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

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