

Thapar Institute of Engineering and Technology, Patiala
Department of Electrical and Instrumentation Engineering

**ADVERTISEMENT FOR INTERNSHIP VACANCY IN HARYANA STATE COUNCIL OF
SCIENCE & TECHNOLOGY SPONSORED R & D PROJECT**

Project Title: Design and Development of Simulation Platform and Workbench for Artificial Pancreas in Type 1 Diabetes

No. of Position 02 (P1 and P2)
Duration Three months
Stipend Rs. 10,000-12,500 per month.

Qualifications:

Essential Currently in 2nd, 3rd or 4th year of B.Tech. / B.E. degree in Instrumentation / Electrical / Electronics and Communication / Mechatronics / Computer Science and Engineering / Biotechnology or related with a minimum of 8.5 CGPA.

Specialization Electronic Devices and Circuits and Control System / Embedded System / Learning-based Control (Reinforcement Learning)

Desirable **P1.** Working knowledge of analog circuits, different microcontrollers, PCB design and ready to work on any electronics hardware.
P2. Having a background in AI tools, reinforcement learning-based approaches, NVIDIA Jetson.

Last Date of Application: 30th April 2024

1. Interested candidates may send their resumes through email (with the subject as "Internship in R&D Project under HSCSIT") to the PI (sangeeta.kamboj@thapar.edu) with cc to co-PI (sahaj.saxena@thapar.edu) on or before last date.
2. Only shortlisted candidates will be informed about the interview date through email.

Dr. Sangeeta Kamboj (PI)

E-mail: sangeeta.kamboj@thapar.edu

Dr. Sahaj Saxena (Co-PI)

Email: sahaj.saxena@thapar.edu

Department of Electrical and Instrumentation,
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