



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

**JRF Advertisement**

Applications are invited for the post (1 No.) of Junior Research Fellow (JRF) to work on DST-SERB Extra Mural Research funded project (EMR/2016/003320).

**Title of the Project:** Nanoparticles of different shapes conjugated with drugs to achieve enhanced therapeutic efficacy in treatment of cancer

**Duration of the project:** 3 years

**Emoluments:** Rs. 25, 000 p.m. for first two years and Rs. 28, 000 p.m. for third year as sanctioned by DST.

**Essential Qualification:** M.E/M.Tech or B.E/B.Tech in Biotechnology/Biochemical Engineering/ Bio-process engineering/ Nanotechnology/Chemical Engineering/ Chemical Technology. Preference may be given to the candidate having qualified GATE score (M.E/M.Tech Candidates appearing for the last semester can also apply).

The selected candidate will have to register for Ph.D. program at VNIT as per institute norms.

**Duties:**

- Conduct research and perform various biochemical assays for nanoparticle-based delivery of drugs to cancer cell lines.
- Collaborate with scientists and technical personnel of Central India Institute of Medical Sciences, Nagpur and participate in collaborative efforts of other laboratories and institutes.
- Design experiments, execute and analyze results. 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 one year, extendable for next 2 years based on performance.

Soft copy of the application along with full biodata and relevant documents should be sent to [ravikumarc2006@gmail.com](mailto:ravikumarc2006@gmail.com) (preferred). Hard copy of the application should be sent to

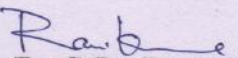
**Dr. C. Ravikumar**  
Assistant Professor,  
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Visvesvaraya National Institute of Technology,  
South Ambazari Road, Nagpur-440010. [Phone: 0712-280-1785, Mobile: 7639461007]

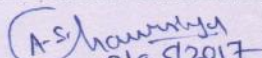
Short-listed candidates will be intimated by E-mail only. The candidates will have to attend the interview at their own cost. TA/DA is not admissible for attending the interview or for joining the post.

**Important Dates**

Last date of application : 26/05/2017  
Intimation by e-mail for interview : 26/05/2017  
Interview : 29/05/2017, 10.30 am (reporting time 10.00 am)

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

  
(Dr. C. Ravikumar) 18/5/2017  
Principal Investigator

  
18/05/2017