



The National Institute of Engineering

(Autonomous Institution Affiliated to VTU, Belagavi &

Recognised by AICTE, New Delhi)

Manandavadi Road, Mysuru – 570 008. Fax: +821-2485802,

Phone: +821-2480475 / 4004900, email: principal@nie.ac.in

Date: 27-06-2018

RESEARCH FELLOWS

Applications are invited from eligible candidates for the posts of Research Fellows for the projects at NIE:

Sl.No	Sponsoring Agency / Project	Requirement
1.	BRNS - 'Software tool for Fire Safety Audit to Quantify the Fire Safety Index (FSI) of any Building'	SRF-1 (B.E., with M.Tech., Civil fields) JRF-1 (B.E., IT sector)
2.	BRNS - 'Spectroscopic measurement of neutral and ion temperatures and their radial profiles in the edge region of Aditya Upgrade tokamak'	JRF-1 (M.Sc., Physics)
3.	MoES – 'Stream flow and Groundwater dynamics of Western Ghats'	JRF-1 (B.E. with GATE / M.Tech., Civil fields)

Please visit NIE website: www.nie.ac.in for more details. Last date for receiving applications: **07.07.2018**

**Sd/-
PRINCIPAL**

**Sd/-
HON. SECRETARY**

THE NATIONAL INSTITUTE OF ENGINEERING

Manandavadi Road, Mysuru – 570 008

Positions for JRF in DAE-BRNS (PFRC) Project

Applications are invited for the following post to work on a research project funded by Board of Research in Nuclear Sciences (BRNS), Department of Atomic Energy (DAE), and Government of India. The post is temporary for 2 years and co-terminus with the project

Name of the Project: Spectroscopic measurement of neutral and ion temperatures and their radial profiles in the edge region of Aditya Upgrade tokamak

(Ref. No. 39/14/10/2018-BRNS/39010, 02 April, 2018.)

Project Duration: 2 years

Name of Post: Junior Research Fellow (1 post)

Qualification for JRF position: MSc in Physics with sufficient exposure to Plasma Physics. Candidates having MTech with exposure to the relevant area may also apply.

Sufficient research exposure in the relevant area may be an added advantage for the candidate.

Fellowship: Rs. 25,000/- for JRF.

Applicants should send an application letter with CV containing relevant information to the Principal Investigator on or before Date. Application may be sent through email. Short-listed candidates will be informed by e-mail for an interview. The original certificates should be brought for verification at the time of interview. No TA/DAs permissible for attending the interview.

Principal Investigator: Dr. K. Sripathi Panchithaya K, Professor of Physics, The National Institute of Engineering, Manandavadi Road, Mysuru , 570 008.

(email: sripathik@gmail.com;)

Last Date: **7th July, 2018**

The National Institute of Engineering

(An Autonomous Institute under VTU, Belagavi)

Department of Civil Engineering, Manandavadi Road, Mysuru – 570 008

Advertisement for JRF Position in BRNS-DAE Sponsored Project

Applications are invited for the position of Junior Research Fellow (JRF) in the Board of Research in Nuclear Sciences (BRNS)-Department of Atomic Energy (DAE) and Government of India sponsored research project (No.34/14/17/2018-BRNS/34101, dated 15/06/18) at Department of Civil Engineering, The National Institute of Engineering, Mysuru. The post is temporary for 1.5Years and co-terminus with the project.

Title of the project:Software tool for Fire Safety Audit to Quantify the Fire Safety Index (FSI) of any Building

Nature of Engagement: Fellow is expected to perform research work as proposed in the BRNS research proposal and norms.

Project Duration: 1.5 Years

Name of post: Junior Research Fellow (1 Post)

Requirements:

1. Have good understanding of an Object Oriented language preferably python; Algorithms and data structures; Relational Database such as mysql, postgresql; web applications work; MVC architecture, API base web applications
2. Knows html, css and a framework such as Angular 2+, nodejs.
3. Proficiency in javascript or typescript
4. Ability and interest to pick up new languages on the job.

Eligibility: The candidates possessing first class B.E./B.Tech. Degrees from Computer Science Engineering are eligible. The higher qualification like master degree (M.Tech./M.E. in Software development) with minimum of 75%marks in the subject concerned, will be given preference. The candidate to be appointed as JRF should be below the age of 35 years at the time of appointment. The appointment is purely on temporary basis and continuation is subjected to yearly satisfactory performance till the completion of the project.

