



Date: 02-01-2023

ADVERTISEMENT FOR JUNIOR RESEARCH FELLOW

Title of the Project	“Development of Natural Ester Oil-Based Nanofluids by Varying the Size and Shape of Nanoparticles as Liquid Insulation with Enhanced Dielectric Properties for Power Transformer Applications”
Sponsored Agency	Core Research Grant (CRG), Science and Engineering Research Board (SERB), Department of Science & Technology (DST), Government of India
Name of the Post with fellowship	Junior Research fellow, Rs. 31,000/-per month plus HRA as per norms
Vacancy	01 Post
Duration	03 years
Principal Investigators	PI: Dr. Prasenjit Basak, Associate Professor, Electrical and Instrumentation Engineering Department, Thapar Institute of Engineering and Technology, Patiala-147004, India Email ID: prasenjit@thapar.edu Co-PI: Dr. Soumen Basu, Professor, School of Chemistry & Biochemistry, Thapar Institute of Engineering and Technology, Patiala-147004, India, Email ID: soumen.basu@thapar.edu
Opportunity	The selected candidate can register for the full time Ph.D. program at TIET (upon fulfilling admission norms)

Other relevant information:

Essential Qualification	<ul style="list-style-type: none">• M.E./M.Tech. in Electrical Engineering/High Voltage Engineering/Instrumentation Engineering/Equivalent Degree• The candidate having hands on experience; Dissertation/short term project/ internship/training will be preferred.• The candidate having Lectureship (NET)/GATE or other equivalent exam qualified will get preference.
Upper Age Limit	According to SERB norms
Important Information	<ul style="list-style-type: none">• The assignment is purely temporary in nature, and its co-terminus with the project.• No TA/DA will be given to the candidates called for the interview.• All the terms and conditions for this recruitment will be as per the guidelines of SERB (Government of India) and TIET, Patiala. Institute reserves the right to cancel the recruitment without assigning any reason.• Candidates will be short listed for the interview based on merit and experience of the available candidates.• Decision of selection committee will be final. The date and time of interview will be informed by email only.• Shortlisted candidates must bring original certificates pertaining to qualification and experience along with their copies etc. on the day of interview.• For any further information/clarifications, the applicants may contact directly by email at prasenjit@thapar.edu
How to apply	Interested candidates should submit their detailed curriculum vitae (CV) directly by email to Dr. Prasenjit Basak at prasenjit@thapar.edu . The last date of application is 18th of January, 2023 . The shortlisted candidate will be informed about the interview date via email.