



No. NITW/BT/DRP/EEQ/JRF/2019/ADVT/

Date: 18.06.2019

**ADVERTISEMENT**

Applications are invited from the interested candidates for a temporary post of **Junior Research Fellow (JRF)** to work in the ongoing research project sponsored by **DST-SERB**, Department of Science and Technology, Govt. of India.

**Details of project, qualification and emoluments:**

Project Title	<i>Invitro</i> micropropagation and enhancement of potent anticancer drug(Camptothecin) using elicitors and hairy root culture in <i>Nathopodytes foedita(wright) sluemer-</i> A Threatened medicinal plant
Tenure of the project	3 years
Name and No. of Post	Junior Research Fellow – 1
Essential Qualification	1. First class in B.E/B.Tech Biotechnology or allied subjects OR First class in B.E/ B.Tech Biotechnology or allied subjects and First class in ME/ M.Tech/MS Biotechnology or allied subjects OR First class in Integrated M.Tech Biotechnology or allied subjects OR First class in M.Sc Biotechnology, Integrated M.Sc Biotechnology , Life sciences or allied subjects and First class in M.Tech Biotechnology or allied subjects 2. In the case of SC/ST candidates, the eligibility criteria is Cumulative Grade Point Average (CGPA) of at least 6.0 on a 10 point scale grading system, or not less than 55% marks in aggregate. 3. Candidates with GATE / NET scores will be preferred.
Desired qualifications	Prior knowledge/experience in plant tissue culture techniques, Molecular biology techniques, Phytochemical extraction/Purification/Agrobacterium (hairy root) culture
Emoluments	Rs. 31,000/- pm for first 2 years and 35,000/- pm for third year. HRA as per institute rules. The selected candidate is also eligible for on campus Hostel & Mess facilities at their own expenses.
Job Requirements	The selected candidates need to work for the progress of the project by performing experiments in Plant tissue culture, Phytochemical extraction, Agrobacterium studies, Gel electrophoresis, Secondary Metabolites purification, etc. and Preparation of research reports.

Interested candidates may submit their application using below given format for “JRF- Application” along with curriculum vitae and photocopies of certificates in support of educational/professional qualifications. Application should be sent in a closed cover with a superscription on the cover “**Application for the post of Junior Research Fellow (DST-SERB)**” on or before **15.07.2019 (Monday)** via **Post** to the address mentioned below.

List of eligible candidates will be announced in the institute website and also intimated **through e- mail or phone**.

**NOTE: No TA/DA will be paid for attending the interview.**

**Application should be sent to:**

Dr.Rathnaprabha.Dharavath  
(Principal Investigator) Assistant Professor  
Department of Biotechnology  
National Institute of Technolog Warangal  
Warangal506004,TelanganaState,India,  
Email:[rathnaprabha@nitw.ac.in](mailto:rathnaprabha@nitw.ac.in)

**APPLICATION FORMAT FOR THE POST OF JUNIOR RESEARCH FELLOW:**

**1. Title of the research project:** *In vitro* micropropagation and enhancement of potent anticancer drug(Camptothecin) using elicitors and hairy root culture in *Nathopodytes foedita*(wright) sluemmer- A Threatened medicinal plant

**2. Name of the applicant:**

**3. Address for correspondence (including Email and Mobile number)**

**4. Category:** OC/OBC/SC/ST

**5. Date of Birth:**

**6. Academic Qualifications** (from H.Sc or 12<sup>th</sup> onwards):

<b>Qualifying Degree</b>	<b>University / Board</b>	<b>Main subjects / Discipline</b>	<b>Year of Passing</b>	<b>% / CGPA</b>	<b>Class /Division</b>
H.Sc/12 <sup>th</sup>					
B.Sc.					
M.Sc.					
B.Tech.					
M. Tech.					

7. GATE Score:

All India rank in GATE:

8. CSIR-NET / ICMR / DBT JRF:

9. Publications / Conference participations (if any):

10. Project / Research experience from Universities / National institutes / Industry (if any):

11. Research experience:

12. Any other relevant information:

Place:

Date:

Signature of the Applicant