

Department of Mechanical Engineering
SRM University – AP, Amaravati



Junior Research Fellow (JRF) – 1 Post

Applications are invited for the position of Junior Research Fellow (JRF) under the following Science and Engineering Research Board (SERB), Govt of India sponsored Research project entitled ‘**Design and development of “smart” and “hybrid” parallel microchannel cooling system to address the cooling challenges of electronic components**’ (Reference no. SRG/2021/000639).

Project summary: The key objective of the project is to develop the parallel microchannel cooling system (PMCS) integrated with U, I and Z flow configurations with automatic hot spot sensing feature to suit for the real time cooling challenges of electronic components.

Principal investigator: Dr Lakshmi Sirisha Maganti.

Eligibility: GATE/CSIR-UGC NET qualified B.Tech./M.Tech. graduates in Mechanical/Thermal Engineering. Candidates having skills in flow automation, programming, control systems and CFD will have an added advantage.

Emoluments and duration: Rs 31,000 per month consolidated pay; **Duration:** 2 years (SRM – AP provides free accommodation and food).

Interested candidates may apply by sending an e-mail to **Dr Lakshmi Sirisha Maganti** (lakshmisirisha.m@srmmap.edu.in). Application should include a cover letter explaining their motivation to apply for the JRF position along with CV. Deadline for receiving applications is **10 December 2021**.

For details, please visit the official website of SRM University – AP (<https://srmmap.edu.in/careers/other-positions/>).

Note: Please mention the JRF-SERB Project in the subject line of the mail.

Short-listed candidates will be called for the virtual interview via ZOOM/Physical mode at SRM University – AP, Amaravati. No TA/DA will be provided for attending the interview.

Advertisement for a JRF position in the SERB-DST funded project.

Applications are invited for a fully-funded JRF position to carry out a research project under SERB-DST, Gol (*Ref: SRG/2021/001465*).

Eligibility: First-Class M.Sc. In Physics with consistently good academic record and sound knowledge in physics, preferably a valid NET / GATE qualification in Physics.

Fellowship: Rs. 31,000/- month for 2-years along with HRA as per DST norms.

For more information:

https://bit.ly/SG_GScholar

https://bit.ly/SG_SRMAP



Project Title: Transparent, conducting, self-cleaning rGO (reduced Graphene Oxide) surface: large area and single step growth using Pulsed Laser Deposition

How to apply: Application should include a cover letter explaining their motivation to apply for the JRF position along with CV as a single PDF file with the details of all educational and experience. Submit your application by scanning the QR code below / link on or before **Dec 15, 2021**.

Selection procedure: Shortlisted candidates will be called for a virtual interview via Zoom / Physical mode. The date of the interview will be informed by email.



<https://bit.ly/SG-SERB-DST-APPLN>

Principal Investigator:
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