September 27, 2022

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

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<th>Position</th>
<th>Essential qualifications</th>
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| **JRF (1 No.)** | B.E/BTech/M.E./M.Tech in ECE or Mechanical Engineering  
Desirable:  
• The candidate should have knowledge of bio-heat transfer physics, computational fluid flow and heat transfer applications.  
• 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.  
• Candidates with NET/GATE qualified and research experience in the relevant field would be given preference. |
| **SRF (1 No.)** | Possessing Doctorate (PhD in Electronics Engineering) or M.E./M.Tech in ECE  
Desirable:  
• The candidate should have hands-on experience in working with CST microwave studio, MATLAB, and other software packages like COMSOL.  
• Two Years of research experience  
• Candidates with NET/GATE qualified and research experience in the relevant field would be given preference. |

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

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

Dr. Rajesh Khanna, Professor  
Chief Investigator,  
ECED, TIET Patiala 147004
APPLICATION FOR JRF/SRF IN MeitY SPONSORED RESEARCH PROJECT

SUBJECT APPLIED FOR: __________________________

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: ………………………………… ..

E-mail ID: ..........................................................................................

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

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<th>Examination Passed</th>
<th>Subject (S)</th>
<th>University or Board</th>
<th>Month &amp; Year of passing</th>
<th>Division or class</th>
<th>% of Marks</th>
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09. Experience:

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<th>Name of the organisation with design.</th>
<th>Period of service</th>
<th>Salary</th>
<th>Reasons for leaving</th>
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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