



राष्ट्रीय प्रौद्योगिकी संस्थान मिजोरम
NATIONAL INSTITUTE OF TECHNOLOGY MIZORAM
(An Institute of National Importance under Ministry of HRD, Govt. of India)
CHALTLANG, AIZAWL, MIZORAM - 796012

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Ref.No.:NITMZ/ACAD(7)/Ph.D/2020 (Even)/1218

Date:27/01/2021

Admission into Ph.D. Program (2020-21 Even Semester)

Applications are invited for admission into Ph.D. program in the following departments (Feb – June 2021 session):

Sl No.	Name of the Department	PhD category	Specialization/Area
1.	Civil Engg.	Full-Time (Sponsored/ Self-financed) Part-Time	Structural Engineering, Geotechnical Engineering, Environmental Engineering, hydraulics and Water Resources Engineering, Transportation Engineering
2.	Computer Science & Engg.	Full-Time (Sponsored/ Self-financed) Part-Time	Data mining, information retrieval, computational Biology, Machine learning, Deep learning.
3.	Electronics & Communication Engg.	Full-Time (Regular/ Sponsored/ Self-financed) Part-Time	Microwave Communication, Microwave Devices, Communication.
		Full-Time (Sponsored/ Self-financed) Part-Time	Nanoelectronics, Semiconductor Devices, Nanomaterials, Optoelectronic devices, bio-electronics, system design, nano-device characterization. Microwave signal processing, High frequency solid state devices, Antenna and metamaterials Adhoc communication networks, mobile networks, microwave imaging.
4.	Electrical & Electronics Engg.	Full-Time (Sponsored/ Self-financed) Part-Time	Power Electronics & Machine Drives, Power System, High Voltage.
5.	Mechanical Engg.	Full-Time (Sponsored/ Self-financed) Part-Time	Fluid and Thermal Engineering.
6.	Basic Sciences & HSS		
i)	Physics	Full-Time (Regular / Sponsored/ Self-	Material Science

		financed) Part-Time	
ii)	Chemistry	Full-Time (Sponsored/ Self-financed) Part-Time	Colloids, Surfactants, Amphiphilic drugs, Catalysis, Nanomaterials.
iii)	Mathematics	Full-Time (Regular)	Vector Optimization, Fuzzy optimization, stochastic optimization, nonsmooth optimization, fractional differential equations
		Full-Time (Sponsored/ Self-financed) Part-Time	Fluid Dynamics, Vector Optimization, Fuzzy optimization, stochastic optimization, nonsmooth optimization, fractional differential equations
iv)	English	Full-Time (Sponsored/ Self-financed) Part-Time	Indian writing in English, Dalit Literature, Ecofeminism, Regional Literature, Post-colonial writings, Cultural Studies, Gender Studies, Popular Culture

Eligibility Criteria:

Ph.D. in Engineering:

Masters Degree in the area of Engineering/Technology from a recognized University/ Institute with a minimum CGPA of 6.5 in 10 point scale or 60 % of marks in the qualifying examinations. GATE score is compulsory for Full Time Regular candidate.

OR

Bachelor's degree in Engineering/Technology in a relevant area with a minimum CGPA of 7.5 or 70% of marks and with a valid GATE score.

Ph.D. in Science (Physics/Chemistry/Mathematics):

Master's degree in the area of Physics/Chemistry/Mathematics from a recognized University/ Institute with a minimum CGPA of 6.5 in 10 point scale or 60 % of marks in the qualifying examinations and qualify the NET/GATE. NET/GATE shall not be compulsory for Sponsored, Self-Financed, Project-Staff and Part-Time categories. No Institute scholarship to be awarded for these type of students.

Ph.D. in HSS (English/Economics):

Master's degree English/Economics from a Recognized University/Institute with a minimum CGPA of 6.0 in 10 point scale or 55% marks in the qualifying examinations and qualify the NET. NET shall not be compulsory for Sponsored, Self-Financed, Project-Staff and Part-Time categories. No Institute scholarship to be awarded for these type of students.

**For SC/ST candidates, there is a relaxation of 0.5 CGPA or 5% of marks.*

**Conversion from CGPA to percentage or vice-versa shall not be allowed.*

CATEGORIES OF Ph.D. STUDENTS

The Institute admits Ph.D. students under the following categories. However, admission with respect to this advertisement will be held for the advertised categories only.

