



**MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR**  
**Materials Research Centre**  
**Jawahar Lal Nehru Marg, Jaipur-302017, INDIA**

**Advertisement for the position of Junior Research Fellow (JRF) in DST funded (WTI call 2019) research project at Materials Research Centre, MNIT Jaipur.**

Applications are invited from the Indian Nationals for the position of Junior Research Fellow (JRF) in DST funded (WTI call 2019) research project with the following details:

**Title of the project:** Development of Opto-electrochemical sensor for ion & pesticide detection in drinking & irrigation water.

**Principal Investigator:** Dr. Himmat Singh Kushwaha, DST-Inspire Faculty, Materials Research Centre, Malaviya National Institute of Technology, Jawahar Lal Nehru Marg, Jaipur-302017, Mobile No.:+91-8219479180, Email id: [himmat.singh.mrc@mnit.ac.in](mailto:himmat.singh.mrc@mnit.ac.in);

**Name of the position:** Junior Research Fellow (JRF)

**Essential qualification:** The applicant must have a Master's degree in Engineering/Technology/ Science subject with CGPA not below 6.5 on a ten point scale or 60% marks (where CGPA is not awarded)

Other Qualifications:

1. M.Tech/ME or equivalent degree in Materials Science and Engineering, Metallurgical Engineering, Ceramics, Mechanical Engineering, Nanoscience, Polymer Technology, Electronics, Nanotechnology.
2. B Tech students graduating from an IIT with a CGPA of 8.0 or above in the above disciplines along with a valid GATE score OR B Tech / BE (from other reputed Institutions of National importance) with CGPA of 8.5 and above, are eligible to apply.
3. M.Sc in Materials Science/Physics/Chemistry Polymer Technology, Electronics, Nanotechnology or equivalent Master's degree in allied areas with a valid Gate/NET scorecard.
4. Candidates should have expertise in the electrochemical and optical characterization techniques.

**Consolidated Fellowship/Salary:** Rs. 31000/- per month for the first two years and Rs. 35000/- per month for the third year with 16% HRA.

**Duration:** The project duration is of three years. However, the post is purely temporary on contract basis with an initial appointment for a period of one year (likely to be extended yearly for a period of two more years or project duration whichever is earlier on periodic performance appraisal)

**How to apply:** Interested candidates must apply on the application form attached with this advertisement. Duly completed application form along with candidate's CV and a brief stating his/her suitability for this position must be mailed or emailed to the PI Dr. Himmat Singh Kushwaha([himmatsingh.mrc@mnit.ac.in](mailto:himmatsingh.mrc@mnit.ac.in)) so as to reach him by **20<sup>th</sup> February, 2021**. Only shortlisted candidates will be called for interview.

**Due date:** The application must reach the PI, **Dr. Himmat Singh Kushwaha**, by **20<sup>th</sup> February, 2021 by email**. Email id of PI: [himmatsingh.mrc@mnit.ac.in](mailto:himmatsingh.mrc@mnit.ac.in).

Candidates may also note the following points:

1. Selection committee of MNIT Jaipur reserves the right to fix suitable criteria for short-listing of eligible candidates.
2. Candidates will be short listed for the interview based on merit and experience of the available candidates. Only short-listed candidates will be notified for interview and decision of selection committee will be final. The date and time of **interview** will be informed by email to candidates and hence a valid email id should be provided by the candidate in the application. Candidates should furnish original certificates at the time of joining.
3. The candidate selected for the position of JRF will have the option to register for PhD program at MNIT Jaipur. However, for admission to PhD program at MNIT Jaipur, the candidate must meet eligibility requirements and also qualify the written examination and/or interview.

For any further information, the applicant may contact PI by email ([himmatsingh.mrc@mnit.ac.in](mailto:himmatsingh.mrc@mnit.ac.in)). For the application form please visit MNIT website (<http://www.mnit.ac.in>)