



**NATIONAL INSTITUTE OF TECHNOLOGY**  
**Warangal- 506004, Telangana State, India**  
**DEPARTMENT OF ELECTRONIC AND ENGINEERING**

Advt. No. NITW/ECE/TKK/CARS/JRF/2021

Date: 26-02-2021

**Advertisement for Junior Research Fellow**

(RCI/MA/MMG/PO/CARS/01 Date: 24.02.2021)

Applications are invited from the interested candidates for temporary positions of **Junior Research Fellows (JRFs)** to work in a Defence Research and Development Organization sponsored Project (DRDO) entitled “**Development of Video/Image Compression Algorithms**”.

**Details of qualifications, Emoluments and duration are given below:**

Name of position	Junior Research Fellow (JRF)
Number of Positions	1
Essential Qualifications	First class with not less than 60% aggregate (or) not less than 6.5 CGPA on a 10 point scale in B. Tech./B.E. in Electronics and Communications, Electronic Instrumentation or relevant discipline <b>and</b> First class with not less than 60% aggregate (or) not less than 6.5 CGPA on a 10 point scale in M.Tech in Electronics and Communications, Electronic Instrumentation or related specialization. <b>and</b> Qualified in GATE exam
Nature of work	<ul style="list-style-type: none"><li>• Experimental work to Video/Image Analysis using H.265</li><li>• Collection of database</li><li>• Development of mathematical models for novel compression techniques</li><li>• Simulation studies on Video/Image signal processing using MATLAB and Phyton software tools.</li><li>• Implementation of novel version of H.265</li><li>• Development and implementation of novel video/image compression techniques using improve version of H.265</li></ul>
Duration	18 Months
Consolidated Stifund	20,000/- per month for 18 months  The selected candidate is eligible for on campus Hostel & Dining facilities at their own expenses as per institute rules. <b>Note:</b> Stifund is paid as per the guidelines of DRDO from time to time and fund received in each year.
Other Benefits	The selected candidate is eligible to register for PhD degree at NIT, Warangal.

Interested and eligible candidates may email the pdf files (filled application form, CV and supporting documents) to [kishoret@nitw.ac.in](mailto:kishoret@nitw.ac.in) on or before **15-03-2021**. The interview date will be communicated to the eligible candidates through e-mail or phone. Interview will be held virtually through Google meet.

Candidates who are already employed should produce 'No objection Certificate' (NOC) from the employer. Candidates should provide provisional degree certificate or its equivalent at the time of interview. The selected candidate is expected to produce a Relieving Certificate from their employer or provisional degree certificate in case of students and join the duties within a week after intimation of their selection. Else, the position would be offered to a candidate in waiting list. If more time is required to join, they should take permission from the principal investigator.

**Prof. T. Kishore Kumar**

Principal Investigator, Professor,

Department of Electronics and Communication Engineering ,

National Institute of Technology, Warangal - 506004, Telangana, India.

Email: [kishoret@nitw.ac.in](mailto:kishoret@nitw.ac.in) , Mobile: 8332969353

**APPLICATION FORMAT**

**Ref.: Advt. No. NITW/DRDO/JRF/2021 dated 24-02-2021**

<b>Full name</b>						
<b>Date of birth</b>						
<b>Detailed qualifications (starting from B.Tech/B.E.)</b>	<b>B.Tech/B.E.</b>			<b>M.Tech./M.E.</b>		
	<b>Branch &amp; CGPA/%</b>	<b>Year</b>	<b>University</b>	<b>Specialization &amp; CGPA/%</b>	<b>Year</b>	<b>University</b>
<b>GATE score</b>	<b>Score</b>			<b>Year</b>		
<b>Current Position and Organization, if employed</b>						
<b>Experience (academic/research)</b>						
<b>Complete Contact address</b>						
<b>Mobile number</b>						
<b>Email ID</b>						
<b>Publications in journals (if any)</b>						
<b>Publications in conferences (if any)</b>						
<b>Any other relevant information</b>						

**Signature of the Candidate with date**