राष्ट्रीय प्रौद्योगिकी संस्थान अरुणाचल प्रदेश

NATIONAL INSTITUTE OF TECHNOLOGY ARUNACHAL PRADESH

(शिक्षा मंत्रालय, भारत सरकार के तहत राष्ट्रीय महत्व का संस्थान)

(Institute of National Importance under Ministry of Education, Govt. of India)

जोटे, अरुणाचल प्रदेश -791113, भारत

JOTE, ARUNACHAL PRADESH -791113, INDIA

ई-मेल **E-Mail: exam@nitap.ac.in/deanacad@nitap.ac.in**

वेबसाइट **Website: www.nitap.ac.in,** फोन **Ph: 0360-2954549**

NIT/AP/Acad/Ph.D-01/2018-19/Vol-II/2143 Date: 04/11/2026

Admission to Ph.D. Programme Jan-June 2027

Applications are invited for admission to Ph.D. Programme under Full-Time and Part-Time category for the following departments for session Jan-June,2027. The application form and details are available in the institute website www.nitap.ac.in.

A. DEPARTMENTS AND QUALIFICATIONS.

Sl. No	Department	Area of specialization (Indicative)	Essential Qualifications	Category
1.	Basic and Applied Science (BAS)	Electronics devices, semiconductors, optoelectronics devices/ Solar cell, organic/inorganic chemistry, materials science, nano technology, bio science and bio technology, combinatorial key management, graph theory, sampling theory, fluid dynamics, string theory, theoretical condensed matter physics and fractional calculus, special function	M.Sc or equivalent degree in Mathematics (Pure/Applied) or Statistics/Chemistry/ Physics, /Material Science/Nano Science/Bio-Science.	Full-Time & *Part Time
1.	Biotechnology (BT)	Molecular biology & drug target, Biosensors, Biomedical engineering, phytochemistry, drug development, Cancer biology	M.Tech/ M.E/equivalent in Biotechnology or relevant field Or B.Tech /BE/M.Sc in Biotechnology or relevant field	Full-Time & *Part Time
2.	Chemical Engineering (CHE)	Thin film instability and interfacial phenomena, computational fluid dynamics (CFD).	M.Tech / M.E in CHE / ME Or B.Tech /BE in CHE / ME or M.Sc in Mathematics	Full-Time & *Part Time
3.	Civil Engineering (CE)	Structural engineering, Geotechnical engineering, Water resource engineering and Environmental engineering, Transportation Engineering	M.Tech / M.E in relevant areas Or B.Tech /BE in CE	Full-Time & *Part Time
4.	Computer Science & Engineering (CSE)	Deep learning, Cryptography, Data mining, Machine learning, Natural language processing and networking, Image Processing, Quantum Computing, Computer Networking, AI, IoT, Cognitive Computing, Speech Processing, Database Systems, Data Warehouse, Data Mining	M.Tech / M.E in relevant areas Or B.Tech /BE in CSE/ IT/ Data Science, Artificial Engineering/ Machine Learning or MCA or M.Sc in CS/ Data Science/ Information Security/ Maths & Computing/ Mathematics	Full-Time & *Part Time
5.	Electronics & Communication Engineering (ECE)	Wireless communication, Signal processing, Natural Language Processing, Semiconductor device, Analog & Digital VLSI, System-on-chip, Low Power IC, Embedded system & Robotics, IoT System Design, Optical communication, Optical Computing, Plasmonics, 5G & 6G Communications 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 or M.Sc in Electronics	Full-Time & *Part Time
6.	Electrical Engineering (EE)	Antenna Microwave Theory, Power Electronics and Electric Drives, Renewable Energy Sources and Applications, Computational Intelligent Techniques with sub categories of machine learning, deep learning, evolutionary	M.Tech / M.E in EE, EEE & ECE having specialization in relevant areas Or B.Tech /BE in EE, ECE& EEE	Full-Time & *Part Time

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अरुणाचल प्रदेश/Arunachal Pradesh, Jote-791113

		optimization and swarm intelligence based algorithms, Linear and Non-Linear System analysis and design, Power System Domain, Power Quality Issues of Renewable Energy, Micro-hydro Power Plants, Renewable Energy Integration, SEIG for rural areas.		
7.	Mechanical Engineering (ME)	Fluid & Thermal; Design; and Manufacturing	M.Tech/M.E having specialization in relevant areas Or B.Tech /BE in ME	Full-Time & *Part Time
8.	Management & Humanities (M&H)	English, Linguistics, Finance, Marketing, HRM, Organizational Behaviour and General Management, and Interdisciplinary Research.	MA/ M.Tech / M.Sc. / MS / M.Com / MBA in relevant areas	Full-Time & *Part Time

