



**NATIONAL INSTITUTE OF TECHNOLOGY, ROURKELA – 769 008(ODISHA)  
SPONSORED RESEARCH, INDUSTRIAL CONSULTANCY & CONTINUING EDUCATION**

Advt. No.: NITR/SR/19/EE-ME/028/2019/L/398

Date: 15.07.2019

Applications are invited on prescribed format for the following assignment in a purely time bound research project undertaken in the Department of Mechanical Engineering of the Institute.

1.	Name of the Temporary Post	<b>Junior Research Fellow (01)</b>
2.	Name of the Research Project	<b>DST-IIT Bombay Energy Storage Platform on Hydrogen</b>
3.	Name of the Sponsoring Agency	DST, New Delhi
4.	Tenure of the Project	05 Years
5.	Tenure of the Assignment	05 Years
6.	Job Description	JRF is required to work on metal hydride based hydrogen storage device (MHSD). S/He needs to develop the proto-type reactor for storing hydrogen and also perform numerical investigation on MHSD.
7.	Consolidated monthly compensation / Fellowship	Rs.25,000/- per month (for first 2 years) Rs.28,000/- per month (for next 3 years)
8.	Essential Qualifications and experience	M.Tech or M.E (Thermal Engineering / Energy Engineering / Heat and Power Engineering / Cryogenics Engineering) with aggregate marks of 65% or 8.00 CGPA OR B.Tech or B.E in Mechanical Engineering with valid GATE score and CGPA > 8.0
9.	Desirable Qualifications/ Experiences	M.Tech or M.E in above discipline with journal publication(s), knowledge in the area of heat and mass transfer and also handling the simulation software.
10.	Accommodation	Bachelor or Married scholar accommodation in the Institute may be provided subject to availability.

For technical information on the project, the candidate may contact the Co-Principal Investigator at the following address:

Name : Prof. S. Anbarasu  
Address : Department of Mechanical Engineering,  
NIT Rourkela, Odisha 769 008.  
Telephone No : 0661-246 2534 (O), 99578 01606 (M)  
E-mail : [anbarasus@nitrkl.ac.in](mailto:anbarasus@nitrkl.ac.in)

Eligible persons may apply in the prescribed format (available in the Institute Website) affixed with colored photographs to be submitted in duplicate along with photo copies of relevant certificates, grade/ mark sheets, publications etc., to **Asst. Registrar, SRICCE, National Institute of Technology, Rourkela-769 008** on or before **16.08.2019**. The cover should be super-scribed clearly with the post Applied for & Name of the Project.

Eligible candidates may also appear in a **Walk-in Interview on 21.08.2019 at 10:00 AM in the Department of Mechanical Engineering, National Institute of Technology, Rourkela, Odisha 769 008**. The candidates are required to submit the complete filled up form (hard copy) at time of interview. The application form is available in the following link: [http://nitrkl.ac.in/OldWebsite/Jobs\\_Tenders/5ProjectFellowships/Doc/JRF%20LS-PND-64\(2\).pdf](http://nitrkl.ac.in/OldWebsite/Jobs_Tenders/5ProjectFellowships/Doc/JRF%20LS-PND-64(2).pdf), which must be filled by candidates and also required to attach photocopies of all supporting documents. The candidates are also required to bring relevant documents mentioned in the application form [such as original all mark sheets and certificates, research papers (if any), experience certificate (if any) etc.]

Mere possession of minimum qualification does not guarantee for the interview/selection. Candidates will be short listed/selected based on merit and need of the project.

**Sd/-  
Asst. Registrar (SRICCE)**

Copy to:

- 1) All Heads of the Departments, NIT Rourkela for publication on Departmental Notice Boards.
- 2) Prof. S. Anbarasu, Co-PI with a request to give wide publicity to advertisement.
- 3) Prof. Paresh Kale, Co-PI with a request to give wide publicity to advertisement.
- 4) Head of the Department, ME.
- 5) Head of the Department, EE.
- 6) Project file.