

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

Course	Title	Teacher's Name	Room, Day & Time
EEE 6002	Special Topics in Electrical and Electronic Engineering (Photovoltaic System Design)	Prof. Md. Ziaur Rahman Khan	ECE-634, Saturday 2:00 pm – 5:00 pm
EEE 6201	Information and Coding Theory	Prof. Md. Imamul Hassan Bhuiyan	ECE-233, Saturday 4:00 pm – 7:00 pm
EEE 6202	Advanced Telecommunication Engineering	Dr. Md. Farhad Hossain	ECE-632, Saturday 4:00 pm – 7:00 pm
EEE 6203	Advanced Digital Signal Processing	Prof. Md. Kamrul Hasan	ECE-238, Saturday 3:00 pm – 6:00 pm
EEE 6204	Optical Fibre Communication	Dr. Mohammad Faisal	ECE-632, Tuesday 5:00 pm – 8:00 pm
EEE 6205	Biomedical Signal Processing	Prof. Md. Aynal Haque	ECE-139, Sunday 5:00 pm – 8:00 pm
EEE 6211	Digital Speech Processing	Prof. Celia Shahnaz	ECE-627, Saturday 11:00 am – 1:30 pm
EEE 6301	Power Semiconductor Circuits	Prof. Mohammad Ali Choudhury	ECE-238, Saturday 5:15 pm – 8:15 pm
EEE 6404	VLSI Technology and Device Modeling	Dr. Apratim Roy	ECE-535, Sunday 2:30 pm – 5:30 pm
EEE 6410	Semiconductor Characterization Technology	Prof. Md. Shafiqul Islam	ECE-634, Tuesday 3:30 pm – 6:30 pm
EEE 6501	Electric and Magnetic Properties of Materials	Prof. Mohammad Jahangir Alam	ECE-539, Sunday 2:00 pm – 5:00 pm
EEE 6502	Electronics of Solids	Dr. Mahbub Alam	ECE-535, Wednesday 2:30 pm – 5:30 pm
EEE 6503	Laser Theory	Dr. Md. Zunaid Baten	ECE-632, Saturday 1:30 pm – 4:30 pm
EEE 6604	Antenna and Propagation	Prof. Pran Kanai Saha	ECE-238, Wednesday 5:00 pm – 8:00 pm
EEE 6606	Optical Waveguide Theory	Dr. Md. Zahurul Islam	ECE-632, Monday 4:00 pm – 7:00 pm
EEE 6910	Modern Power System Modeling	Prof. S. Shanawaz Ahmed	ECE-139, Saturday 4:00 pm – 7:00 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, PERMISSION of concerned teacher, who will be the supervisor, MUST be taken through application to the Head of the Department.

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