



**Visvesvaraya National Institute of Technology (VNIT), Nagpur  
Department of Chemical Engineering**

**RA Advertisement**

Applications are invited for the post (1 No.) of Research Associates (RA) to work on Industrial Research Project (File No. 06 dated: 22/06/2023)

**Title of the Project:** Study on Fly Ash Pigment as Green Alternative for High-Performance Paint Coating

**Duration of the project:** 1 year

**Emoluments:** Rs. 35,000 p.m. for the period of six months.

**Essential Qualification:** PhD Awarded / Submitted in Chemical Engg./Chemical Tech./Biochemical Engg. /Biotechnology/Nanotechnology AND M.E./M. Tech in Chemical Engg./Chemical Tech. /Biochemical Engg./Biotechnology/Nanotechnology/Environmental Engg./Industrial Pollution Abatement/Bio Process Engg. /Mineral Processing AND B.E. / B. Tech. in Chemical Engg./Chemical Tech./Biochemical Engg. /Biotechnology/Nanotechnology with a minimum of First Class (CPI or CGPA. greater than 6.75 on a 10 point scale) at Bachelor's or Master's level. Preference may be given to candidate having qualified GATE score or equivalent national level exam in past.

**Duties:**

- Conduct research and perform various physic-chemical assays for on Fly Ash Pigment and paint coating based samplings and investigations.
- Collaborate with sponsoring industry and thermal power plants for samplings and the related work.
- Design experiments, execute and analyze results. Write scientific reports; publish results in peer-reviewed scientific journals, national and/or international patents.

**Note:** The post is purely temporary in nature and initial appointment will be for six months, extendable upto 1 year based on performance of the candidate and constraints of the project.

Applications with full bio-data along with copies of certificates should be sent **by post/email** to

**Dr. Diwakar Z. Shende** (Principal Investigator)

Associate Professor,

Department of Chemical Engineering,

Visvesvaraya National Institute of Technology,

South Ambazari Road, Nagpur-440010.

[Phone: 0712-2801567, Mobile: 9422390841, e-mail: dzshende@che.vnit.ac.in]

**Short-listed candidates will be intimated by e-mail only. The candidates will have to attend the interview at their own cost. TA/DA is not admissible for attending the interview or for joining the post.**

**Final decision of Director, VNIT will be final in all the respects.**

**Important Dates**

Last date of application : 17/07/2023

Last date of Intimation by e-mail for interview : 18/07/2023

Interview : 20/07/2023 at 10.30 am (reporting 10.00 am)

**Declaration of result will be informed by email to the selected candidate only.**

**(Dr. Diwakar Z. Shende)**

Principal Investigator