B. **VARIOUS SCHEMES AND COMPULSORY CONDITION.**

S/N	Scheme	Mandatory condition
1.	Full-Time Ph. D. Ordinance (Full-time) July - Dec 2024 onwards	Fellowship will be given as per Government and Institute norms.
2.	*Part- Time (As per Ph. D. Ordinance (Part-time) July - Dec 2024 onwards.)	No fellowship from institute, the candidates should be working in government organisation, Educational Institutes, Public/Private 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 final admission if shortlisted.
3.	Project Staff Working at NIT AP:	Project staff may be allowed to apply as Full-time PhD Scholars duly forwarded by PI of the project and Dean (R&D). The eligibility criteria should be the same as full-time institute fellowship scholars and/or sponsored agencies. The remaining duration of the project at the time of admission should be at least one year The PhD supervisor of a project staff should be the PI/Co-PI of that project. After the completion of the project duration during his/her PhD, the project staff is not entitled for any assistantship from the institute. However, he/she may receive funding from external agencies (UGC/CSIR) or another project of the same PI/Co-PI.

C. **ELIGIBILITY**

Minimum Educational Qualification for admission

Engineering departments:

First class with 60% aggregate or 6.5 CGPA at both UG and PG for GEN/ GEN-EWS/ OBC-NCL category and minimum 55% aggregate marks or 6.0 CGPA for candidates under SC/ ST/ PwD category.

Master's/ M.S. degree in Engineering/Technology in the appropriate branch of study.

OR

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Bachelor's in Engineering/ Technology /M.Sc/MCA and at least CGPA of 8.0/10 or 75% of marks under GEN/GEN-EWS/OBC-NCL category and at least CGPA of 7.5/10 or 70% for candidates under SC/ST/PwD category. Final year students are also eligible to apply, provided at the time of admission he/she should produce final grade card failing which his/her admission will stand cancelled.

Sciences/Humanities/Management Departments:
Master's Degree in an appropriate branch of Science/Humanities/Social Sciences/Management with a first class or minimum 60% marks (or CGPA of 6.5 on 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, Govt. of India. The preference shall be given to the valid UGC/CSIR/NET/GATE qualified candidates.

D. FELLOWSHIP TO FULL-TIME CANDIDATES

Candidates are allowed to receive revised monthly fellowship as per the central Government and Institute norms subjected to availability of funds. Candidate has to take care institutional and departmental responsibilities under the purview of assistantship.

E. SELECTION PROCEDURE

Selection will be done through written test and/or personal interview by respective departments also visit https://www.nitap.ac.in/academics/academic/ordinance/?category=Ph.%20D.%20

How to apply:

The application form can be downloaded from the institute website : https://api.nitap.ac.in/nitap/documents/jemF4iiAxvDAsYU6Iz0pukaKtsT5i3wn/1776086356078-Application.pdf. 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.

A non-refundable fee for Rs. 500/- (Rs 250/- 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 self attested documents are to be emailed to the respective HoDs as given in page no. 4 with subject "**PhD admission in the department of_____)"** The candidates are required to produces original documents (for verification purpose) along with NOC to respective HoDs if selected.

Alongwith above separate google form needs to be filled to complete the application, link: https://docs.google.com/forms/d/1ePL4EkitukQrBwYVtie40hivG6M0NEUI60jH6a70Ung/edit?ts=6aeac6fa

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

Important dates:

Last date of submission of application form	**12th Dec, 2026 till 5PM**
Publication of shortlisted applicant by the Department	**21st Dec, 2026**
Date of written test followed by interview and other process for part time PhD selection.	**22nd to 31st Dec,2026,2026**
Display or notification of result in website	**8th January,2027 (tentative)**
Date of admission	**14th to 15th January,2027**
Commencement of class	**18th January,2027**

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Application check list:

The complete application should accompany by the following documents:

1. Self-attested copy of mark sheet/grade cared 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. Tushar Dhabal Das	HoD (BAS)	9830956468, tushardhabald@gmail.com
2.	Dr Kartik Mondal	HoD (CHE)	9485250803, kartick.mondal1982@gmail.com
3.	Dr. Mainak Malli k	HoD (CE)	9485230516, nitapcehod@gmail.com
4.	Dr Kartik Mondal	HoD (BT)	9485250803, kartick.mondal1982@gmail.com
5.	Dr. Subhasish Banerjee	HoD (CSE)	9434985900, nitapcsehod@gmail.com
6.	Dr. Brajagopal Datta	HoD (EE)	9402768977, brajagopal1989@gmail.com
7.	Dr. Preetisudha Meher	HoD (ECE)	9040544300, preetisudha1@gmail.com
8.	Dr. Anup Pual	HoD (ME)	9485231981, nitaphodme@gmail.com
9.	Dr. K. Vijayakumar	HoD (M&H)	9366314801, hodmahnitap@gmail.com

Dr. S. K. Chakraborty
Dean, Academic
NIT-Arunachal Pradesh

संकायाध्यक्ष/Dean
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