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राष्ट्रीय प्रौद्योगिकी संस्थान  
**NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR**  
 MAHATMA GANDHI AVENUE, DURGAPUR-713209  
 West Bengal, INDIA, [www.nitdgp.ac.in](http://www.nitdgp.ac.in) \

(An Autonomous Institution of the Govt. of India under MHRD)

Dated: 01/03/2024

**Advertisement for the post of JRF/Postdoctoral**

**Project Title:** Development of an IoT Based Organic-Inorganic Contaminants Removal System (CRS) for Purifying Domestic Wastewater through Constructed Wetland using Durable, Nano-Composite Jute-Geotextile Sandwiched LECA Cartridges

**Funding Agency:** National Technical Textiles Mission, Ministry of Textiles, Government of India.

**Duration:** 1.5 years

**Project Summary:** An attempt will be made in the proposed study to develop Durable, Nano-Composite Jute-Geotextile Sandwiched LECA Cartridges for Purifying Domestic Wastewater through Constructed Wetland. Moreover, the degradation of nano-composite JGT over time will be examined in a non-invasive way through IoT.

**Qualification:**

Name and Number of the post	Eligibility Criteria	Duration	Stipend
<b>JRF</b> No of the Post: One (01)	ME/MTech in Civil / Chemical / Environmental Engineering or relevant area with minimum 65% marks	Six months. Extendable up to approximately 1.5 years, subject to funding and satisfactory performance	Rs. 37,000/- per month for the stipend period + HRA as per institute norms
Post-doctoral fellow No of the Post: One (01)	PhD in Civil/Chemical/Environmental/Water Resources Engineering or relevant area with minimum 65% marks.	Six months. Extendable up to approximately 1.5 years, subject to funding and satisfactory performance	Rs. 58,000/- per month for the stipend period + HRA as per institute norms

**How to Apply:**

The eligible and interested candidates are encouraged to apply for the Online interview by sending a cover letter and their complete bio-data, mentioning relevant experience to the Principal Investigator e-mail ID ([mkmandal.che@nitdgp.ac.in](mailto:mkmandal.che@nitdgp.ac.in)) and subject of the mail should mention "Application for the post of Post-doctoral fellow in NTTM sponsored project" or "Application for the post of JRF in NTTM sponsored project" as applicable, within 15 days after the publication of the advertisement in the website.

**Mode of Selection:**

The short-listed candidates will be notified through email and the selection interview will be conducted through online.

**Terms and Conditions:**

1. Applications reaching after specified time may not ordinarily be entertained.
2. Canvassing in any form will disqualify the candidature.
3. The selected candidate is expected to join immediately after recruitment.
4. The selected candidate may have to work outside the normal working hours and normal working days without additional incentives.
5. Selected candidate will produce the original ID proof, the original mark-sheets, certificates etc. at the time of joining, otherwise his/her candidature will be rejected.
6. Other terms and condition will be as per those of NIT Durgapur.

*Mandal*  
01/03/24

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