

**Department of EEE, BUET**  
**List of Offered Courses**  
**Post-Graduate October 2017 Semester**

<b>Course</b>	<b>Title</b>	<b>Teacher's Name</b>	<b>Room, Day &amp; Time</b>
EEE 6903	<b>Advanced Protective Relays</b>	Prof. Enamul Basher	ECE-227, Sunday 5:00 pm – 8:00 pm
EEE 6204	<b>Optical Fibre Communication</b>	Prof. Satya Prasad Majumder	ECE-535, Monday 5:00 pm – 8:00 pm
EEE 6208	<b>Advanced Multimedia Communications</b>	Prof. Md. Saifur Rahman	ECE-634, Saturday 11:00 am – 1:00 pm
EEE 6901	<b>Optimization of Power System Operation</b>	Prof. Taifur Ahmed Chowdhury	ECE-133, Monday 2:30 pm – 5:00 pm
EEE 6401	<b>MOS Devices</b>	Prof. Quazi Deen Mohd Khosru	ECE-627, Monday 2:30 pm – 5:00 pm
EEE 6302	<b>Design of Power Semiconductor Circuits and Drives</b>	Prof. Kazi Mujibbur Rahman	ECE-139, Monday 2:00 pm – 5:00 pm
EEE 6407	<b>Carbon Nanotechnology</b>	Prof. S. M. Mominuzzaman	ECE-233, Sunday 5:00 pm – 8:00 pm
EEE 6601	<b>Applied EM Theory</b>	Prof. Md. Shah Alam	ECE-632, Monday 2:30 pm – 5:30 pm
EEE 6205	<b>Biomedical Signal Processing</b>	Prof. Shaikh Anowarul Fattah	ECE-627, Saturday 11:00 am – 1:30 pm
EEE 6503	<b>Laser Theory</b>	Prof. Md. Nasim Ahmed Dewan	ECE-627, Tuesday 11:00 am – 1:00 pm
EEE 6211	<b>Digital Speech Processing</b>	Prof. Mohammad Ariful Haque	ECE-632, Saturday 2:30 pm – 5:00 pm
EEE 6906	<b>Reliability of Power System</b>	Prof. Abdul Hasib Chowdhury	ECE-235, Sunday 3:00 pm – 6:00 pm
EEE 6506	<b>Advanced Photodetection System</b>	Prof. Farseem Mannan Mohammedy	ECE-627, Wednesday 5:00 pm – 8:00 pm
EEE 6406	<b>Testing VLSI Circuits</b>	Mr. Hamidur Rahman	ECE-233, Saturday 2:00 pm – 5:00 pm
EEE 6201	<b>Information and Coding Theory</b>	Dr. Lutfa Akter	ECE-535, Sunday 5:00 pm – 8:00 pm
EEE 6402	<b>Compound Semiconductor Devices</b>	Dr. Samia Subrina	ECE-627, Wednesday 2:30 pm – 5:30 pm
EEE 6207	<b>Broadband Wireless Communications</b>	Dr. Md. Forkan Uddin	ECE-535, Saturday 5:00 pm – 8:00 pm
EEE 6403	<b>Quantum Phenomena in Nanostructures</b>	Dr. Md. Kawsar Alam	ECE-535, Saturday 2:00 pm – 5:00 pm
EEE 6002	<b>Selected Topics in Electrical and Electronic Engineering (Solid State Radiology)</b>	Dr. Shaikh Asif Mahmood	ECE-237, Saturday 5:00 pm – 8:00 pm
EEE 6405	<b>Advanced VLSI Design</b>	Mr. Yeasir Arafat	ECE-627, Tuesday 2:30 pm – 5:00 pm

**Rule for Divisions of Specialization and Choice of Courses:** Presently there are two divisions of Specialization, namely (1) Electrical Energy and Power Systems (EEPS) Division and (2) Communication and Electronics (C&E) Division, under which a postgraduate student can specialize. Presently the PG theory courses are arranged as: Interdisciplinary group (EEE 6001-6002, EEE 6101-6102, EEE 6301-6302, EEE 6701-6703), EEPS Division (EEE 6801-6803, EEE 6901-6910)

and C&E Division (EEE 6201-6212, EEE 6401-6410, EEE 6501-6506, EEE 6601-6606). **For the degree of M. Sc. Engg., a student has to take a minimum of 6 (six) courses of which at least 3 (three) are from his/her chosen Division, and remaining 3 (three) are from the Interdisciplinary group or any Division. For the degree of M. Engg., a student has to take a total of 10 (ten) courses of which at least 5 (five) are from his/her Division and remaining 5 (five) are from the Interdisciplinary group or any Division. The topic of the thesis (for M. Sc. Engg. degree)/ project (for M. Engg. degree) must be related to the Division of the student or the Interdisciplinary group.**

**The course EEE 6002 can be taken by a student only once in any program. Any student intending to enroll in the subject EEE 6002 in a semester will have to declare in the "Remarks" column of his/her Course Registration form that he/she has not taken this course previously irrespective of the topic title under EEE 6002.**

**N.B.: MAXIMUM number of seats for each course is 40 and minimum is 5. Thesis/Project (EEE 6000) registration is not allowed in the First Semester of MSc/MEngg program of a student. For thesis/project registration (for students other than first semester), PERMISSION of concerned teacher, who will be the supervisor, MUST be taken through application to the Head of the Department.**

Dr. Mohammad Faisal  
Professor and Member Secretary, BPGS, EEE, BUET