

No:Advt/ IITT/CSRC/2223/15

10<sup>th</sup> December 2022

Applications are invited from eligible Indian national for the post of Senior research fellow (SRF) in a time bound sponsored project undertaken in the Department of Electrical Engineering.

<b><u>Temporary Position</u></b>	<b><u>Senior Research Fellow - 2</u></b>
<b>Essential Qualification &amp; Experience</b>	<b>M.Tech in Electronics/Communication Engineering with Specialization in RF &amp; Microwave Engineering with a minimum of 60% marks. Preference will be given to the candidate having valid GATE score.</b> <b>02 Years of Research (analysis/ simulation/ coding/ experiment) experience in the relevant area (High power gyrotrons, sub-terahertz wave sources and allied components).</b> <b>The selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, CMR, IIT, IISc, IISER, etc.,</b>
<b>Project Title</b>	<b>The Analysis and simulation of beam-wave interaction for dual-mode dual harmonic gyrotrons with the design of specific modules</b>
<b>Sponsoring Agency</b>	<b>DST/CRG Grant</b>
<b>No. of positions</b>	<b>Two</b>
<b>Consolidated monthly Salary</b>	<b>SRF- Rs. 35,000 + HRA per month (as per DST rules)</b>
<b>Principal Investigator (IITT)</b>	<b>Prof. MV Kartikeyan (PI)</b> <b>Dr. Abhishek Kumar Jha (Co-PI)</b>
<b>Department</b>	<b>Electrical Engineering</b>
<b>Tenure of Assignment</b>	<b>01 Year, Extendable another one year subject to satisfactory performance</b>
<b>Age Limit</b>	<b>32 Years</b>
<b>Last date for receipt of application</b>	<b>December 31, 2022</b>

Eligible candidates may send their **detailed CV (maximum 10 pages)** specifying the qualifications and experience on or before **31<sup>st</sup> December, 2022** to Dr. AK Jha, Assistant Professor, Department Electrical Engineering, IIT Tirupati at [akj@iittp.ac.in](mailto:akj@iittp.ac.in) & [src\\_office@iittp.ac.in](mailto:src_office@iittp.ac.in)

The shortlisted candidates will be informed by **E-mail only**. Selection will be based on the qualification, experience and interview. **No TA/DA will be paid for attending the interview**. Interview shall be conducted in the third week of January 2023. Candidate may appear in the interview through video conferencing. IIT Tirupati reserves the right to reject any or all the applications without assigning any reason thereof.