

Ph.D. Guidance during 2021-22 and 2022-23

S. No.	Name of Student	Topic of Research	Supervisors	Status
1.	Akhlesh Tripathi	Recent Investigations in Robotic Surgery	Dr. Amod Kumar	Completed July 2021
2.	Tanvi Sood	Cross Layer Framework Based on Clustering and Adaptive Scheduling for Heterogeneous Wireless Sensor Network	Dr. Kanika Sharma	Completed April 2022
3.	Vikas Jain	Design and Development of Miniaturized Wearable Patch Antenna for Body Area Networks	Dr. Balwinder Singh Dhaliwal	Completed July 2022
4.	Rachit Manchanda	Design of a Routing Framework based on Compressive Data Gathering Scheme for Heterogeneous Wireless Sensor Network	Dr. Kanika Sharma	Completed September 2022
5.	Amandeep Kumar	Energy Aware Clustering Scheme for Wireless Sensor Network	Dr. Balwinder Singh Dhaliwal Dr Damanpreet Singh, CSE Deptt., SLIET Longowal	Thesis submitted November 2022
6.	Jagriti	Design and Development of Intelligent Indoor Air Quality Monitoring and Prediction System-Vayurveda	Dr. Maitreyee Dutta	Completed December 2022
7.	Banoth Krishna	Design of Low Power Compact 16-Bit MUX Based CMOS Flash Analog-to-Digital Converter for Ultra Wide Band Applications	Dr. S.S. Gill Dr. Amod Kumar	Pursuing
8.	Atul Kulkarni	Fault Detection and Alert System for Antenna Array using Deep Learning Technique	Dr. Garima Saini Dr. S. S. Pattnaik	Pursuing
9.	Neha Bhardwaj	Design of Computational Framework for Development of 3-D digital Model of Malignant Brain Anatomy	Dr. Meenakshi Sood Dr. S.S. Gill	Pursuing
10.	Pushparaj	Non-Contact Detection and Monitoring of Human Vital Signs	Dr. Amod Kumar Dr. Garima Saini	Pursuing
11.	Pooja	On the Design of 3-D printed Meta-structure Polymer based Substrate Patch Antenna for Wireless Applications	Dr. Balwinder Singh Dhaliwal Dr. Amod Kumar	Pursuing
12.	Chahat Jain	Investigations on Flexible & Wearable Patch Antennas	Dr. Balwinder Singh Dhaliwal	Pursuing

		Using Additive Manufacturing For Modern Wireless Applications	Dr Rupinder Singh Mech Deptt., NITTTR Chandigarh	
13.	Simranjit Kaur	Development of Miniaturized Optically Transparent Antennas for WLAN Applications	Dr. Balwinder Singh Dhaliwal	Pursuing