



राष्ट्रीय प्रौद्योगिकी संस्थान आंध्रप्रदेश
NATIONAL INSTITUTE OF TECHNOLOGY ANDHRA PRADESH
Near National Highway No. 216A, Kadakatla, Tadepalligudem – 534101
West Godavari District, Andhra Pradesh, India

Advertisement No. NITANP/ORGT/2024-25/FR-1/1047 Date: 16.09.2024 DETAILS

RELATED TO FACULTY RECRUITMENT 2024

I. Preamble:

National Institute of Technology Andhra Pradesh, an Institute of National Importance under the Ministry of Education, Government of India invites applications for faculty positions at the level of Assistant Professor (Grade-II, On Contract, Level-10), Assistant Professor (Grade-II, On Contract, Level-11), Assistant Professor (Grade-I, Level-12), Associate Professor (Level-13A2), and Professor (14A) from Indian nationals fulfilling eligibility criteria and possessing excellent academic background, commitment to quality teaching and research, and propensity for institutional development in various specializations of *Engineering, Science, Humanities, and Management* as given in Annexure-I.

S. No.	Position	Level	UR	OBC	SC	ST	EWS	Total
1.	Assistant Professor Grade-II (On contract)	10	20	13	6	4	5	48
2.	Assistant Professor Grade-II (On contract)	11	9	5	3	1	2	20
3.	Assistant Professor Grade-I	12	9	5	3	1	2	20
4.	Associate Professor	13A2	12	8	5	2	3	30
5.	Professor	14A	4	1	1	1	0	7

II. Departments/ Schools and Specializations:

The following Specializations are required for all posts in various Departments:

S. No.	Department Name	Preferred Areas of Specialization
1	Biotechnology	Bioenergy/Biochemical Engineering/Bioinformatics/Biosensors/Bio Nanotechnology/Bio Pharmaceuticals/Disease Biology/Downstream Processing/Immunology/Metabolic Engineering/Microbial Metagenomics/Molecular Cell Biology/Stem Cell technology/Synthetic Biology/ Tissue Engineering.
2	Chemical Engineering	Process Intensification/Separation Processes, Nano Science & Technology/Modeling, Simulation & Optimization/Biochemical and Bioprocess Engineering/Bioenergy/Food Technology/Process Control/ Reaction Engineering/Thermodynamics and Heat Transfer/ Environmental Engineering/Petrochemicals/Membrane Separation/ Environment and Sustainability.

3	Civil Engineering	Structural Engineering/Geotechnical Engineering/Water Resources Engineering/Environmental Engineering/Transportation Engineering/Construction Management.
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4	Computer Science and Engineering	Networking and distributed system/Design and implementation of programming language/Artificial intelligence/Machine learning and data analytics/Algorithms and combinatorial optimization/Theoretical Computer Science/Image and video processing, computer vision/Parallel systems and high-performance computing/ Information security/ Optimization in Cyber-Physical System/Software engineering.
5	Electrical Engineering	Power System/Power Electronics & Drives/Electrical Machines/Control System/High Voltage Engineering/Computational Intelligence and Optimization/Instrumentation Engineering.
6	Electronics & Communication Engineering	Communication Systems/Network Engineering/Embedded Systems Hardware and Software/IoT/Information Theory/Machine Learning and Artificial Intelligence/Electronic Device and Circuits/Signal and Image Processing/Microwave and RF Engineering/Computing and Expert Systems/Microelectronics/Analog/Digital IC Design/Semiconductor Devices/MEMs/Organic Electronics/Nanoelectronics/VLSI Technology.
7	Mechanical Engineering	Design Engineering/Thermal Engineering/Industrial Engineering/Production Engineering/CAD/CAM.
8	Metallurgical & Materials Engineering	Extractive Metallurgy/Process Metallurgy/Mineral Processing/Computational Materials Science/Metal Working and Mechanical Behavior/Welding and Joining/Physical Metallurgy/Casting and Solidification/Particulate Technologies/Nanotechnology/Corrosion and Surface Engineering/Polymers/Ceramics and Refractories/Advanced Materials/composites
9	School of Sciences (Physics)	Solar and space physics/quantum many-body and information theory/ photonics/spectroscopy/green energy physics/solid state ionics/ biophysics/nanotechnology/statistical and computational physics/ experimental condensed matter/nuclear and high energy physics.
10	School of Sciences (Mathematics)	Data Structures/Algorithms Analysis/Mathematical logic/ML and AI: Theory and Applications/Algebra and Cryptography/Topology/ Functional Analysis and Operator Theory/Game Theory/Applied Probability/Stochastic Models/Financial Mathematics/Dynamical Systems and Fractals.
11	School of Sciences (Chemistry)	Organic Synthesis/Supramolecular chemistry/solid state chemistry/organometallic chemistry/electrochemistry/surface chemistry and catalysis/computational chemistry/atmospheric and combustion chemistry/polymer chemistry/physical organic chemistry.

