



NATIONAL INSTITUTE OF TECHNOLOGY ARUNACHAL PRADESH

(Established by: Ministry of Education, Govt. of India)
Jote, District - Papum Pare, Arunachal Pradesh – 791113

NIT/AP/Acad/Ph.D.-01/2018-19/986

Date: 25.03.2022

Admission to Ph.D. Programme July – Dec 2022

Applications are invited for admission to Ph.D. Programme under Full-Time/Part-Time category for all the departments for session July – Dec 2022. The application form and details are downloadable from institute website www.nitap.ac.in.

A. DEPARTMENTS AND QUALIFICATIONS.

Sl.No	Department	Broad Area of specialization (Indicative)	Minimum education qualification
1.	Biotechnology (BT)	Molecular biology & drug target, agriculture waste management and biosensors, biomedical engineering	M.Tech/ M.Sc in BT or equivalent
2.	Chemical Engineering (CHE)	Thin film, Colloid and interface science	M.Tech / M.E having specialization in relevant areas Or B.Tech /BE in CHE having valid GATE score
3.	Civil Engineering (CE)	Structural engineering, Geotechnical engineering, Water resource engineering and Environmental engineering	M.Tech / M.E having specialization in relevant areas Or B.Tech /BE in CE having valid GATE score
4.	Computer Science & Engineering (CSE)	Deep learning, Cryptography, Data mining, Machine learning, Natural language processing and networking, Image Processing, Quantum Computing.	M.Tech / M.E/IT in CSE having specialization in relevant areas Or B.Tech /BE in CSE having valid GATE score
5.	Electrical Engineering (EE)	Soft computing, Modelling of power system component, power quality, renewable energy, electromagnetic, control system, power electronics and drive and distributed generation, Antenna and Microwave.	M.Tech / M.E in EE, EEE & ECE having specialization in relevant areas Or B.Tech /BE in EE & EEE having valid GATE score
6.	Electronics & Communication Engineering (ECE)	Wireless communication, Speech processing, Semiconductor device, VLSI, Embedded system & Robotics, Optical communication and Microwave & Antenna	M.Tech / ME / MS in ECE/EE/EIE/CSE having specialization in relevant areas Or B.Tech /BE in ECE/EE/EIE/CSE having valid GATE score
7.	Mechanical Engineering (ME)	Manufacturing, Product Design, Composite materials, Tribology, waste management, Boiling heat transfer, IC engine, Bio fuel, Robotics, Biological heat Transfer, heat transfer in micro channel, mechanical vibration, thermohydro dynamics, renewable energy.	M.Tech/M.E/MS having specialization in relevant areas Or B.Tech /BE in ME having valid GATE score
8.	Basic & Applied Science (BAS)	Electronics devices, semiconductors, optoelectronics devices/ Solar cell, organic/inorganic chemistry, combinatorial key management, graph theory, sampling theory, fluid dynamics, string theory, theoretical condensed matter physics and fractional calculus	M.Tech in CSE/ECE and M.Sc in Chemistry, Physics, Maths and Statistics or equivalent degrees.



NATIONAL INSTITUTE OF TECHNOLOGY ARUNACHAL PRADESH

(Established by: Ministry of Education, Govt. of India)
Jote, District - Papum Pare, Arunachal Pradesh – 791113

9.	Management & Humanities (M&H)	Finance, marketing, HRM, Linguistic, organizational behaviour and general management, interdisciplinary research, Linguistics and English.	MBA, MA, M.Sc., M.Com.
----	-------------------------------	--	------------------------

B. VARIOUS SCHEMES AND COMPULSORY CONDITION.

S/N	Scheme	Mandatory condition
1.	Full-Time	Fellowship will be given as per Government and Institute norms.
2.	Part- Time	No fellowship from institute, the candidates should be working in government organisation, Educational Institutes, Public sector and central government organisation. NOC should be submitted from controlling office/department. However, candidate can submit the advance copy of the application but the NOC has to be produced at the time of written test, if shortlisted. Candidates working at NIT Arunachal Pradesh as JRF can apply. However, candidate should have worked for at least 1 (one) year as a JRF under the project. NOC should be submitted though Dean (R&D).

C. ELIGIBILITY

Minimum Educational Qualification for admission

Engineering departments:

Master's degree in Engineering/Technology in the relevant area of research along with Bachelor's degree in appropriate branch of Engineering/Technology with first class or minimum 60 % marks (or CGPA of 6.5 in 10 point scale of equivalent).

