

Department of EEE, BUET
List of Offered Courses
Postgraduate April 2019 Semester

Course	Title	Teacher's Name	Room, Day & Time
EEE 6910	Modern Power System Modeling	Dr. S. Shahnawaz Ahmed	ECE 139, Saturday 3:00 pm – 5:30 pm
EEE 6604	Antennas and Propagation	Dr. Pran Kanai Saha	ECE 627, Sunday 3:00 pm – 5:30 pm
EEE 6203	Advanced Digital Signal Processing	Dr. Md. Kamrul Hasan	ECE 627, Wednesday 3:00 pm – 5:30 pm
EEE 6205	Biomedical Signal Processing	Dr. Md. Aynal Haque	ECE 139, Sunday 5:00 pm – 8:00 pm
EEE 6501	Electric and Magnetic Properties of Materials	Dr. Mohammad Jahangir Alam	ECE 627, Monday 2:00 pm – 5:00 pm
EEE 6002	Special Topics in Electrical and Electronic Engineering (Photovoltaic System Design)	Dr. Md. Ziaur Rahman Khan	ECE 634, Sunday 2:00 pm – 5:00 pm
EEE 6212	Genomic Signal Processing	Dr. Mohammed Imamul Hassan Bhuiyan	ECE 632, Saturday 3:00 pm – 6:00 pm
EEE 6503	Laser Theory	Dr. Muhammad Anisuzzaman Talukder	ECE 627, Monday 5:00 pm – 8:00 pm
EEE 6211	Digital Speech Processing	Dr. Celia Shahnaz	ECE 627, Saturday 11:00 am – 1:30 pm
EEE 6204	Optical Fibre Communication	Dr. Mohammad Faisal	ECE 634, Wednesday 5:00 pm – 8:00 pm
EEE 6202	Advanced Telecommunication Engineering	Dr. Md. Farhad Hossain	ECE 634, Saturday 11:00 am – 2:00 pm
EEE 6903	Advanced Protective Relay	Dr. Md. Shamim Reza	ECE 535, Saturday 11:30 am – 2:30 pm
EEE 6404	VLSI Technology and Device Modeling	Dr. Apratim Roy	ECE 535, Monday 2:00 pm – 5:00 pm
EEE 6502	Electronics of Solids	Dr. Mahbub Alam	ECE 632, Monday 2:00 pm – 5:00 pm
EEE 6902	Computer Methods in Power System Analysis	Dr. Nahid-Al-Masood	ECE 632, Tuesday 3:00 pm – 5:30 pm
EEE 6407	Carbon Nanotechnology	Dr. Ahmed Zubair	ECE 627, Saturday 3:00 pm – 6:00 pm
EEE 6504	Semiconductor Materials and Heterostructures	Dr. Md Zunaid Baten	ECE 632, Saturday 10:00 am – 1:00 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.
- 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 M.Sc. Engg./M. Engg. 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. Md. Farhad Hossain
Professor
& Member Secretary, BPGS, EEE, BUET