



## Department of Electrical & Electronic Engineering

CHITTAGONG UNIVERSITY OF ENGINEERING & TECHNOLOGY (CUET)

Chattogram-4349, Bangladesh

স্মারক নং-চুয়েট/ইইই/পিজি/২০২৪/৬০

তারিখ: ১৭/১১/২০২৪ইং

### বিজ্ঞপ্তি

তড়িৎ ও ইলেকট্রনিক কৌশল বিভাগের ২০২৩-২০২৪ (সেশন: জুলাই-২০২৪) শিক্ষাবর্ষের স্নাতকোত্তর পর্যায়ের শিক্ষার্থীদের আগামী ২৪/১১/২০২৪ইং তারিখের মধ্যে সংযুক্ত ফরম পূরণপূর্বক কোর্স থিসিস সুপারভাইজার নির্বাচনের আবেদন সশরীরে এ বিভাগে জমাদানের জন্য অনুরোধ করা হল।

উল্লেখ্য, উল্লিখিত তারিখের মধ্যে কোন শিক্ষার্থী কোর্স থিসিস সুপারভাইজার নির্বাচনের ফরম সশরীরে এ বিভাগে জমা না দিলে বিভাগের সিদ্ধান্ত অনুযায়ী সুপারভাইজার প্রদান করা হবে।

*Nurul*  
17.11.2024

(অধ্যাপক ড. নূর মোহাম্মদ)

বিভাগীয় প্রধান

তড়িৎ ও ইলেকট্রনিক কৌশল বিভাগ

চট্টগ্রাম প্রকৌশল ও প্রযুক্তি বিশ্ববিদ্যালয়

**DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING  
CHITTAGONG UNIVERSITY OF ENGINEERING AND TECHNOLOGY  
CHATTOGRAM**

**Date:**

**PART-A (Student Information)**

1. **Name of the Student** :
2. **Roll No.** : **Session:**
3. **Status:** : Part/Full Time
4. **Date of 1<sup>st</sup> Enrollment :**
5. **Mobile No.** :
6. **E-mail** :
7. **List of courses so far taken with Course No., Name of the Courses, Grade and CGPA:**

Course No.	Course Title	Grade Obtained	CGPA

**8. Educational Qualification:**

Degree	University/Institution	CGPA	Passing Year
BSc			
HSC			
SSC			

**9. Area of Research Interest:**

**10. List of Publications:**

**PART-B (Supervisor and Research Field Choice)**

(All Choices, i.e. 1,2,3,4,5,.....,12,13,14)

**Group: Power**

<b>Supervisor</b>	<b>Research Field / Interest</b>	<b>Order of Choice</b>	<b>Optional Teacher's Endorsement (only for choice 1)</b>
Prof. Dr. Muhammad Quamruzzaman	Power System, Power Electronics, Grid-tied PV System, Power System Protection		
Prof. Dr. Mohammad Rubaiyat Tanvir Hossain	Power Electronics Converters, Applications and Control, FACTS Devices, Electrical Machines and Drives, Internet of Things (IoT), AI and Machine Learning, VLSI Circuit Design		
Prof. Dr. Nur Mohammad	Power Systems Simulation, Generation Planning, Operation and Control, Voltage and Frequency Control, Application of IoT in Power Systems, Smart Grid and Microgrid Management, Smart Metering and Pricing, Economic Load Dispatch and Scheduling, Renewable and Distributed Energy Integration, Energy Storage, Demand Side Management and Demand Response, Energy Efficiency, Optimization		
Prof. Dr. Tofael Ahmed	Power System, Application of Power Electronics in Power System, Energy System Planning, Smart Grid, Renewable Energy Integration		
Prof. Dr. Nipu Kumar Das	Thin-film Solar Cells, Solar PV System, Electrical Machines, Renewable Energy		
Prof. Dr. Ashoke Kumar Sen Gupta	Microelectronics, Power systems, Thin film solar cell		

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**Signature of the Student**

**Group: Electronic and Communication**

<b>Supervisor</b>	<b>Research Field/ Interest</b>	<b>Order of Choice</b>	<b>Optional Teacher's Endorsement (only for choice 1)</b>
Prof. Dr. Quazi Delwar Hossain	CMOS Based Image Sensor, Semi-conductor Electronics and Integration Science, LSI Circuit Design and Measurement, Bio-medical Imaging		
Prof. Dr. Muhammad Ahsan Ullah	Signal Processing, Communication System and Networking, Forward Error Correction, Non-Recursive Codes, Control System, Bio Signal Processing and Instrumentation, AI and IoT		
Prof. Dr. Muhammad Asad Rahman	Reconfigurable Antennas, MIMO Antennas, Transparent Antennas, Active Integrated Antennas, Wireless Power Transmission		
Prof. Dr. Rashed Md. Murad Hasan	Nanotechnology, Nanomanufacturing, Nanolithography		
Dr. Sampad Ghosh	Synthesis and characterization of energy harvesting materials, Thermoelectric materials predominantly for low-temperature applications, Composite materials science and engineering, Growth of low dimensional (2D) materials, Supercapacitor's electrode materials, Optoelectronic devices particularly optical waveguide simulation, fabrication and measurement		
Dr. Mehdi Hasan Chowdhury	Biomedical Engineering, Embedded Systems, Machine Learning Applications		
Dr. Joyprokash Chakrabartty	Integrated photonic device fabrication and characterizations; Silicon Nitride materials development for low optical propagation losses; MEMS fabrication; Microwave device component fabrication, Renewable Energy (solar energy materials, solar cells, thin film technology, photovoltaic technology, photo-electrochemistry for green hydrogen production), Supercapacitors, Ferroelectrics, Energy harvesting devices		
Dr. Md. Istiaque Reja	Design and fabrication of microstructured optical fiber sensors, Machine learning for photonic applications, Design of photonic waveguide, Nonlinear and ultrafast optics, Microwave photonics, Solid state and semiconductor light sources, Optical network on Chip (NoC)		

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**Signature of the Student**