



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

ADVT NO: NITR/SR/ME/003/WI/ 300

Dated: 08.06.2018

Walk-in Interview will be conducted for following assignment in a time bound research project undertaken in the Department of Mechanical Engineering (ME) of the Institute on 25th June 2018 and Time 10:00 a.m.

01	Name of the Temporary Post	Junior Research Fellow (JRF)- 01
02	Name of the Research Project	Design and development of novel two and three dimensional oscillating heat pipes with connected headers for space applications
03	Name of the Sponsoring Agency	Science and Engineering Research Board (SERB)
04	Tenure of the Project	3 years
05	Tenure of the Assignment	3 years
06	Job Description	To carry out full time research & development work in line of the project. The objective of the project is to design and develop novel heat pipes with common headers. The job includes numerical simulation of phase change phenomena in heat pipe, design and fabrication of the experimental test rig, experimentation and analysis of the results.
07	Consolidated monthly Fellowship	Rs 25,000/- (1 st and 2 nd Yr), Rs 28,000/- (3 rd Yr)
08	Essential Qualifications and experience	BE/B.Tech in Mechanical Engineering with valid GATE score or ME/M.Tech in Thermal Engineering (Mechanical Engineering)
09	Desirable Qualifications/ Experiences	- ME/M.Tech in Thermal Engineering (Mechanical Engineering) -Research experience on heat pipe technology -Working knowledge of CFD simulation
10	Accommodation	Bachelor accommodation in the institute may be provided subject to availability.

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

Name: Dr. Manoj Kumar Moharana

Address: Department of Mechanical Engineering
National Institute of Technology Rourkela
Rourkela-769008 (Odisha)

Telephone No: 0661-2462533 (O), +91 7008111684 (M)

E-mail: moharanam@nitrkl.ac.in; mkmoharana@gmail.com

Date and Time for walk-in Interview: **June 25, 2018, Time 10:00 AM.**

Place of Interview: **Department of Mechanical Engineering, NIT Rourkela**

Eligible candidates should bring all the **original certificates and mark sheets, filled application form in the prescribed format (available in the Institute Website) affixed with recent colored photographs to be submitted in duplicate along with photo copies of relevant certificates, grade/mark sheets, publications etc. at the time of interview.**

Candidates will be selected based on merit and need of the project.

Asst. Registrar (SRICCE)

Copy to:

1. All Head of the Departments, NIT, Rourkela for publication on Departmental Notice Boards
2. Prof. Manoj K. Moharana, Principal Investigator with a request to give wider publicity
3. Head of the Department, ME
4. Project file.