

**DEPARTMENT OF MECHANICAL ENGINEERING
COLLEGE OF ENGINEERING
GUINDY CAMPUS, ANNA UNIVERSITY
CHENNAI - 600 025**

Ref.No. : DST/ IND/ RFBR/ IDIR/ P-04/ 2016

DATE: 29.05.2019

Application call for – Post of Research Associate in Indo – Russian Joint Project sponsored by DST India.

Applications are invited for the post of Research Associate on a temporary basis for the Indo – Russian joint project sponsored by DST, India in the Department of Mechanical Engineering, College of Engineering, Guindy Campus, Anna University, Chennai- 600 025.

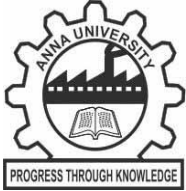
- Title of the project : **“Experimental and theoretical studies of tensile deformation and fracture in presence of martensitic transformation in nano-, micro- and macro-structured alloys”**
- Tenure of the project : 1 Year
- Qualification : Ph.D/MS or having 3 years of research, teaching and design and development experience after ME/M. Tech with at least one research paper in Science Citation Indexed (SCI) journal.
- Desirable : Familiarity with mathematical models related to continuum mechanics and constitutive models for crystal plasticity and phase field simulation. Skills in writing using Abaqus explicit or implicit User Subroutines like UMAT/VUMAT, UHARD, USDFLD etc., in FORTRAN language for materials simulation in nano-, micro- and macro- structured alloys.
- Emoluments : The selected candidate will be taken as Research Associate and will be paid a consolidated salary of Rs.38000/- + 30% HRA. The fellowship will be provided initially for a period of six months. Continuation of the fellowship is subject to satisfactory performance and review at the end of sixth month.

General Instructions:

1. Interested and eligible candidates are requested to submit their application in the enclosed format along with attested copies of certificates on or before 14.06.2019.
2. Shortlisted candidates will be called for interview based on the eligibility criteria and the appointment is purely temporary.
3. No T.A / D.A will be provided to attend the interview.
4. The date and time for interview will be informed to the candidates through email.

Address for correspondence:

Dr. S. Balasivanandha Prabu,
Co. Investigator,
Professor,
Department of Mechanical Engineering,
CEG Campus, Anna University, Chennai -25.
Email: sivanandha@rediffmail.com.



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Applications for the temporary post of Research Associate for the DST, Govt. of India, New Delhi sponsored project entitled "Experimental and theoretical studies of tensile deformation and fracture in presence of martensitic transformation in nano-, micro-, and macro- structured alloys" in the Department of Mechanical Engineering, Anna University - CEG Campus, Chennai – 25.

For Office Use only

| | | |
|-----------------|--|--|
| Ref. No. | | Affix your recent passport size photo |
| Application No. | | |
| Received Date: | | |

To be neatly written in their own handwriting/typed

1. Name of Applicant :
(IN CAPITAL LETTERS)
2. Current Designation/ Affiliation :
3. Name of the Father/ Husband :
4. Date of Birth/ Age :
5. Sex :
6. Marital Status :
7. Nationality/ Religion :
8. Address
I) Permanent :
- II) Correspondence :
9. Contact Phone Number : Resi: Mobile: Office:
10. Email Address :

11. Whether SC/SCA/ST/MBC/BC/OC/ PH :

12. **Academic record:** For each of the following examinations, starting from Matriculation to the highest qualification:

| Sl. No. | Degree | Name of the College / University | Year of passing | Specialization | % of marks |
|---------|--------|----------------------------------|-----------------|----------------|------------|
| 1 | | | | | |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |

* In case of CGPA/CPI, please give marks in percentage with conversion formula

13. Details of NET/GATE Qualification if any:

Year of Passing:

Percentile score:

Rank:

14. **Experience:** (Industry, R&D, Academic, Consultancy, Others – Starting from the present employer)

| Position held | Name & address of the employer | Nature of work | Period | | Total service |
|---------------|--------------------------------|----------------|--------|----|---------------|
| | | | From | To | |
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15. Title of UG/PG project work:

16. Number of Patents/Publications in Journals/Conference proceedings/Books: (Attach list of publications/reprints separately)

17. Award & Fellowships received, if any:

18. Number of thesis supervised at UG/PG level, if any:

19. Give summary of your research area of interest within one page along with references.

20. Any other information you would like to provide in support of your application

21. **Declaration:** I declare that the information furnished above is true and correct to the best of my knowledge and belief, and that no related information is concealed. If any discrepancy is observed at any stage, Anna University- CEG Campus, Chennai -25 will be free to cancel my selection/candidature.

Date:

Place:

Candidate's signature

INSTRUCTIONS FOR FILLING UP THE APPLICATION FORM (Applications not submitted in proper format is likely to be rejected):

1. Application form should be neatly typed or handwritten in **CAPITAL LETTERS**.
2. Enclose **attested photocopies of relevant certificates/proofs** wherever necessary.
3. Duly filled Application along with enclosures should be submitted in envelope mentioning **Application for the post of Research Associate in the DST, New Delhi** sponsored project entitled "**Experimental and theoretical studies of tensile deformation and fracture in presence of Martensitic transformation in nano - micro and macro structured alloys**" on top of the envelope.
4. The competent authority of the University reserves all right to cancel/modify any of the above posts.