



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.

Department of Biotechnology

Advertisement for JRF recruitment under a Research project

<b>Project title</b>	Sustainable bioproduction of Nitrilase using unicellular Cyanobacterial species and in vivo and in silico enzyme characterization
<b>Sponsoring agency</b>	Department of Biotechnology (DBT), India
<b>Position title</b>	Junior Research Fellow (JRF)
<b>Duration (in years)</b>	Two years or till closure of the project whichever is earlier. Performance evaluation will be done each year.
<b>Number of position(s)</b>	One
<b>Essential qualification</b>	<p><b>Essential:</b> B.E./B.Tech. in Biotechnology/Industrial Biotechnology/Bioinformatics/ Biosciences and Bioengineering/ in related fields <b>AND</b> M.E./M.Tech./M.S. (by Research)/M.S.* (from abroad Two year program only) in Biotechnology/Industrial Biotechnology/Bioinformatics/Biosciences and Bioengineering/ in related fields with a minimum of 60% aggregate marks 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 at both UG and PG for SC/ST/PwD category. (OR) B.E./B.Tech. in Biotechnology/Industrial Biotechnology/Bioinformatics/ Biosciences and Bioengineering/ in related fields <b>with Valid GATE score</b> and at least CGPA of 7.0/10 or 65% of marks under GEN/GEN-EWS/OBC-NCL category and at least CGPA of 6.5/10 or 60% for candidates under SC/ST/PwD category. (OR) M.Sc. in Biotechnology/Biochemistry/Microbiology/Botany/Zoology/ Bioinformatics/Life Sciences/in related fields <b>AND</b> M.Tech. in Biotechnology/Industrial Biotechnology/Bioinformatics/Biosciences and Bioengineering/in related fields with a minimum of 60% aggregate marks 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 at both UG and PG for SC/ST/PwD category. (OR) M.Sc. in Biotechnology/Biochemistry/Microbiology/Botany/Zoology/ Bioinformatics/Life Sciences/in related fields with a minimum of 60% aggregate marks 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 at both UG and PG for SC/ST/ PwD category.</p> <p><b>Desirable:</b> <b>GATE/CSIR-UGC NET qualification will be given preference.</b></p>
<b>Desired qualifications</b>	Prior knowledge and hands on experience with cyanobacteria, enzymes and basic bioinformatics tools / databases.
<b>Age limit</b>	30 years
<b>Age relaxation</b>	Upper age is relaxable up to 5 years for SC/ST/OBC/Women and Physically challenged candidates.
<b>Emoluments</b>	Rs. 37,000/- pm for two years.
<b>HRA/ Accommodation</b>	HRA as per institute rules. The selected candidate is also eligible for on-campus Hostel & Mess facilities, subject to availability.
<b>Job nature</b>	Cyanobacterial Culturing, Strain Maintenance, Bioprocess Optimization, Design of Experiments, Sustainable Bioproduction, Enzyme Extraction and Purification, Enzyme Assays and Kinetics, In Silico Analysis & Kinetic Modelling, Interpreting results and preparing reports.
<b>Other benefits</b>	The selected candidate is eligible to register for a Ph.D. degree at NIT, Warangal as per institute rules. However, s(he) needs to apply for a Ph.D. position when the advertisement is open.
<b>How to apply?</b>	Complete the application (as proforma attached/link provided) and submit via google form along with the Bio-data/CV and scanned copy of certificates as a <u>single pdf file</u> . <b>Google form link:</b> <a href="https://forms.gle/Kn7br5FmeSezXsR19">https://forms.gle/Kn7br5FmeSezXsR19</a>
<b>Submission mode</b>	<b>Soft copy through email</b> ( <a href="mailto:anbu@nitw.ac.in">anbu@nitw.ac.in</a> , <a href="mailto:thyagesh@nitw.ac.in">thyagesh@nitw.ac.in</a> ) <b>and google form</b> <a href="https://forms.gle/Kn7br5FmeSezXsR19">https://forms.gle/Kn7br5FmeSezXsR19</a>
<b>Last date to apply</b>	31-07-2026 by 11.59 pm
<b>Whom to contact?</b>	<b>Prof. Anbumathi P (PI), Prof. Thyageshwar Chandran (Co-PI)</b> Associate Professor Department of Biotechnology National Institute of Technology Warangal – 506 004 Telangana State, India
<b>Contact Email ID</b>	<a href="mailto:anbu@nitw.ac.in">anbu@nitw.ac.in</a> , <a href="mailto:thyagesh@nitw.ac.in">thyagesh@nitw.ac.in</a>

**Please note:**

- The position is purely temporary
- Please enclose a brief resume/ curriculum vitae/ bio-data along with the application 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/OFFLINE)
- If interviews need to be conducted online, candidates are expected to have a good internet connection
- No TA/DA will be paid for attending the interview

The proforma of the application is attached to this advertisement. The editable template is also downloadable at the following link.

<https://docs.google.com/document/d/1tE7iv2birAPNKhjyUvnSKCeqFPyloyxc-LbKqzs3irA/edit?usp=sharing>

**APPLICATION FOR THE POSITION OF JRF**  
**Department of Biotechnology**  
**National Institute of Technology Warangal**  
(Please enclose a copy of bio-data/ CV and Scan copy of certificates)

- 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:** GEN/GEN-EWS/OBC-NCL/SC/ST
- 7. Educational qualifications:** (Scanned copies of original mark memos, provisional and degree certificates, GATE/NET scorecards, and category certificates must be combined and attached to this application form as a single PDF file.)

Degree	Specialization/ subjects	Board/ University	Year of passing	Class/Division	Percentage/ CGPA
SSC					
Intermediate/ Diploma					
B.Sc./ B.E./B.Tech					
M.Sc./ M.Tech./MS					
Ph.D.					

**8. GATE/ CSIR-UGC-NET/ ICMR/ UGC-NET/ DBT-JRF score earned/ qualified**

Score	Year appeared	Score	All India rank
GATE/ NET/ mention			

**9. Research/Industrial/Teaching experience**

S.No.	Organisation/ industry served	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