



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: 12/01/2024

**Advertisement for the post of Project Assistant**

**Project Title:** Development of nano-composite jute-geotextile for high-speed railway embankment system to enhance the durability and its remotely health monitoring using Internet of Things (IoT).

**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 nano-composite jute geotextile(JGT) for using as reinforcement in the high speed railway embankment as well as in subgrade to enhance load bearing capacity of the embankment system to bear the stresses caused due to high speed train. Moreover, the degradation of nano-composite JGT over time will be examined in a non-invasive way through IoT.

**Qualification for PA:**

Name and Number of the post	Eligibility Criteria	Duration	Stipend
Project Assistant No of the Post: One (01)	Diploma in Civil Engineering with minimum marks. 65%	Six months. Extendable up to approximately 1.5 years, subject to funding and satisfactory performance	Rs. 18,000/- permonth for the stipend period

**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 ([spal.ce@nitdgp.ac.in](mailto:spal.ce@nitdgp.ac.in)) and subject of the mail should mention "Application for the post of Project Assistant in NTTM sponsored project on high speed railway embankment system" as applicable, on or before 30<sup>th</sup> January, 2024.

**Mode of Selection:**

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

**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.

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