12	School of Humanities & Management (Management)	Economics/Public Policy/Marketing Management/ Financial Management/ Human Resources Management/Entrepreneurship.
13	School of Humanities & Management (Humanities)	Educational Psychology and Development/Psychology and Multi Disciplinary Psychology/English Language and Literature and ELT/ Sociology of Development/Development Anthropology

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III. Essential Qualifications:

- i. **Engineering Departments:** BE/BTech or equivalent and ME/MTech or equivalent and PhD in relevant/ equivalent discipline with first class in the UG/PG. BE/BTech with direct PhD with first class in UG will also be considered.
- ii. **Physics / Chemistry / Mathematics:** PhD degree in the relevant or equivalent discipline with first class BSc/MSc degrees.
- iii. **Management:** PhD in Management with any Bachelor's degree (3/4 years) and MBA or equivalent Master's degree in Management or equivalent PGDM (2 years) as per Association of Indian Universities, or PhD in Management with integrated Master's degree in Management. First class in the preceding degrees is essential.
- iv. **Humanities:** PhD in Humanities with any bachelor's degree (3/4 years) and master's degree in appropriate branch of Humanities or PhD in Humanities with integrated master's degree in appropriate branch of Humanities. First class in the preceding degrees is essential.

IV. How to Apply

- i. Candidates willing to apply for one or more posts are requested to apply online at <https://nitandhra.ac.in/FRP>
- ii. The online application can be filled in multiple sessions.
- iii. If one is applying for more than one department, separate online applications need to be filled.
- iv. Applications shall be received online only. No applications against this advertisement can be sent by email or offline.

V. Minimum Qualifications, Experience and Credentials for various positions

Prescribed Minimum Qualification(s) and Experience for Faculty Positions as per Gazette Notification vide statutes of NIT Andhra Pradesh for the faculty positions is as under:

S. No.	Name of the post, Pay level in 7 th CPC	Essential Requirements	Additional Requirements
1.	Assistant Professor - Grade II (on Contract): Pay Level 10 and Cell 8 of the Pay matrix of 7 th CPC, AGP-6000	PhD.	Good quality publications with at least 2 papers in Q1 Journals. Preferably below 35 years of age

			for UR candidates*
2.	Assistant Professor - Grade II (on Contract): Pay Level 11 and Cell 3 of the Pay matrix of 7 th CPC, AGP-7000	PhD with one year of post PhD experience of Teaching and Research in Institution of repute or Industry.	At least 10 Credit points. Good quality publications with at least 3 papers in Q1 Journals. Preferably below 35 years of age for UR candidates*
3.	Assistant Professor - Grade I Pay Level 12 and Cell 1 of the Pay matrix of 7 th CPC, AGP 8000	PhD with three years of post-PhD or six years total teaching and research experience in reputed academic Institute/ Research and Development Labs or relevant industry.	At least 20 Credit points. Good quality publications with at least 5 papers in Q1 Journals. Preferably below 35 years of age for UR candidates*
4.	Associate Professor	PhD with Six years after PhD of which at least three	At least 50 Credit points. Good quality publications