2.1. Full-time:

(i) Regular: He/she receives assistantship from the Institute or fellowship from any recognized funding agency depending on GATE/NET(UGC/CSIR)/other qualification.

(ii) Sponsored: He/She is sponsored by a recognized R&D organization/Institute/ Industry etc. for doing research but gets no fellowship from the Institute.

(iii) Self-financed: He/ She works full time for the Degree but gets no fellowship from the Institute.

(iv) Project-Staff: He/ She gets fellowship from the Sponsored project, works full time for the degree and on completion of the project before the award of the degree, the category will be changed to Self-Financed.

2.2. Part-time: He/ She in this category works without fellowship from the Institute and should be employed. If Permanent Employee, he/she should provide NOC from the employer.

How to Apply:

- Application form can be downloaded from Institute website (www.nitmz.ac.in).
- Self-attested copies of necessary supporting documents and receipt of online payment (of Rs. **200/-** for General/OBC **OR** Rs. **100/-** for SC/ST); in favour of "Registrar, NIT Mizoram" payable at SBI, Bawngkawn Branch, Aizawl should be attached with filled in application form. Transaction ID should be clearly mentioned in the Application Form.

SBI Account No.: 33755447886

IFSC: SBIN0007059

- Women candidates are exempted from the payment of application fee.
- The required document is to be furnished along with the application by candidates applying under various categories.

Form I: Sponsorship Letter **(for Sponsored category).**

Form II: No objection certificate from the Institute **(for Project Staff category).**

Form III: No objection certificate from the employer **(for Part-Time Category).**

Form V: No objection certificate **(for NIT Mizoram Employee – Part-Time Category).**

- Candidates should submit the above forms (Form I/II/III/V) only in the prescribed format (provided in the PhD Regulations of the Institute). No other format will be accepted.
- Candidates are advised to mention their contact No. & Email Ids in the application forms. Names of the short-listed candidates for attending test/interview shall be made available in the Institute's website or may be intimated by e-mail by the respective Head of the Department.
- Scanned copy of filled-in application form and the supporting documents complete in all respects should be e-mailed to the concerned HoDs/in-charges latest by **5th February 2021 till 5:00 PM.**

Applications received after this will not be considered. Email-ids of the concerned HoDs/in-charges are provided below:

1. Department of Electrical & Electronics Engg.: pabitra.eee@nitmz.ac.in

2. Department of Electronics and Communication Engg.: hod_ece@nitmz.ac.in

3. Department of Computer Science & Engg.: hod_cse@nitmz.ac.in

4. Department of Mechanical Engg.: hod_me@nitmz.ac.in

5. Department of Civil Engg.:hod_ce@nitmz.ac.in

6. Department of Basic Sciences & HSS

(i) Physics: aloks.nitmz@gmail.com

(ii) Chemistry: ajmal.chem@nitmz.ac.in

(iii) Mathematics: vinaysingh14aug@gmail.com

(iv) Economics: gyanendra_eco@yahoo.com

(v) English: suruchi.kaprwan29@gmail.com

- Hardcopy of the filled-in application form complete in all respect to be produced at the time of Written-Test / Interview/or as per the instruction of Institute authority. If the candidates fail to produce the original application form and supporting documents at the time of test or if their claims are found to be incorrect on verification their candidature shall be cancelled automatically.
- The session is likely to start from 2nd week of February 2021. List of finally selected candidates shall be published on the institute website.
- Candidates are advised to visit the Institute website regularly. Any modification/changes/additions in the advertisement, if required, will be uploaded only in the website.

Important dates:

- Receipt of the soft copy of filled-in application form and the supporting documents by email: **5th February, 2021 up to 5:00 PM.**
- Display the list of provisionally shortlisted candidates: **9th February 2021 (Tentative).**
- Submission of hard copy of application and the supporting documents, verification of the documents: **Will be announced in the website.**
- Method of selection, verification of documents, etc. shall be decided by the competent authority and the information in this regard shall be uploaded in the Institute website. Written Test, Interview and document verification, etc. to be conducted by concerned Departments.
- Display of Final list of Selected Candidates: **13th February 2021 (Tentative).**
- Online Payment of fee and online registration for selected students: **14th to 15th February 2021(Tentative).**
- Start of Semester: **15th February 2021(Tentative).**

Sd/-

**Registrar
NIT Mizoram**