



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

Project Assistant Advertisement

Applications are invited for the post (2 No.) of Project Assistant to work on Ordnance Factory Bhandara Project (No 9/2017/0019)

Title of the Project: Selective separation of water from acid mixture.

Duration of the project: 1 year

Emoluments: Rs. 12,400 p.m. (Fixed)

Essential Qualification:

B.E/B.Tech in Chemical Engineering/ Chemical Technology **or** MSc Chemistry

Duties:

- Conduct research for selective separation of water from the mixture of sulfuric acid and nitric acid using solid adsorbents.
- Design experiments, execute and analyze results for batch adsorption and regeneration.
- Study of Continuous adsorption and regeneration at lab scale equipment
- Chemical process modeling and simulation of this process using suitable software.
- Industrial level mechanical design of adsorption tower with regeneration unit using all above results and analysis
- Write scientific reports; publish results in peer-reviewed scientific journals, national and/or international conferences.

Note: The post is purely temporary in nature and initial appointment will be for Six months, likely to be extended for more Six months based on performance.

Soft copy of the application along with full biodata and relevant documents should be sent to maheshnvarma@gmail.com (preferred). Hard copy of the application should be sent to

Dr. M. N. Varma

Assistant Professor,

Department of Chemical Engineering,

Visvesvaraya National Institute of Technology,

South Ambazari Road, Nagpur-440010.

[Phone: 0712-280-1570, Mobile: 9273083142]

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.

Important Dates

Last date of application : 13/10/2017

Intimation by e-mail for interview : 13/10/2017

Interview : 16/10/2017, 10.30 am (reporting time 10.00 am)

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

(Dr. M. N. Varma)

Principal Investigator