జాతీయ సాంకేతిక సంస్థ – ఆంధ్రప్రదేశ్ / राष्ट्रीय प्रौद्योगिकी संस्थान - आंध्र प्रदेश

NATIONAL INSTITUTE OF TECHNOLOGY ANDHRA PRADESH
(An Institute of National Importance, under Ministry of Education, Government of India)
N.H. – 216A, Near KADAKATLA, TADEPALLIGUDEM – 534101, WEST GODAVARI DIST., ANDHRA PRADESH, INDIA

<u>Notification for the Post-Doctoral Fellowship (PDF) Admissions</u> under "Visvesvaraya PhD Scheme for Electronics and IT: Phase II" <u>Sponsored by MeitY, Govt. of India, 2025 -2026.</u>

Ref No. NITANP/ODAA/2025-26/168   **Date:**28-06-2025
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NIT Andhra Pradesh invites applications for Post-doctoral Fellowship (PDF) positions under the Visvesvaraya PhD Scheme for the academic year 2025-2026. For more details regarding Visvesvaraya Ph.D. scheme, interested candidates may explore the webpage: http://phd.digitalindiacorporation.in/

ELIGIBILITY AND DURATION:

1. The PDF is awarded to researchers with a proven academic record, including peer-reviewed publications and recognitions.

2. It is a full-time, non-transferable, temporary position tenable in India only.

3. The fellowship is valid for **1year**.

4. The PDF applicant should be an Indian citizen.

5. PDF applicants currently in regular employment will not be considered. However, scientists or researchers with temporary positions in academia or research institutions would be considered, but they would be required to relinquish their current roles if selected for the fellowship.

6. The PDF applicant must have obtained a PhD degree from a recognized university with first class (in terms of grades, etc.) in all preceding levels and a good academic record throughout.

7. The eligible participating institution must ensure that the PDF applicant should have completed PhD within the past 5 years on the last date of submission of application to the institution.

8. PDF applicants should not have completed their PhD at the same institution (host institution) where the PDF fellowship is to be awarded.

9. The upper age limit for the fellowship is 40 years on the date of submission of application to the eligible participating institution (host institution).

10. A suitable Mentor/Guide, under whom the proposed research would be carried out, must be identified by the institution.

11. Mentor/Guide of PDF fellow must hold a regular academic/research position in a recognized institution in India. He/she should hold a Ph.D. degree in Science or Engineering.

12. The research proposal of the PDF applicant, to be submitted to the institution, should define clear objectives, outcomes and deliverables against the award.

13. Preference would be given to the PDF applicants who have active industry linkages and their research proposal is directed towards industry specific problems.

FELLOW SHIP DETAILS:

Category	Fellowship Amount	Duration	Additional Requirements
Post-Doctoral Fellowship (PDF)	₹1,08,393/month	Up to One year	Contingency Grant: ₹1,00,000/year (disbursed on a **pro-rata** basis, e.g. ₹25,000/quarter)

SPECIALISATIONS IN PDF PROGRAM UNDER THE SCHEME:

The department-wise research areas are as follows:

DECE: VLSI, VLSI signal processing, Radar signal processing, NOMA, 5G/6G communications, UAVs for wireless communication, Signal processing for communication, Speech processing, Image Processing, Microwave filter, Antennas, Microwave Sensors, Microwave vacuum electron beam devices, Artificial Intelligence (AI) / Machine Learning (ML) in Electronics and Communication applications.

DCSE: Probabilistic Graphical Models, Representation Learning, Cloud Computing, Parallel, Approximation and Randomized Algorithms, Performance Modeling, NLP-Mixed Script, Explainability, Indic Languages, ML and DL-Vision, NLP and Video Analytics, Object detection, Image restoration, Image classification and clustering, Distributed Computing- Query optimization, Block Chains, Quantum Computing, Metric Learning, Reinforcement Learning.

DEE: Application of Power Electronics, Microgrids and Electric Vehicles, Power Converters for Electric Vehicles, Distribution System Modernization, Artificial Intelligence (AI)/ Machine Learning (ML) applications to Power Systems.

HOW TO APPLY?