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	Pay Level 13A2 and Cell 1 of the Pay Matrix of 7 th CPC, AGP-9500	years at the level of Assistant Professor with Academic Grade Pay of Rs. 8000 Or Nine years total working experience, of which three years should be after PhD, with at least three years at the level of Assistant Professor with Academic Grade Pay of Rs. 8000.	with at least 10 papers in Q1 Journals and at least 5 papers in Q1 Journals at the Assistant Professor level. Preferably below 45 years of age for UR candidates* At least 1 PhD student guidance and 2 ongoing externally funded projects or 1 ongoing and 1 completed project.
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5.	Professor Pay Level 14A Cell 1 of the Pay Matrix of 7 th CPC, AGP-10500	PhD with Ten years after PhD Or thirteen years total working experience, out of which seven years should be after PhD. At least three years at the level of Associate professor with Academic Grade Pay of Rs. 9500 or four years at the level of Associate Professor with Academic Grade Pay of Rs. 9000 or combination of Rs. 9000 and Rs. 9500 or equivalent in an Institution of repute or Research & Development lab or relevant industry.	At least 80 Credit points. Good quality publications with at least 20 papers in Q1 Journals and at least 10 papers in Q1 Journals at the Associate Professor level. Preferably below 55 years of age for UR candidates* At least 3 PhD students' guidance and 3 ongoing externally funded projects or 1 ongoing and 2 completed project.
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*Age relaxation as per GoI rules for other candidates.

VI. Credit Points Assessment:

Credit Points System as per Gazette Notification vide statutes of NIT Andhra Pradesh for the faculty positions is given below:

S. No.	Activity	Credit Points
1	One external Sponsored Research and Development Projects completed or ongoing or Patent granted (Non-Exhaustible)	8 credit points per project or 8 credit points per patent as inventor (in case of more than one person in a project, the Principal Investigator gets 5 credit points and the rest to be divided equally among other members)
2	Consultancy projects (Non-Exhaustible)	2 credit points @ Rs.5 lakhs of consultancy, subject to maximum of 10 Credit points
3	Ph.D. completed (including thesis submitted cases) (Non-Exhaustible)	8 credit points per Ph.D. student (in case there are more than one supervisor, then the Guide (1 st Supervisor) gets 5 credit points per student and the rest to be divided equally among other supervisor(s)

4	Journal papers in Science Citation Index or Scopus (Paid Journals not allowed) (Non-Exhaustible)	4 credit points per paper. First author or Main supervisor will get 2 credit points and rest will be divided among others.
5	Conference paper indexed in Science Citation Index or Scopus or Web of science Conference or any internationally renowned conference	1 credit point per paper up to a maximum of 10 credit points since the last promotion. First author or Main Supervisor will get 0.6 and rest will be divided among the rest.
6	Head of the Department, Dean, Chief Warden, Professor In-charge (Training and placement), Advisor (Estate), Chief Vigilance Officer, PI (Exam), TEQIP (Coordinator)	2 credit points per semester up to a max of 16 credit points since the last promotion.
7	Warden, Assistant warden, Associate Dean, Chairman or Convener of institute academic committees, Faculty In charge Computer Center or Information and Technology Services or Library or Admission or student activities and other Institutional activities.	1 credit point per semester up to a maximum of 8 credit points since the last promotion.
8	Chairman and Convener of different standing committees and special committees (Ex officio status will not be considered). Faculty incharges (Each for one-year duration) of different Units or equivalent	0.5 credit points per Semesters up to a maximum of 3 credit points since the last promotion.
9	Departmental activities identified by the Head of the Department like lab in charges, or department level committee for a minimum period of one year.	0.5 credit points per Semester up to a maximum of 3 credit points since the last promotion.
10	Workshop or Faculty Development program or short-term courses of min 05 working days duration offered as coordinator or convener	2 credit points per course up to a maximum of 8 credit points since the last promotion.
11	For conducting national programs like Global Initiative of Academic Networks etc. as course coordinator Program of two weeks duration Program of one week duration	2 credit points per course up to a maximum of 4 credit points since the last promotion. 1 credit point per course up to a maximum of 2 credit points since the last promotion.
12	National or International conference organized as Chairman or Secretary	3 credit points per program up a maximum of 6 credits points since the last promotion.
13	Length of service over and above the relevant minimum teaching experience	2 credit points per semester with maximum of 10 credit points since the last

	required for a given cadre	promotion.
14	Establishment of New Lab(s)	4 credit points since the last promotion.
15	Theory Teaching of over and above 6 credit hrs. course	1 credit point or credit hrs. up to a maximum of 6 credit points since the last promotion.
16	Post Graduate Dissertation guided	0.5 credit points per project to a maximum of 10 credit points since the last promotion.
17	Undergraduate Projects	0.25 credit points per project up to a maximum of 4 credit points since the last promotion.

