



Birla Institute of Technology & Science, Pilani

K K Birla Goa Campus

JRF position under SERB-DST funded project

Applications are invited for the position of Junior Research Fellow (JRF) in the Department of Mechanical Engineering at BITS Pilani, K. K. Birla Goa Campus, Goa for a SERB-DST sponsored research project titled “Development of enhanced heat pipes with superhydrophobic and superhydrophilic surfaces and wettability gradients for high density electronics cooling”

Principal Investigator: Dr. Vadiraj Hemadri

Co-Principal Investigator: Dr. Siddhartha Tripathi

Broad area of Research: Multiphase heat transfer. Surface chemistry

Duration of the project: 3 years

Fellowship Amount (Rs.): 31000 pm

Last date of Application: 20th April 2021

Accommodation: Hostel accommodation will be provided subject to availability and will be governed by the rules and regulations of the Institute prevailing at the time of joining of the candidate.

Qualification: Candidates must hold a 1st Class M.Tech/M.Sc/MS/ME/B.Tech/B.E in Mechanical Engineering/Chemical Engineering or equivalent. Preference will be given to candidates with GATE qualification. Candidates having good knowledge in heat transfer, surface chemistry (wettability alterations) or fluid dynamics will be given preference. Candidates will be required to conduct experiments and computational studies as part of the project work.

How to Apply: Interested candidates may send their curriculum vitae with contact details and details of research experience to the principal investigator (email: vadirajh@goa.bits-pilani.ac.in). Shortlisted candidates will be contacted via e-mail for online interview.

Note: Selected candidate will get a chance to apply for PhD degree at BITS Pilani, K. K. Birla Goa Campus (Rules of PhD program for BITS Pilani are applicable)

