

**Advertisement for the post of JRF and SRF in MeitY sponsored research project**

Project Title: “Development of focused Compact Microwave Hyperthermia Applicator for small cancerous tumors”

**Duration of Project: 3 years**

Position	Essential qualifications
<b>JRF (1No.)</b>	B.E/BTech/M.E./M.Tech in ECE or Mechanical Engineering <b>Desirable:</b> <ul style="list-style-type: none"><li>• The candidate should have knowledge of bio-heat transfer physics, computational fluid flow and heat transfer applications.</li><li>• The candidate should have hands-on experience in working with programming languages such as FORTRAN, C, C++, MATLAB, and other software packages like COMSOL Multiphysics and ANSYS Fluent.</li><li>• Candidates with NET/GATE qualified and research experience in the relevant field would be given preference.</li></ul>
<b>SRF (1 No.)</b>	Possessing Doctorate (PhD in Electronics Engineering) or M.E./M.Tech in ECE <b>Desirable:</b> <ul style="list-style-type: none"><li>• The candidate should have hands-on experience in working with <b>CST microwave studio</b>, MATLAB, and other software packages like COMSOL.</li><li>• Two Years of research experience</li><li>• Candidates with NET/GATE qualified and research experience in the relevant field would be given preference.</li></ul>

**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 co-terminus with the duration of the project**

- 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.

For any further information/clarifications, the applicants may contact Co-Investigators directly

FOR ECE	FOR MED Domain
<b>Dr. Mayank Kumar Rai,</b> Associate Professor, Co- Investigator (M) 8146158475	<b>Dr. Neeraj Kumar,</b> Assistant Professor, Co-Investigator (M) 7789810221

Applications complete in all respects should be sent to **Dr Mayank Kumar, Rai, Co-Investigator** within 15 days from the publication of advertisement at the following email address

Email: [mkrai@thapar.edu](mailto:mkrai@thapar.edu)

**Dr. Rajesh Khanna, Professor**  
**Chief Investigator,**  
ECED, TIET Patiala 147004

## APPLICATION FOR JRF/SRF IN MeitY SPONSORED RESEARCH PROJECT

SUBJECT APPLIED FOR: \_\_\_\_\_

Recent  
passport size  
photograph to  
be affixed

01. Name of Fellowship : JRF/SRF
02. Name in Block Letters : .....
03. Father's/ Husband's Name : .....
04. (a) Marital Status : Married/Single : .....(b) Nationality:.....
05. (a) Category : SC/ST/OBC/PH/Gen:..... (b) Date of Birth..... (c) Age.....Yrs..... months
06. Address for Communication
- .....
- .....

07. Contact Details: Phone:..... : Mobile: .....

Permanent Residence.....

E-mail ID: .....

08. Educational Qualifications (From SSC/Matric onwards. Attested copies to be enclosed):

Examination Passed	Subject (S)	University or Board	Month & Year of passing	Division or class	% of Marks

09. Experience:

Name of the organisation with design.	Period of service		Salary	Reasons for leaving
	From	to		

10. Whether Qualified in UGC/CSIR/NET/GATE Examination: YES/NO

If yes give details (proof to be enclosed)

11. Have you ever been interviewed in any CSIR Unit, if so give details:

12. Any other information

13. **DECLARATION:** I hereby declare that, the above furnished particulars are correct and no information is suppressed.

Place:.....

Date:.....

Signature of the candidate