



राष्ट्रीय प्रौद्योगिकी संस्थान वरंगल
NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL
(शिक्षा मंत्रालय, भारत सरकार के अधीन राष्ट्रीय महत्व का एक संस्थान)
(An Institute of National Importance under Ministry of Education, Govt. of India)
तेलंगाना / Telangana – 506004, India.

Advertisement for JRF recruitment under TIH-IITG Sponsored Research Project

Advertisement No.: PK/EC/TIH-IITG/ 2026- RS26017/JRF/

Date: 09/09/2026

Project title	Hybrid TENG/PENG Sensor Development for Underwater Applications.
Sponsoring agency	IIT Guwahati
Position title	Junior Research Fellow (JRF)
Duration (in years)	Maximum 2 years or till the completion of project tenure (whichever is earlier)
Number of position(s)	One
Essential qualification	Essential Qualification: B.Tech/BE. In ECE with First class >60% or M. Tech. in ECE with first class >60%. Desirable: Experience in nanomaterials, Nano composite fabrication, and flexible sensors. Hands-on experience in TENG/PENG fabrication and electrical characterization. Knowledge of waterproofing/encapsulation and underwater sensor testing. Experience in Arduino/ESP32, IoT and data acquisition. Proficiency in MATLAB/Python for data analysis.
Age limit	30 years for the GEN/ GEN-EWS category, 33 years for OBC-NCL, and 35 years for SC/ST/PwD/Female candidates as on the commencement date of this notification.
Desired qualifications	Hands-on experience in TENG/PENG fabrication and electrical characterization. Knowledge of waterproofing/encapsulation and underwater sensor testing.
Emoluments	Rs. 37,000/- pm for the 1 years, extended based on the performance.
HRA/Accommodation	HRA as per the govt. rule application for NIT Warangal. The selected candidate is also eligible for on-campus Hostel & Mess facilities, subject to availability.
Job nature	Fabrication of underwater communication acoustic sensor using TENG/PENG-based sensors, underwater sensing, device fabrication, characterization, testing and validation.
Other benefits	The selected candidates are eligible to register for a Ph.D. degree at NIT Warangal as per institute rules. However, candidate needs to apply for a Ph.D. position when the Advertisement is open.

How to apply?	Complete the application form (as per the link provided) and submit via email (as per the email provided below) along with the Bio-data/CV and scanned copy of certificates in a single pdf file .
Submission mode	Soft copy through email
Last date	20/09/2026 till 11.59PM
Whom to contact?	Principal Investigator: Prof. Prakash Kodali, Associate professor. Co-PI: Prof. Ch. V. Rama Rao, Professor. Department: Electronics and Communication Engineering National Institute of Technology Warangal – 506 004 Telangana State, India.
Contact & Email ID	kprakash@nitw.ac.in , 8074035659
Please note: • The position is purely temporary • Please enclose a brief resume/ curriculum vitae/ bio-data along with the applications form • List of eligible candidates will be announced on the institute website and also intimated through email or phone. • Shortlisted candidates will have to attend an interview (ONLINE or OFFLINE) • If interviews need to be conducted online, candidates are expected to have a good internet connection and on camera facility • No TA/DA will be paid for attending the interview	



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**APPLICATION FOR THE POSITION OF JRF POSITION UNDER TIH-IITG SPONSORED
RESEARCH PROJECT**

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Date: 09/09/2026

(Please enclose a copy of bio-data/ resume/ curriculum vitae)

1. Name of the candidate:
2. Father's name:
3. Date of birth (DD/MM/YYYY):
4. Sex: Male/ Female
5. Marital status: Single/ married
6. Category: OC/OBC/SC/ST
7. Educational qualifications:

Degree	Specialization/ subjects	Board/ University	Year of passing	Class	Percentage/ CGPA
SSC (Class X)					
Intermediate (Class XII)/ Diploma					
B.Sc./ B.E./B.Tech					
M.Sc./ M.Tech.					
Ph.D.					

8. GATE/ NET/ ICMR/ DBT-SRF score earned/
qualified

Score	GATE Subject	Year appeared	Score	All India rank
GATE/ NET (mention)				

9. Research/Industrial/Teaching
experience

S.No.	Name of Organization/ industry	Date/ Month of entry	Date/ Month of leaving	Months/ Years of experience

10. Publications/ conference participations

11. Any other relevant information

Declaration

I..... hereby declare that all statements made in this application are true, complete and correct to the best of my knowledge and belief. In the event of the information being found false or incorrect or any ineligibility being detected before or after the selection, my candidature is liable to be cancelled. I confirm, that I am available for ONLINE interview, if necessary.

Date:**Signature of the candidate****Place:**