



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ALIAH UNIVERSITY
IIA/27, New Town, Kolkata – 700 160
4th & 5th floor Right Block

Notice

Date-25.02.2026

Seminar (ECEUGPR01) for 6th Sem ECE Students

6th Semester ECE students are instructed to **submit individual seminar topic from the list given below by 06.03.2026** and prepare a report for submission. **Repetition of topic is not allowed.** A power point presentation for approx. 10 minutes duration is to be prepared and they can consult to the faculty members as given against the seminar topics in the list. You can also choose other relevant topic after consultation with your faculty member.

Topic	Faculty	Topic	Faculty
1. Tyre pressure Monitor System(TPMS) 2. Advanced Driver Assistant System (ADAS) 3. Beam formation of Antenna 4. Stealth Technology 5. Computed Tomography (CT)	Dr. Sk. Moinul Haque	1. Bio Battery. 2. Optical Storage Technology. 3.Touchless Touch Screen Technology. 4. Spintronics. 5. Paper Battery. 6. Silicon Raman Laser. 7. Super AMOLED Display.	Mr. Ikbal Ali
1.ISFET 2. 2-D Materials for MOSFET 3. Analog Cicut Modeling Using Verilog-A 4. Model Order Reductions Techniques In VLSI Interconnects. 5. Routing Algorithm for Physical Design 6. VLSI based Approximate Computing 7. Subthreshold Logic Circuit Design	Mr. Somsubhra Talapatra	1 Quantum Dot Lasers 2. Super Capacitor 3. Carbon Nanotube Flow sensors 4. Radio Over fiber 5. Ultra Conductors 6. Hydrogen Super Highway	Mr. Sain Shaikh
1. Image based Authentication System 2. 5G TECHNOLOGY 3. An Introduction to Genetic Algorithms 4. Quantum Computing 5. GSM Based Notice Board 6. Signal Processing for Communications 7. Machine Learning	Dr. Md. Abdul Alim Sheikh	1. Biometric Voting Machine 2. RFID System 3. Wearable Antenna 4. Night Vision Technology 5. Wireless Charging Technology	Mr. Anisur Rahaman
1.Fiber Lasers 2. PON/HPON 3. Hollow Fiber and Multicore Fiber 4. Satellite Laser Communication 5. Terahertz Photonics 6. Quantum Computing 7. Under-water VLC	Dr. Md. Asrafal Sekh	1. foldable solar cell 2. organic semiconductor, 3.organic led, 4.spintronics. 5.night vision technology	Mr. Sabir Ali Mondal
1.Sensors in Agriculture 2. Sensors in Sealth Sector 3. Embedded Systems in Home Appliances 4. Renewable Energy Sources 5. Automated Waste Management System 6. Optical Sensors Applied in Agricultural Crops	Dr. Sk. Babar Ali	1.Advances in Telemedicine system for health monitoring 2.Device to Device (D2D) communications in 5G Networks 3. Genomic and Proteomic Signal Processing 4. Quantum Communication 5. Smart Solid waste management system	Mr. A.H.M Toufique Ahmed
1.Industrial IoT 2.Digital Twin 3.IoT in Agriculture 4.IoT in Vehicular Mobility 5.IoT for Home Automation 6.Mobile Ad hoc Network (MANET) 7.LORAWAN IoT	Dr. Quazi Mohmmad Alfred	1.Smart paint and sensing application 2.Electromical sensor for Agro product quality 3. Image based sensing for dairy product quality	Dr. Barnali Ghatak

(Signature) 25/02/2026

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