



# Birla Institute of Technology & Science, Pilani

Pilani Campus

Prof. Srinivasan Periaswamy, Ph.D.

Professor Department of Mechanical Engineering

Associate Dean, WILP Division

## RECRUITMENT OF RESEARCH STAFF POSITION (JUNIOR RESEARCH FELLOW) FOR SERB-DST/CRG PROJECT

**Date: 08/07/2023**

Applications are invited for **one position of Junior Research Fellow (JRF)** in CRG/2022/002988, Department of Science and Technology, GoI funded project to work on research proposal entitled "Design and development of crop residue-based roof insulation with Phase Change Materials for livestock rearing shelters: An environment-friendly business model for doubling farmer women's income in Arid and Semi-Arid zones".

This is a multidisciplinary project focusing on modifying the roof of livestock using cost effective, eco friendly crop residue and phase change materials to improve the living condition of the livestock to enhance the productivity of livestock towards increasing the farm women's income. JRF is expected to work on modeling and simulation of roofing of the livestock and experimentally validate the system in order to enhance the living condition of livestock. This will involve the CFD simulation, thermal analysis, design, fabrication and experimentation. The JRF will also get an opportunity to work with other researchers of BITS Pilani. Selected candidate will be given the opportunity for a full time PhD program at BITS-Pilani as per the institute norms.

- ✓ **Essential Qualification:** ME/MTech (Thermal/Renewal Energy)
- ✓ **Fellowship:** @31,000/- p.m. for 1&2 year and @35,000/- p.m. for 3<sup>rd</sup> year
- ✓ **Duration:** Three years
- ✓ **How to apply:** Interested and eligible candidates can send their C.V. or resume, a cover letter with details about educational qualifications, research experience, describing brief motivation and other relevant information to the PI (**Prof. Srinivasan Periaswamy**) at [psrinivasan@pilani.bits-pilani.ac.in](mailto:psrinivasan@pilani.bits-pilani.ac.in) with the subject "**Application for JRF position**" on or before **20/07/2023**.

Shortlisted candidates will be informed through email for the online interview (Google meet).

Notes:

- Non-NET/Non-GATE applicants would be considered at the fellowship of Rs 25,000/- pm as per DST.
- For any queries regarding the position, please feel free to email the PI.
- The selected candidate will be encouraged to join the PhD program at BITS Pilani, as per the institute rules
- No TA/DA will be paid for attending the interview.

The candidates may visit the URL of Researchers involved in the project as mentioned below:

Prof. Srikanta Routroy: <http://universe.bits-pilani.ac.in/pilani/srikanta/profile>

Prof. P. Srinivasan: <https://www.bits-pilani.ac.in/pilani/psrinivasan/profile>

**Prof. Srinivasan Periaswamy**

**(Principal Investigator)**



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