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18	Text or Reference Books published on relevant subjects from reputed international publishers	6 credit points per book up to a maximum of 18 credit points since the last promotion.
19	Text or Reference book published on relevant subjects from reputed national publishers or book chapters in the books published by reputed international publishers	2 credit points per unit up to a maximum of 6 credit points since the last promotion.
20	Significant outreach activities outside Institute	1 credit point per activity up to a maximum of 4 credit points since the last promotion.
21	Fellow IEEE, FNA, FNAE, FNASc (Non-Exhaustible)	10 credit points
22	Placement percentage (only for the placement cell officers or faculty in-charge of placement)	
	Above 85%	4 credit points per year upto a maximum of 20 credit points since the last promotion.
	75% - 84% (% to be based on total number of students passing out and single job offer)	2 credit points per year upto a maximum of 10 credit point since the last promotion.

VII. Mode of Selection for all posts: The applicants who have applied and shortlisted for positions Professor, Associate Professor and Assistant Professor (Grade I & II) have to go through the selection process of (a) Teaching Demonstration (Blackboard Teaching on any core course of the branch at the 2nd year BTech level for Engineering branches and at 1st year MSc/MA level for Sciences and Humanities) (b) Research presentation using a PPT and (c) Interview. In case

the number of applications are many, the institute may decide to have an online presentation by the candidates to shortlist the applications.

VIII. General Instructions & Information

- 1) Please visit the website of the institute to know more about the departments.
<https://www.nitandhra.ac.in>.
- 2) In case, first class is not mentioned in the preceding degrees by the University/Institution, then the candidates should have secured at least 6.5 CGPA (on a 10-point scale) or 60% marks in aggregate. In case the candidate has secured CGPA under any other point scale (other than 10-point scale), the CGPA may be equivalently converted on 10- point scale for determination of eligibility.
- 3) The number of vacancies is tentative, and the Institute reserves the right to change the number of vacancies in part or full without assigning any reasons whatsoever.
- 4) The non-refundable application fee is Rs.1000/- per application for General, OBC & EWS candidates. However, no application fee is payable by SC/ST/PWD candidates. Also, the application fee payable by Indian Nationals applying from abroad is Rs.5000/- per application for all categories. The application fee shall be paid only through online banking towards the **State Bank of India Account Number 37722875550, Satyavathi Nagar, Tadepalligudem Branch (IFSC SBIN0016305)** on the name of **The Director, NIT Andhra Pradesh**. The reference proof of credit document shall be collected to enter the transaction details in the online application portal. Demand Drafts (DDs) are not accepted.
- 5) The online application portal commences on 19.09.2024. The last date for submitting the **online application** is **05:00 PM on 10.10.2024**.
- 6) Any applications which are not in prescribed form/without relevant supporting enclosures will be outrightly rejected. No correspondence shall be entertained in this regard.

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- 7) The candidates must at least submit the provisional certificate of his/her PhD degree as proof of qualification before the closing date for submission of online application i.e., 10.10.2024. No relaxation or queries are entertained for proof of obtaining a PhD degree.
- 8) No additional document(s)/certificate(s) will be accepted after submission of the application form.
- 9) **Reservation as per Govt. of India apply.** Candidates belonging to SC/ST/OBC (non-creamy layer)/EWS categories should attach a photocopy of the certificate obtained from Competent Authorities not below the rank of Tahsildar or from a First-Class Magistrate of the place of domicile of the candidates clearly authenticating the category to which they belong. Non-creamy layer OBC certificate/Income and Asset Certificate for EWS shall be obtained on or after 01/04/2024. For reservation of posts, the Institution will be regarded as one unit.
- 10) The persons with disability (PWD) shall be required to produce a medical certificate in the prescribed form issued by the competent medical authorities for the purpose of employment. Persons suffering from not less than 40% of the disability in a, b, d & e category as per Department of Personnel & Training Office Memorandum No. 36035/02/2017-Estt(Res), dated 15th January 2018 shall only be eligible for the benefit of reservation if any, and other relaxations as permissible under the rules.
- 11) To limit applicants to a reasonable number, the Institute has the right to set higher norms for scrutiny than the minimum prescribed above. The areas of specialization and the post/level applied for will be considered while shortlisting, giving due consideration to the specific requirements of the individual departments. Hence different departments may have different shortlisting criteria which may vary for different posts within the same department. Priority of

shortlisting shall be as under.

