Thapar Institute of Engineering and Technology, Patiala

ADVERTISEMENT FOR PROJECT ASSOCIATE VACANCY IN DST -TDP SPONSORED PROJECT

Sanctioned File No: DST/TDT/TDP-37/2022

Project title: To develop a universal power train controller for PMSM and Induction Motor used in Electric Vehicle from TRL-5

Position: **a)** Research Associate-I
b) Senior project associate
(Expertise in Power Electronics/Embedded System/VLSI/ Firmware

Duration: Three years

Stipend: **a)** Research Associate-I (31,000/- + 9% HRA)

b) Senior project associate- (41000/-+ 9% HRA)

Qualifications:

Essential: BE/ME degree in Electrical/instrumentation/ control systems/ Electronics /Computer Science Engineering or related with minimum of 60% marks or 7.0 CGPA.

Specialization: Power Electronics, Microcontroller, Instrumentation and Communications, Machine Learning

Desirable:

   I. **For Research Associate I,** Working knowledge of Drive Train, Power Electronics. **For Senior project associate,** working knowledge of different microcontroller, PCB design and ready to work on any electronics hardware.
   II. Candidates with **NET/GATE qualified** or research experience in the relevant field would be given preference.

Last date of application: 5th January, 2024

1. Interested candidates may send their typed CV* through email (with the subject as "Project Vacancy to DST-TDP Project") to the PI (mukesh.singh@thapar.edu) before the last date.
2. No application would be considered after the due date.
3. Shortlisted candidates will be informed about the interview date through email only.
4. No TA/DA will be given to the candidates called for the interview.
5. The candidate selected for the above positions may also get enrolled for Ph.D. degree simultaneously as per the Institute norms.
6. The other norms such as age, stipend and essentials are available on DST portal.
7. Candidates may need to relocate to the Industry as per the project need.

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