

Schedule of EEE PG Pre-defense Seminar

Seminar ID: **PGS20251108** Date: **08/11/2025**

Location: **ECE 634** Time: **5 PM**

Talk ID	Title of the Talk	Student ID	Name of the Speaker	Supervisor
36	A HYBRID NEURAL NETWORK ARCHITECTURE FOR DIFFERENTIALLY PRIVATE ECG RECONSTRUCTION AND ATRIAL FIBRILLATION DETECTION FROM PPG SIGNALS	0424062507	Tarvir Anjum Aditto	Dr. Hafiz Imtiaz
37	DESIGN AND PERFORMANCE ANALYSIS OF A LOW ENERGY TOPOLOGICAL FIELD EFFECT TRANSISTOR BASED ON THE PHASE TRANSITION IN 1T'-WTe ₂ NANORIBBONS	0422062303	Joy Sharma	Dr Mahbub Alam
38	DESIGN AND PERFORMANCE ANALYSIS OF PLASMON-ENHANCED LEAD AND LEAD-FREE PEROVSKITE LEDS	0423062352	Shoumik Debnath	Dr. Md Zahurul Islam
39	DEEP LEARNING BASED X-RAY COMPUTED TOMOGRAPHY IMAGE RECONSTRUCTION USING DIFFUSE OPTICAL TOMOGRAPHY DATA FOR BRAIN STROKE MONITORING	0421062511	Omar Sharif	Dr. Md. Asiful Islam



Md Sadman Sakib Rahman, PhD
Assistant Professor &
Pre-Defense Seminar Coordinator
Dept. of EEE, BUET