Fellowship: (As per BRNS norms): Rs.25000/- per month (Consolidated).

Applicants should send an application letter with CV containing relevant information to the Principal Investigator on or before Last Date. Application may be sent through email or post so as to reach before last date. Only Short-listed candidates will be informed by e-mail for an

interview. The original certificates should be brought for verification at the time of interview. No TA/DA is permissible for attending the interview.

Principal Investigator: Dr. N. Suresh, Professor, Department of Civil Engineering, The National Institute of Engineering, Mysuru – 570008, E-mail: suresh61.nie@gmail.com

Last date: 5th July 2018

The National Institute of Engineering

(An Autonomous Institute under VTU, Belagavi)

Department of Civil Engineering, Manandavadi Road, Mysuru – 570 008

Advertisement for SRF Position in BRNS-DAE Sponsored Project

Applications are invited for the position of Junior Research Fellow (JRF) in the Board of Research in Nuclear Sciences (BRNS)-Department of Atomic Energy (DAE) and Government of India sponsored research project (No.34/14/17/2018-BRNS/34101, dated 15/06/18) at Department of Civil Engineering, The National Institute of Engineering, Mysuru. The post is temporary for 1.5Years and co-terminus with the project.

Title of the project: Software tool for Fire Safety Audit to Quantify the Fire Safety Index (FSI) of any Building

Nature of Engagement: Fellow is expected to perform research work as proposed in the BRNS research proposal and norms.

Project Duration: 1.5 Years

Name of post: Senior Research Fellow (1 Post)

Requirements:

1. Have good understanding about fire hazards in a building, behavior of fire inside a building.
2. Knows fire risk ranking by Analytical Hierarchy Process, good in hazard analyses using event trees or fault trees, stochastic computer simulation models and statistical or probabilistic analysis relating the fire safety index.
3. Good knowledge of Non-Destructive Testing & Finite element analysis.
4. Capable of doing structural analysis using numerous FE tools.
5. Ability and interest to pick up new tools on the job.

Eligibility: The candidates possessing first class B.E./B.Tech degree from Civil Engineering are eligible with Master degree (M.Tech./M.E. in Structural Engineering) with minimum of 75% marks in the subject concerned will be given preference. The candidate to be appointed as SRF should be below the age of 35 years at the time of appointment. The appointment is purely on temporary basis and continuation is subjected to yearly satisfactory performance till the completion of the project.

Fellowship: (As per BRNS norms): Rs.28000/- per month (Consolidated).

Applicants should send an application letter with CV containing relevant information to the Principal Investigator on or before Last Date. Application may be sent through email or post

so as to reach before last date. Only Short-listed candidates will be informed by e-mail for an interview. The original certificates should be brought for verification at the time of interview. No TA/DA is permissible for attending the interview.

Principal Investigator: Dr. N. Suresh, Professor, Department of Civil Engineering, The National Institute of Engineering, Mysuru – 570008, E-mail: suresh61.nie@gmail.com

Last date: 5th July 2018

Department of Civil Engineering
THE NATIONAL INSTITUTE OF ENGINEERING
Manandavadi Road, Mysuru – 570 008

Applications invited from eligible **Male** candidates for the post of

Junior Research Fellow

in the three year project

**“Impact of LU/LC and catchment characteristics on Runoff and Groundwater
Dynamics of Western Ghats, Karnataka”,**
sponsored by the
Ministry of Earth Sciences, Govt. of India

Research encompasses extensive field investigations in forested and mountainous watersheds in Malnad areas. The candidates must be ready to travel and work in remote areas under challenging conditions and should desirably have experience in common softwares including GIS. They must be able to transact in Kannada, be ready to pursue Ph.D./ M.Sc. in the Water Sector and to work according to the terms and conditions of NIE and MoES.

Emoluments: Rs. 25,000 + HRA (First two years)

Qualification:

B.E. (Civil Engg.) with GATE qualification

or M.Tech. (or an Equivalent degree) in a relevant field of Civil Engg.

Contact: Co- Principal Investigators

Dr. R.Y. Putty (9880255920); Dr. Y. Javeed (9986062198)

e-mail: puttmys@nie.ac.in

Last date for submitting applications online: **5th July, 2018**, Hard copies written on plain paper, along with copies of relevant certificates must reach the Principal, NIE, on or before **7th July, 2018**