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/2019 (A)   Date: 16/05/2019

Admission into Ph.D. Program (2019-20 Autumn Semester)

Applications are invited for admission into Ph.D. program in the following departments (July – Dec. 2019 session):

Sl. No.	Name of the Department	PhD category Advertised	Specialization/Area
1.	Civil Engg.	Regular/Part-Time	Geotechnical/Geo-environmental Engineering; Dynamic Soil-structure Interaction (Structural/Geotechnical Engineering); Pavement Engineering (Transportation/ Geotechnical Engineering); Solid Waste Management (Environmental Engineering)
2.	Computer Science & Engg.	Regular/Part-Time	Data Mining, Pattern Recognition, Machine Learning
3.	Electronics & Communication Engg.	Regular	Microwave Engineering; Antennas; Electromagnetics; Digital Communication
		Part-Time/Self-Financed	Nanoelectronics; Semiconductor Devices; Optoelectronic Devices; Microwave Communication; Communication; Microwave Engineering; Antennas; Electromagnetics; Digital Communication
		Project-Staff	Nanomaterials Technology; Microelectronics; VLSI
4.	Electrical & Electronics Engg.	Regular	Power System; High Voltage; Energy System
		Part-Time	Power Electronics & Machine Drives; Power System; High Voltage; Energy System
5.	Mechanical Engg.	Part-Time	Thermal Engineering; Manufacturing Engineering; Fluid and Thermal Science
6.	**Basic Sciences & HSS**		
i)	Physics	Regular/Part-Time	Material Science
ii)	Chemistry	Regular/Part-Time	Colloids, Amphiphilic drugs, Catalysis, Nanomaterials
iii)	Mathematics	Regular	Vector Optimization, Nonsmooth Optimization, Stochastic Optimization, Fuzzy Optimization, Fractional Calculus, Mathematical Programming, CFD.

		Part-Time	Vector Optimization, Nonsmooth Optimization, Stochastic Optimization, Fuzzy Optimization, Fractional Calculus, Mathematical Programming.
iv)	English	Regular	Post colonial literature, Indian Writing in English, Regional Literature (north-east, mizo), Comparitive Literature, Feminism, Ecocriticism, Ecofeminism, 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.

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):

Masters 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 examination conducted by CSIR or with a valid GATE score.

Ph.D. in HSS (English):

Masters Degree in the area of English from a recognized University/ Institute with a minimum CGPA of 6.0 in 10 point scale or 55 % of marks in the qualifying examinations and qualify the NET examination conducted by UGC.

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:

REGULAR

A student in this category works full-time for his/her Ph.D. degree. He/she receives assistantship from the Institute or fellowship from any recognized funding agency depending on GATE/NET (UGC/CSIR)/other qualification.

SELF-FINANCED

A student in this category works full-time or part-time towards the Ph.D. Programme. The Institute does not provide any assistantship/fellowship to such a student.

PROJECT-STAFF

This category refers to a student who is working on a sponsored project in the Institute and is admitted to the Ph.D. Programme to work on a full-time basis. The remaining duration of the project at the time of admission should be at least one year. If the project gets completed before the student completes his/her Ph.D. Programme, his/her category will be converted to that of Self-Financed category.

PART-TIME

A student in this category is a professionally employed person, who pursues the Ph.D. Programme while continuing the duties of his/her service in NIT Mizoram or elsewhere. The Institute does not provide any assistantship/fellowship to such a student.

How to Apply:

- Application form can be downloaded from Institute website (www.nitmz.ac.in).
- Self-attested copies of necessary supporting documents and a demand draft (of Rs**. 200**/- for General/OBC **OR** Rs. **100**/- for SC/ST); drawn in favour of "Registrar, NIT Mizoram" payable at SBI, Bawngkawn Branch, Aizawl should be attached with filled in application form. Payment of application fees can also be made online in favour of "Registrar, NIT Mizoram". 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.
- Candidates who were shortlisted against the Advt. No. NITMZ/ACAD(7)/Ph.D.(EVEN)/2018; dated 29th November 2018 are exempted from the payment of application fee.
- The required document is to be furnished along with the application by candidates applying under **Project Fellow and Part-time** categories.
  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 prepare the above forms (Form 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 **6th June 2019 up to 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.: bdebnitmz@gmail.com
  5. Department of Civil Engg.: hlalhmingsang@gmail.com
  6. Department of Basic Sciences & HSS
  (i) Physics: aloks.nitmz@gmail.com
  (ii) Chemistry: ajmalkoya@gmail.com
  (iii) Mathematics: vinaysingh14aug@gmail.com
  (iv) English: suruchi.kaparwan29@gmail.com

- Hardcopy of the filled-in application form complete in all respect to be produced at the time of Written-Test and Interview. If the candidates fail to produce the original application form and supporting documents at the time of written 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 1st week of August 2019. 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:

  o Receipt of the soft copy of filled-in application form and the supporting documents by email: **6th June 2019 up to 5:00 PM.**

  o Display the list of provisionally shortlisted candidates by Dean (RC): **13th June 2019.**

  o Submission of hard copy of application and the supporting documents, verification of the documents: **28th June 2019, 9.00 AM onwards**

  o Date of written test and Interview for eligible candidates: **28th June 2019 (after verification of original documents)**

Sd/-

Registrar
NIT Mizoram