Candidates must fill out the Google Form and upload a .pdf file containing their updated biodata, scanned copies of the duly filled-in **application form**, relevant certificates, and mark sheets. All scanned documents must be self-attested on every page and compiled into one merged .pdf file. The complete file must be uploaded using the following Google link: **Online Application Form**

Google form link: **https://forms.gle/mjiRciQt2ob73QCp9**

IMPORTANT DATES:

Sl. No.	Particulars	Date
1	Start of Online Application	28-07-2025
2	Last Date for submission of Online application (Google Form)	18-08-2025
3	Tentative Schedule for Interview	25-08-2025

APPLICATION CHECK-LIST:

Candidates must bring all original documents along with one set of photocopies of the following:

1. Duly filled-in application form (hard copy).
2. Marksheets/Grade cards of:
   o Secondary(10th)
   o Higher Secondary(12th)
   o All university examinations (UG/PG/Ph.D.).
3. Proof of date of birth (e.g., birth certificate or Class10th certificate).
4. Research proposal write up defining clear objectives, outcomes and deliverables against the award.

5. Any other documents related to publications, patents and other testimonials.

SELECTION PROCESS

1. To limit the number of applications, the following merit-based criteria will be used for evaluation in chronological order:

   (a) Number of SCI publications in Q1/Q2 journals (as on the last date of application) where the applicant is the first or corresponding author.

   (b) Number of SCI publications in Q3/Q4 journals (as on the last date of application) with first or corresponding authorship.

   (c) Number of patents published as on the last date of application.

   (d) Any additional criteria as decided by the Admission Core Committee.

OTHER INSTRUCTIONS

1. Meeting the minimum criteria does not guarantee an interview or admission.
2. No TA/DA will be provided.
3. Candidates should make their arrangements for the stay. Accommodation may be provided either in hostel/guest house on payment basis, if available, at the time of their arrival to the institute. No pre-bookings are entertained.
4. Shortlisted candidates will be informed by email. Only selected candidates will be contacted.

FOR FURTHER QUERIES CONTACT:

Dr. Puli Kishore Kumar,
Nodal Officer,
Visvesvaraya PhD scheme, Phase-II,
National Institute of Technology Andhra Pradesh,
Tadepalligudem, West Godavari Dist., Andhra Pradesh, India.
Email: nodal.visphd@nitandhra.ac.in
Mobile: 08818 – 235177, 9492744418.

Dean, Academic Affairs

**Application for the Post-Doctoral Fellowship under "Visvesvaraya PhD scheme: Phase II",
NIT Andhra Pradesh, Academic Year: 2025 - 2026**

Paste your Recent Photograph

1. Post Doc Applicant

1.1 Basic Details of Applicant

a) Name:

b) Date of Birth:

c) Age:

d) Mobile Number:

e) Email:

1.2 Academic Background of Applicant

	Specialization	Institution	Percentage with Class	Year of Passing
10th				
12th				
Graduation				
Post-Graduation				
PhD Degree				
Other (if, any)				

1.3 Scholarship if any,

Availing other scholarships (Yes/No)	
Details if, yes (including name of fellowship, its sponsor, financial benefits, its start date & end date)	

2. **Details of the Mentor**

   2.1 Basic Details of the Mentor

Name	
Designation	
Name of the Department and Institution of the mentor	
Area of expertise	
Mobile No.	
Email	

   2.2 Educational Details of the Mentor

	Specialization	Institution	Year of Passing
Graduation			
Post-Graduation			
PhD Degree			
Other (if, any)			

   2.3 Work Experience of the Mentor

No. of PhD candidates mentored (thesis submitted candidates also can be included)	
No. of PhD candidates mentoring	
No. of Post Doc candidates mentored	
No. of Post Doc candidates mentoring	
Years of Mentorship experience	
Mentor's CV	Please attach CV along with the proposal

3. <u>Proposal Summary</u>

a) Title	
b) Abstract	
c) Research Area	
d) Objectives	
e) Deliverables	

I do hereby declare that the information furnished in this application is true to the best of my knowledge and belief. If selected, I promise to abide by the rules and regulations of the Institute.

Date:

Place:

[Attach additional sheets, if needed]

Full Signature of the Applicant