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News

May 6, 2025 Research Opportunity for StudentsFebruary 4, 2025 UIU students successfully visited the United Power Generation and Distribution Company Limited (UPGDCL) Power Plant in the Dhaka Export Processing Zone (DEPZ)January 28, 2025 Successful Completion of Internship program from United Power Plant.January 27, 2025 Seminar on VLSI, Semiconductor Industry, and Career Opportunities with Ulkasemi Successfully Organized at UIUJanuary 21, 2025 Successful Completion of Seminar on Battery Energy Storage Systems (BESS) View more

Notices

June 30, 2025 Advising (Time & Section Selection): Summer 2025 TrimesterJune 30, 2025 Class Routine Summer 2025 BSEEEJune 23, 2025 Notice for Course Evaluation & Instructions Spring 2025June 16, 2025 NOTICE for Course Pre Advising(Summer 2025)June 16, 2025 Exam Template for Summer 2025 Department of EEE View more

Events

April 24, 2025 1:00 pm IEEE PES DAY 2025 at UIUJanuary 19, 2025 2:45 pm Seminar on “BESS Solution For Better Energy Flexibility and Controllability”January 21, 2025 2:30 pm “Smart Grid and Renewable Energy”January 11, 2025 2:00 pm Seminar on “Power Sector Job Opportunities in Bangladesh and Preparation Guidelines”January 1, 2025 2:30 pm “Smart Grid and Renewable Energy” View more

Embedded System Research Group

A multi-disciplinary research group of SoSE, UIU This group will focus on research and development of various embedded-systems both for academic achievement and industrial application. As most of the embedded system applications consist of Electronic-Hardware, Software and Mechanical structure, any members of EEE and CSE can work and contribute for this research group. **Participants:** Any faculty members from the EEE and CSE department. Any BSc/MSc Engineer of EEE and CSE. Any Students (BSc/MSc) of EEE and CSE department. Technical persons for technical support **Present Group members:** SN | Name | Affiliation | Responsibility

- | | | | |
|-----|-----|---|-----|
| --- | --- | --- | --- |
| 1. | | Md. Salahuddin Ahmed Faculty member, EEE Coordinator | |
| 2. | | Dr. M Rezwan Khan Executive Director, IAR Advisor | |
| 3. | | Dr. SM Lutful Kabir Faculty, EEE Advisor | |
| 4. | | Dr. Raqibul Mostafa Faculty, EEE Member | |
| 5. | | Dr. Khawza IU Ahmed Faculty, EEE Member | |
| 6. | | Dr. Iqbal Bahar Chowdhury Faculty, EEE Member | |
| 7. | | Md. Mamun Elahi Faculty, CSE Member | |
| 8. | | GMA Ehsan ur Rahman Faculty, EEE Member (On Leave) | |
| 9. | | Jameel, Abu Shafin Md Mahdee Faculty, CSE Member (On Leave) | |

10. | Mahmud, S.M. Farabi | Faculty, CSE | Member (On Leave)

11. | Anumodorshi Barua | Faculty, EEE | Member (On Leave)

Research field: This research group may work on any embedded system of the following but not limited to research field(s)- 1. MPU/MCU/FPGA/DSP based hardware design 2. Computer architecture 3. Software and algorithm development 4. Internet of Things (IOT) 5. Embedded Medical Instrument and data processing 6. Embedded Communication equipment 7. Embedded power electronics 8. Industrial Automation 9. Automotive Embedded system

Scope of work: 1. R&D of embedded system 2. Skill development training on embedded system 3. Professional training on Industrial automation

Supporting Labs: For research work this group will have the following Lab facilities at our new campus. 1. Embedded System Lab (MPU, MCU, DSP, FPGA) 2. Automation Lab (PLC, DCS, CNC etc.) 3. IOT Lab (LAN, CAN-Bus, File/Web server etc.)

Student member registration: Any engineering student of UIU can register. For registration pls., contact with the coordinator. **Contact:** GMA Ehsan ur Rahman

Assistant Professor,
Department of EEE, UIU
Room #: 506/3
Mobile: +880-15-34599979
Email: erahman@eee.uiu.ac.bd

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