



VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY
DEPARTMENT OF METALLURGICAL AND MATERIALS ENGINEERING
South Ambazari Road-440010, Nagpur, Maharashtra

Requirement of Assistant Project Engineer in the Department of Metallurgical and Materials Engineering

Applications are invited from motivated and eligible candidates for post of Assistant Project Engineer to work on **Rajiv Gandhi Science & Technology Commission (RGSTC)** funded research project.

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| Title of the project | Development of eco-friendly orange peel-reinforced chitosan-alginate-based composite films for sustainable food packaging and preservation applications |
| Scope of Project (Optional) | The project involves development of eco-friendly composite films with high biodegradability by utilizing renewable materials like Chitosan-Alginate blend and agricultural byproducts such as orange peel. This work would help to reduce food waste and foster waste-to-value conversion. Orange peel content in the chitosan-alginate matrix will be optimized to enhance the mechanical strength and barrier properties (against oxygen, moisture, and light) to ensure effective food preservation and extend packaged food's shelf life. For more information, candidates can write email to Dr. Anil Kumar at kumar.anilsah14@mme.vnit.ac.in |
| Name of the Post | Assistant Project Engineer |
| No. of posts | 01 |
| Duration | The post is purely temporary in nature. Initial appointment is for a period of one year, which can be extended up to 02 years solely based on satisfactory performance (maximum till project end date). |
| Min. Educational Qualification & Eligibility Criteria | Bachelor's Degree in Engineering (any discipline) or Master's degree in Science |
| Desired qualification | Overall good academic record, sound experimental and analytical skills in the area of degradable plastics/ bio-technology |
| Ph.D. Opportunity | The selected candidate will have the opportunity to register for a regular PhD program provided the candidate satisfies the eligibility criterion for the PhD program at VNIT Nagpur (https://vnit.ac.in/section/academics/admission/) |
| Details of Emoluments | Rs. 25,000/- per month (consolidated) |
| Mode of application | Interested candidates are requested to apply in the prescribed format (available online on institute website www.vnit.ac.in) by 30th January 2026 . The duly filled application form along with all the enclosures (detailed curriculum vitae, degree certificates, GATE/NET scorecard (if available) and other relevant documents) must be sent as a single pdf file to the principal investigator at following email address: kumar.anilsah14@mme.vnit.ac.in . Please mention " Application for the Post of Assistant Project Engineer (RGSTC project) in the Department of Metallurgical and Materials Engineering " in the subject line of email. Provide complete information about all essential eligibility conditions. Incomplete applications will be rejected. |
| Contact Details of PI/Co-PI | Dr. Anil Kumar ; Department of Metallurgical and Materials Engineering, Visvesvaraya National Institute of Technology, South Ambazari Road, Nagpur-440010. Email: kumar.anilsah14@mme.vnit.ac.in ; Phone: 7477743222 |
| Important notes | Only short-listed candidates will be intimated by email and will have to appear for a written test and/or interview on the date as communicated through email. No TA/DA will be paid for appearing in the interview. The decision of the Director, VNIT Nagpur will be final in all respect. |

Registrar, VNIT Nagpur