



# NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL

## ADVERTISEMENT FOR THE SELECTION OF PROJECT STAFF

(Form – E-3)

### Advertisement format for JRF recruitment under a research project sponsored by SERB

<b>Project title</b>	Crop Identification and Health Monitoring using UAV data and Satellite Imagery
<b>Sponsoring agency</b>	Science and Engineering Research Board (SERB)
<b>Position title</b>	Junior Research Fellow (JRF)
<b>Duration (in years)</b>	3
<b>Number of position(s)</b>	1
<b>Essential qualification</b>	<ul style="list-style-type: none"><li>• B.E./ B.Tech or equivalent degree in <b>Civil Engineering/ Agricultural Engineering/ Geomatics Engineering (First class)</b></li><li>• ME/M.Tech in <b>Remote Sensing and GIS / Geomatics/ Geo-informatics/Water Resources Engineering</b> with valid GATE score</li></ul>
<b>Age limit</b>	<b>35 Years</b>
<b>Age relaxation</b>	<b>As per guidelines</b>
<b>Desired qualifications</b>	A prior knowledge of below mentioned skills is desirable <ul style="list-style-type: none"><li>• Remote Sensing and GIS</li><li>• Photogrammetry</li><li>• UAV flight planning and processing</li><li>• AI/ML in image processing</li></ul>
<b>Emoluments</b>	Rs. 31,000/- per month for the first 2 years and 35,000/- per month for the second Year.
<b>HRA/ Accommodation</b>	The selected candidate is also eligible for on-campus Hostel & Mess facilities, subject to availability if not provided HRA will be given as per rules.
<b>Job nature</b>	In this project candidate need to perform <ul style="list-style-type: none"><li>• UAV flight planning and image processing</li><li>• Satellite data image processing</li><li>• Monitor the crop health parameter from UAV and Satellite imagery on different weather and field conditions.</li></ul>
<b>Other benefits</b>	The selected candidates are eligible to register for PhD degree at NIT, Warangal as per institute rules. However s(he) needs to apply for PhD position when the advertisement is open.

<b>How to apply?</b>	The format of application is attached with this advertisement. Complete and fill in the google form: <a href="https://forms.gle/8Y7xm6SwSuruVfJT7">https://forms.gle/8Y7xm6SwSuruVfJT7</a>	
<b>Submission mode</b>	Submit applications form and merge the soft copy of all degree and final year mark sheet along with one page bio into a single .pdf file	
<b>Last date to apply</b>	31 <sup>st</sup> March 2023	
<b>Whom to contact?</b>	Dr. M. Shashi (PI) Associate Professor Civil Engineering Department NIT Warangal – 506 004 Telangana State, India	Dr. Venkata Reddy K (Co – PI) Professor Civil Engineering Department NIT Warangal – 506 004 Telangana State, India.
<b>Contact Email ID</b>	mshashi@nitw.ac.in, kvreddy@nitw.ac.in	
<b>Please note:</b>		
<ul style="list-style-type: none"> <li>○ The position is purely temporary</li> <li>○ Please enclose a brief resume/ curriculum vitae/ bio-data along with the application form</li> <li>○ List of eligible candidates will be announced on the institute website and also intimated through email or phone.</li> <li>○ Shortlisted candidate will have to attend an interview (ONLINE/OFFLINE)</li> <li>○ If Interview need to be conducted online, candidates are expected to have good internet connection</li> <li>○ No TA/DA will be paid for attending interview</li> </ul>		

**APPLICATION FOR THE POSITION OF JRF POSITION UNDER SERB  
SPONSORED RESEARCH PROJECT**

Advt. No. \_\_\_\_\_ dated 17/03/2023

(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/EWS
7. **Educational qualifications**

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

**8. GATE/ NET/ ICMR/ DBT-SRF 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