



**NATIONAL INSTITUTE OF TECHNOLOGY,
TIRUCHIRAPPALLI – 620015
DEPARTMENT OF MECHANICAL ENGINEERING**

Date: 02 June 2015

Applications are invited from bright young candidates for the post of Junior Research Fellow (JRF) for **ISRO RESPOND** project.

Project Title : *Study on the heat transfer characteristics of low melt alloy encapsulated PCM for satellite avionics thermal management*

| Position | No. of Vacancies | Essential Qualifications | Experience/ Preference | Monthly Emoluments |
|------------------------------|------------------|--|---|---|
| Junior Research Fellow (JRF) | 01 | M.E/M.Tech (with specialization in Thermal Engineering, Nanotechnology, Energy, and relevant streams of Mechanical Engineering) with B.E. / B.Tech (Mechanical Engineering) | Prior experience in research/academic field is preferred. Basic programming knowledge in Matlab or C or C++ is preferred | Rs. 25000/- for 1 st and 2 nd year and Rs. 28,000 for the 3 rd year. |

Duration of the Project: 3 Years

Funding Agency: *Indian Space Research Organization*

HOW TO APPLY:

The candidates interested in the above area of research may apply in the prescribed application form (format attached) with complete information and attachments (copy of certificates /documents) and send the same **by Post** to

Dr. S. SURESH
Assistant Professor
Department of Mechanical Engineering
National Institute of Technology, Tiruchirappalli
Tiruchirappalli – 620 015

Last date for receipt of filled in application: **16:00 hrs, 22nd June 2017**

Please write “**Application for the post of JRF**” on top of the cover.

A copy of the filled in application form (without any attachments of documents) can be sent by email to **sureshsiva31tar@gmail.com**

Only shortlisted candidates will be informed by e-mail/Mobile and no separate call letter will be issued for the same. No TA/DA will be provided to the candidates called for the written exam/interview.

Date of the written examination and interview will be intimated by e-mail to the shortlisted candidates.

The selected candidate will be permitted to register for Ph.D. subject to satisfying the eligibility criteria as per NIT, Tiruchirappalli rules.

The position is *purely temporary* and ends along with the project (3 years). It doesn't confirm any permanent position at NIT Trichy. NIT Trichy *reserves the right to reject* any or all the applications without assigning any reasons thereof.

For any further information/clarification, the applicant may contact the PI by email mentioned above.

Dr. S. Suresh
Principal Investigator
Email: sureshsiva31tar@gmail.com
Mob: 9842483638



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DEPARTMENT OF MECHANICAL ENGINEERING**

APPLICATION FORM FOR THE POSITION OF JRF

Project Title: *Study on the heat transfer characteristics of low melt alloy encapsulated PCM for satellite avionics thermal management*

| | |
|---|--|
| For Office Use: | Paste your recent Passport size photo |
| Serial Number: | |
| Eligible for Written exam/Interview: Yes / No | |
| Verified the Certificates: | |

1. Name:

2. Father's Name:

3. Date of Birth:

4. Contact information:

(i) Address for Communication:

.....

(ii) Mobile No:

(iii) Email ID:

5. Educational Qualifications*

| Class | Specialization | Name of Institution | Board/ University | Marks/ CGPA | Year of Passing |
|-------------------|----------------|---------------------|----------------------|----------------|--------------------|
| X | | | | | |
| XII | | | | | |
| B.E./ B. Tech. | | | | | |
| M.E. M.Tech | | | | | |

| Competitive Exams | Qualified | Marks/Rank | Year |
|-------------------|-----------|------------|------|
| CSIR/UGC NET | Yes/No | | |
| GATE | Yes/No | | |

*Attach Self-attested Photocopies of all certificates.

6. Work Experience, if any (in years).....

| Organization | Designation | Duration | Responsibilities |
|--------------|-------------|----------|------------------|
| | | | |
| | | | |

7. No of Publications: (Attach a separate list of publications with full details)

National:.....

International:.....

8. Workshop/Training programs attended:

| S.No. | Details |
|-------|---------|
| | |

9. Other achievements, if any

| S.No. | Details |
|-------|---------|
| | |

10. Declaration: All the above information provided by me is true to the best of my knowledge and I understand that, if found incorrect, I may be disallowed to appear in the interview/test.

Signature of the Candidate

Date:

Place: