

**DEPARTMENT OF CIVIL ENGINEERING**  
**THAPAR INSTITUTE OF ENGINEERING & TECHNOLOGY, PATIALA**  
(Deemed-to-be University u/s 3 of the UGC Act, 1956)

December 22, 2017

**ADVERTISEMENT FOR POST OF RESEARCH ASSOCIATE (RA)/ SENIOR  
RESEARCH FELLOW (SRF)/JUNIOR RESEARCH FELLOW (JRF)**

Applications are invited for one post of RA/SRF/JRF to work in the CSIR sponsored research project (Sanction No: 22(0760)/17/EMR-II) on “**Analysis of Virus Transport through Subsurface Media**” in the Department of Civil Engineering And Department of Biotechnical Engineering, Thapar University, Patiala for a period of 3 years. The format of the application form is attached. Candidates have to apply in attached format along with photocopies of the candidate’s professional and academic certificates.

<b>Position &amp; Salary</b>	<b>Essential qualifications</b>
<b>Research Associate, RA</b> Rs. 36,000/- + H.R.A. (as per norms)	Possessing Doctorate (Ph.D) or equivalent OR Possessing 3 years of research, teaching and design and development experience after ME/MTech.
Senior Research Fellow, SRF Rs. 14,000/- + H.R.A. (as per norms)	Possessing ME/MTech. Or equivalent degree in Engineering and Technology. Or Possessing BE/BTech/MSc. or equivalent and atleast 2 years of post BE/BTech./MSc research/teaching experience.
Junior Research Fellow, JRF Rs. 12,000/- + H.R.A. (as per norms)	Possessing BE/BTech/MSc. or equivalent degree with 55% marks and passing of NET/GATE test.
* The candidates interested in registering for Ph.D. will be preferred.	

BE/Btech, ME/Mtech and Ph.D in Civil Engineering/Environmental Engineering/Agricultural Engineering/Biotechnical Engineering can apply. MSc in Environmental Engineering/Biotechnical Engineering with NET/GATE score can also apply.

The fellowship will be offered initially for a period of one year, which can be extended further, depending on the performance evaluation by the committee and will be coterminus with the duration of the project.

The fellowship is for a period of three years.

- Candidates will be short listed for the interview based on merit and experience of the available candidates and decision of the selection committee will be final.
- The date and time of interview will be informed by email only.
- No TA/DA will be given to the candidates called for the interview.
- Applications complete in all respects should be sent to the Principal Investigator of the CSIR project at the following address or through email within 15 days from the advertisement.

For any further information/clarifications, the applicants may contact P.I. directly by Email/Phone.

Dr. Dwarikanath Ratha (Principal Investigator)  
Associate Professor  
Department of Civil Engineering  
Thapar University, Patiala - 147004 (Punjab)  
Phone: 0175-2393032/9780696728  
Email: [dnath.ratha@thapar.edu](mailto:dnath.ratha@thapar.edu)

## COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH

### APPLICATION FORM FOR JUNIOR RESEARCH FELLOW/SENIOR RESEARCH FELLOWSHIPS/ RESEARCH ASSOCIATE UNDER CSIR RESEARCH SCHEME

1. Title of the scheme:
2. Principal Investigator's name, designation and place of work:
3. Sanction number of the scheme and duration:
4. Full name of Applicant in block letters (surname is to be under-lined):
5. Present address:
6. Permanent address:
7. Whether belonging to SC/ST/OBC? Yes/No (If yes, the name of Caste/Tribe may be mentioned and certificate enclosed):
8. Date of birth:
9. Nationality:
10. Father's/Husband's name:
11. Educational qualifications (bachelor degree onwards):
  - a) Degree/Diploma
  - b) University/Institute
  - c) Subject(s)
  - d) Year of passing
  - e) Division/Grade
  - f) Marks Percent
12. Are you registered for a higher degree? Yes/No
  - (a) If 'yes' please indicate
    - (i) Title of the degree
    - (ii) University
    - (iii) Date of registration
  - (b) If 'no' please indicate whether you propose to register for a higher degree? Yes/No
13. Have you any research/teaching experience? Yes/No  
If yes, give details about the institution, duration of work, emoluments and work done

14. Have you been a recipient of a research fellowship before? Yes/No

If 'yes', please give details of the dates, and amount of award, duration and names of the concerned Scheme, Principal Investigator, Institution and Supporting Agency.

15. Publications (attach reprints of published work and copies of papers communicated and give list of published papers in terms of name(s) of author(s), title, journal, year and volume and page numbers):

16. DECLARATION

I am willing to work as a Junior/Senior/Research Fellow/Associate in the research scheme entitled

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If the Fellowship/Associateship is awarded to me, I undertake to engage myself whole time for research under the guidance of the Principal Investigator of the scheme. I have read 'Terms and Conditions of CSIR Research Grants' and accept and agree to abide by these. I have noted that the Fellowship/Associateship is co-terminus with the Scheme.

I certify that, to the best of my knowledge and belief, the particulars given in this application are correct.

Signature of the Candidate

Date:

17. ATTESTATIONS (by the PI and Head of the Institution):

I certify that the information given by the applicant, including that in Columns 8 and 11 is correct. On the advice of the duly appointed Selection Committee the candidate is recommended for the award of a Junior/Senior Research Fellowship/Research Associateship for the duration of the Scheme from

\_\_\_\_\_.

Date:

Signature, Name and Designation  
of the Principal Investigator

Necessary facilities will be provided to the Research Fellow for work on the above problem for the duration of the scheme.

Date:

Signature and Name of the Head  
of the Institution with seal