Category	Admission Fee	Hostel Admission Fee	Mess Fee (for ONE semester)
Ph.D	GE/OBC	21500.00	11000.00	12500.00
	SC/ST/PWD	19000.00	11000.00	12500.00

CONTACT DETAILS:

MEMBER SECRETARY
ADMISSION CELL, CIT KOKRAJHAR
CONTACT NO: 7086187124/9365031406
Website: <https://admission.cit.ac.in/>