Recruitment of JRF(MECH-02)

Application are invited for the positions of JRF (Temporary) in the SERB, DST funded projects.
(Duration: 3 Years)

Last date for receipt of applications : 29th October 2015


PROJECT-2: Simulation and Analysis of Fire Accidents in Passenger Train Cars.

Essential Qualification: First class in M.E/M. Tech, Mechanical Engineering with Thermal Engineering or related specialization. Prior experience in CFD is desirable.

Consolidated Salary: 25,000/- pm for first two years and 28,000/- pm for third year (with GATE Score or NET). 16,000/- pm for first two years and 18,000/- pm for third year (with No GATE Score or NET).

Interested and eligible candidates may send their resume by email to: principal@mits.ac.in or dean-research@mits.ac.in

For more details visit: www.mits.ac.in
Advertisement for the position of temporary JRF

Applications are invited from the interested candidates for one temporary position of Junior Research Fellow (JRF) to work in a Science and Engineering Research Board (SERB) sponsored Project entitled “Experimental Investigations and Hybrid Approach for Modeling & Multi Objective Optimization of Pulsed Laser Milling of Micro-Channels”.

Details of qualifications, Emoluments and duration are given below:

<table>
<thead>
<tr>
<th>Name of position</th>
<th>Junior Research Fellow (JRF)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Essential</td>
<td>First class M.Tech /M.E in Mechanical Engineering/Advanced Manufacturing Systems/ Production Technology / Machine Design / CAD/CAM or any other Manufacturing Allied specialization</td>
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<tr>
<td>Qualifications</td>
<td></td>
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<tr>
<td>Duration</td>
<td>3 Years</td>
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<tr>
<td>Consolidated Salary</td>
<td>25,000/- pm for first two years and 28,000/- pm for third year (With GATE Score or NET). 16,000/- pm for first two years and 18,000/- pm for third year (With No GATE score or NET)</td>
</tr>
</tbody>
</table>

Interested and eligible candidates may send their resumes by email to: principal@mits.ac.in or dean-research@mits.ac.in.

The interview date will be communicated to the eligible candidates through e-mail or phone.

For any further information or clarification, the candidates may contact the Principal Investigator (address and phone number given below).

No TA/DA will be paid for attending the interview.

Dr. G. Harinath Gowd
Principal Investigator
Professor & Head
Department of Mechanical Engineering
Madanapalle Institute of Technology & Science (UGC- Autonomous)
Post Box.No. 14, Angallu, Madanapalle - 517325
Andhra Pradesh, INDIA
Email: harinathgowdg@mits.ac.in
Tel: 9160020782 (O), 9441190044 (M), 08571-280555 (Extn. 126)
Advt. No. MITS/ME/ SERB/JRF/2015 Date: 13-10-2015

Advertisement for the position of temporary JRF

Applications are invited from the interested candidates for one temporary position of Junior Research Fellow (JRF) to work in a Science and Engineering Research Board (SERB) sponsored Project entitled “Simulation and Analysis of Fire Accidents in Passenger Train Cars”.

Details of qualifications, Emoluments and duration are given below:

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<td>Position Description</td>
<td>The Junior Research Fellow will assist the PI of the said project in the following tasks</td>
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<tr>
<td></td>
<td>1. Survey of literature on project related topics</td>
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<td>2. Developing computational models for prediction of fire dynamics</td>
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<td>3. Simulating fire accidents using suitable CFD software</td>
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<td>4. Write programs in C/C++ for CFD simulations</td>
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<td>5. Analyzing the results using visualization software</td>
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<td>6. Preparing monthly reports on the progress of the project tasks</td>
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<td>7. Writing research papers for publication in journals</td>
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<td></td>
<td>In addition the JRF may be given teaching and other related duties to suit the needs of the PI and the Department and to provide an all-round academic training to the JRF.</td>
</tr>
</tbody>
</table>

Essential Qualifications

First class M.Tech /M.E in Mechanical Engineering with Thermal Engineering or related specialization

Desired Skills

C/C++ Programming, Knowledge of CFD techniques, experience in turbulence modeling, reacting flows, multi-phase flows, ANSYS FLUENT and TECPLOT

Duration

3 Years

Consolidated Salary

25,000/- pm for first two years and 28,000/- pm for third year (With GATE Score or NET).

16,000/- pm for first two years and 18,000/- pm for third year (With No GATE score or NET)

Interested and eligible candidates may send their resumes by email to: principal@mits.ac.in or dean-research@mits.ac.in.

The interview date will be communicated to the eligible candidates through e-mail or phone. For any further information or clarification the candidates may contact the PI (address and phone number given below).

No TA/DA will be paid for attending the interview.
Dr. Suryanarayana Raju Pakalapati  
Principal Investigator
Professor  
Department of Mechanical Engineering  
Madanapalle Institute of Technology & Science  
(UGC-Autonomous)  
Post Box.No. 14, Angallu, Madanapalle - 517325  
Andhra Pradesh, INDIA  
Email: drsurya@mits.ac.in  
Tel: 9100973376 (M), 08571-280555 (Extn. 126)