



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 (ODD)/2020

Date: 28/08/2020

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

Applications are invited for admission into Ph.D. program in the following departments (July - Dec. 2020 session):

Sl. No.	Name of the Department	PhD category Advertised	Specialization/Area
1.	Civil Engg.	Full-Time (Regular/Sponsored/ Self-financed) Part-Time	Structural Engineering, Geotechnical Engineering, Environmental Engineering
2.	Computer Science & Engg.	Full-Time (Regular/Sponsored/ Self-financed) Part-Time	Data mining, information retrieval, computational Biology, Machine learning, Deep learning.
3.	Electronics & Communication Engg.	Full-Time (Sponsored/ Self-financed) Part-Time	Nanoelectronics, Semiconductor Devices, Nanomaterials, Optoelectronic devices Microwave Communication, Microwave Devices, Communication Microwave signal processing, High frequency solid state devices, Antenna and metamaterials
4.	Electrical & Electronics Engg.	Full-Time (Sponsored/ Self-financed) Part-Time	Power Electronics & Machine Drives, Power System, High Voltage, Energy System.
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-financed) Part-Time	Material Science
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)	Economics	Full-Time (Regular)	Development Economics, Economic History, Political Economy
v)	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. He/she should provide NOC from the employer.

How to Apply:

- Application form can be downloaded from Institute website (www.nitmz.ac.in).
- Application fee: **Rs. 200/-** for GEN/OBC **OR Rs. 100/-** for SC/ST candidates.

- Self-attested copies of necessary supporting documents should be sent along with the filled in application form. Payment of application fee should be made online in the below mentioned account and transaction ID should be clearly mentioned in the Application Form.

Name of the Account: NIT Mizoram

SBI Account No.: 33755447886

IFSC: SBIN0007059

- Copy of the online transaction receipt to be attached with the application form.
- 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 mailed to the concerned HoDs/in-charges latest by **11th September 2020 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.: ricky.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 a later stage as per the instruction of Institute authority. If the candidates fail to produce the original application form and supporting documents or if their claims are found to be incorrect on verification their candidature shall be cancelled automatically.
- The session is likely to start from 4th week of September 2020. 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: **11th September 2020 up to 5:00 PM.**
- Display the List of provisionally shortlisted candidates: **15th September 2020.**
- Due to the COVID-19 crisis, the shortlisted candidate shall appear for the interview through video conferencing (VC). Departmental committee shall select the eligible, candidates for admission to the Ph.D programme, based on the candidates performance in the interview alone.
- Verification of documents (hard copies) will be taken up at a later date as and when the pandemic crisis abates. If any documents are found to be not in order, the candidature is liable to be cancelled at any stage.
- Display of Final list of Selected Candidates: **21st September 2020.**
- Payment of fee and registration for selected students: **22nd September 2020.**
- Start of Semester: **23rd September 2020.**

**Registrar
NIT Mizoram**