Bachelor's degree in Engineering or Technology or equivalent in any discipline with a minimum CGPA of 7.0 out of 10 or minimum of 70 % of marks. Candidates must have valid GATE score.

Master's Degree in appropriate branch of Science/Humanities/Social Sciences/Management with a first class or minimum 60% marks (or CGPA of 6.5 in 10 point scale or equivalent) or equivalent at Master's level.

Relaxation in minimum percentage / Equivalent grade point requirements will be as per the National Reservation Policy of Govt. of India. The preference shall be given to the valid UGC/CSIR/NET/GATE qualified candidates.

D. FELLOWSHIP TO FULL-TIME CANDIDATES

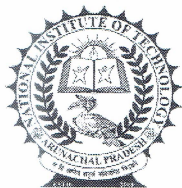
Candidates having valid GATE score or qualified through UGC/CSIR/NET etc. at the time of admission are allowed to receive revised monthly fellowship as per Government and Institute norms subjected to availability of funds. Candidates without valid GATE score nor qualified through UGC/CSIR/NET etc. at the time of admission may receive monthly fellowship @ Rs. 25000 only subjected to availability of funds.

E. SELECTION PROCEDURE

Selection will be done through written test and/or personal interview by respective departments.

How to apply:

The application form can be downloaded from the institute website. Candidates are advised to visit the institute website for frequent updates. A candidates interested in applying in more than one department/Category shall be required to submit separate application forms along with appropriate fees and documents.



NATIONAL INSTITUTE OF TECHNOLOGY ARUNACHAL PRADESH

(Established by: Ministry of Education, Govt. of India)
Jote, District - Papum Pare, Arunachal Pradesh – 791113

A non-refundable fee for Rs. 100/- (Rs 50/- for ST/SC/PwD candidates) is to be deposited to Canara bank account Name: “NIT,AP FEE ACCOUNT” Account number: 3435101005134, IFSC- CNRB0003435, MIRC – 791015002. And the deposited slip is to be attached with the application form.

The dully filled application form with documents are to be emailed to the respective HoD as given in page no. 3 with subject “ **PhD admission in the department of XYZ**” The candidates are required to produces original documents (for verification purpose) along with NOC to respective HoDs if selected.

Late receipt of application/mail shall not be entertained in any circumstances.

Important dates:

Last date of submission of application form	24 th April 2022 till 5PM
Publication of shortlisted applicant	9 th May 2022
Date of written test followed by interview	23 rd – 30 th May 2022
Display or notification of result in website	6 th -10 th June 2022(tentative)
Date of admission	10 th – 12 th August 2022
Commencement of class	16 th August 2022

Application check list:

The complete application should accompany by the following documents:

1. Self-attested copy of mark sheet/grade card of X,XII and collage,
2. Self-attested copy of age proof certificate,
3. Self-attested copy of community certificate in case of ST/SC candidates from competent authority (not below the rank of Tahsildar), if applicable,
4. Self-attested copy of **valid** community certificate in case of OBC candidates from competent authority (not below the rank of Tahsildar) indicating the status regarding the creamy layer , if applicable,
5. Self-attested copy from competent authority for person with disability/ divyang (PwD).
6. Self-attested copy (Income & Asset Certificate) from competent authority for EWS category

Application without these required documents are liable to be rejected.

Whom to contact:

In case of any quarries the candidate may contact the respective head of departments as per details given below:

S/n	Name	Position	Contact details
1.	Dr. Susanta Maity	HoD (BT)	9436410270, susantamaiti@gmail.com
2.	Dr. Pratap Kumar Swain	HOD (BAS)	9436828864, pratapphy200@gmail.com
3.	Dr. M Berlin	HOD (CE)	9485235227, nitapcehod@gmail.com
4.	Dr. Ananta Kumar Atta	HOD (CHE)	9436288612, anantaatta@gmail.com
5.	Dr. Rajat Subhra Goswami	HOD (CSE)	9436271052, nitapcehod@gmail.com
6.	Dr. Sanjeev Kumar Metya	HOD (ECE)	9485231729, smetya@gmail.com
7.	Dr. Rajib Jana	HOD (EE)	9436684914, itsrajibjana@gmail.com
8.	Dr. Dipak Sen	HOD (ME)	9485231949, dipaksen.me@gmail.com
9.	Dr. M M Singh	HOD (M&H)	9485230587, momochams@gmail.com



(Dr. Anup Paul)
DIC, Academic

Dean (Academic)
National Institute of Technology
Arunachal Pradesh
Jote - 791113