i) All three degrees (UG/PG/PhD) from IIT/IIM or reputed institutes with a World QS ranking within 500.

ii) At-least two degrees (UG/PG/PhD) from IIT/IIM or reputed institutes with a World QS ranking within 500.

iii) At least one degree (UG/PG/PhD) from IIT/IIM or reputed institutes with a World QS ranking within 500.

iv) All three degrees (UG/PG/PhD) from NITs or other CFTIs (other than IITs). v) At-least two degrees (UG/PG/PhD) from NITs or other CFTIs (other than IITs). vi) At least one degree (UG/PG/PhD) from NITs or other CFTIs (other than IITs). vii) All three degrees (UG/PG/PhD) from any state Govt. funded Institution/universities/ Research laboratories other than above.

Note: If the candidate achieves the degree under integrated mode, then it shall be considered as two degrees among UG/PG/PhD.

- 12) In addition to above, the institute reserves the right to restrict the number of candidates for interview to a reasonable limit on the basis of their qualifications, requirement of specialization of the departments, ongoing/completed externally sponsored projects, possessing quality of journals as main author or supervisor or co-supervisor, patents, valid past experience and credit points higher than those prescribed in this advertisement.
- 13) To avoid in-breeding, candidates who have obtained PhD from this institute will not be considered or shortlisted for recruitment. The candidature shall be considered and shortlisted only after five years from the date of viva-voce of their PhD thesis.
- 14) As per Schedule "E" of the Statutes of NIT Andhra Pradesh, the previous experience must be from the Institute of repute as per oversight committee resolution (MoE vide F.No.33-9/2011/TS.III dated 16th April 2019). The above definition of Institute of repute shall only be considered to determine eligibility and calculation of credit points.
- 15) More than six months of experience in a regular position in an Institution of repute or any organization with a pay scale will only be considered as a total experience. Experience rendered on part-time/ad-hoc/visiting faculty will not be counted.

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- 16) Persons serving in Govt./Semi Govt./PSUs/Universities/Educational Institutions should send their applications either THROUGH PROPER CHANNEL or should furnish a NO OBJECTION CERTIFICATE from the competent authority at the time of interview. They can, however, send an advance copy of the application form.
- 17) Pay protection is applicable only with the recommendations of the selection committee and approved by board of governors of institute. No pay protection is granted without recommendations of selection committee and approved by board of governors of institute.
- 18) The candidate is responsible for the correctness and authenticity of the information provided in the application. If it is found at a later date that any information given in the application is incorrect/false, the candidature/appointment/service is liable to be cancelled/terminated.
- 19) The decision of the institute related to all matters pertaining to recruitment shall be final and binding on the applicants.
- 20) **The date for determining the eligibility of candidates in every respect shall be 10.10.2024.**
- 21) **Upon shortlisting, the interview call letters shall be sent to the individual shortlisted candidates only through e-mail.** The list of short-listed candidates will be displayed on the Institute website. Candidates are advised to visit the NIT Andhra Pradesh website www.nitandhra.ac.in regularly.
- 22) The institute reserves the right to cancel the recruitment fully/partially at any stage without assigning any reason.

IX. Incentives for faculty at NIT Andhra Pradesh

In addition to normal pay and allowances as applicable to the faculty, the following additional incentives are also available for faculty members of NIT Andhra Pradesh.

1. A seed grant amount of Rs. 10 Lakhs shall be allocated to a faculty joining the institute.
2. Research Collaboration travel grant of Rs.25,000/- per year.
3. Project Matching grand up to Rs. 5 Lakhs for faculty who obtain externally funded projects.
4. In case of externally funded projects, the institute will allocate 20% of overheads to Research Development fund of the faculty and 20% to Research Equipment Maintenance Fund so that the faculty can take care of the equipment purchased from the project after the project period.
5. Cumulative Professional Development Allowances (CPDA) of Rs. 3 lakhs for every block period of 3 years is made available to every faculty member on a reimbursable basis to meet the expenses of participation in National/International Conference, payment of membership fee of Professional Societies and contingent expenses.
6. All faculty will be covered under the New Pension Scheme (NPS 2004) as per Govt. of India rules.

Registrar
NIT Andhra Pradesh