

**B.Tech (Hons) Electrical (Friday-Saturday Classes)**  
**Summary: 4 Years 8 Semesters (136 Credit hours)**

(Contact: 091-9218100 | 0332-8597525 | 0300-9030839 for admission dates/class schedules/venue of study).

**Semester wise Breakup of Courses:**

<b>Semester-I</b>		
<b>Course #</b>	<b>Course Title</b>	<b>Cont. Hrs</b>
ES113	Mathematics-I	3
ET123	Basic Electronics	5
ET133	Basic Mechanical Technology	5
ET142	Computer Applications	2
ET162	Engineering Drawing	6

<b>Semester-II</b>		
<b>Course #</b>	<b>Course Title</b>	<b>Cont. Hrs</b>
ES153	Applied Physics	
EH172	Islamiat & Pak Studies	2
ET183	Electrical Mechanics	5
ET193	Network Analysis-I	5
ES213	Mathematics-II	3

<b>Semester-III</b>		
<b>Course #</b>	<b>Course Title</b>	<b>Cont. Hrs</b>
ET223	Measuring Instrument & Measurement	
ET233	Digital Electronic	3
ET243	Power Generation & Utilization	5
ET253	Electrical Machines-II	5

<b>Semester-IV</b>		
<b>Course #</b>	<b>Course Title</b>	<b>Cont. Hrs</b>
ET263	Network Analysis	5
ET273	Power Transmission & Distribution	5
ET282	Communication Skills-I	2
ET292	Total Quality Management	2

<b>Semester-V</b>		
<b>Course #</b>	<b>Course Title</b>	<b>Cont. Hrs</b>
ET313	Microprocessor Theory and Interfacing	5
ET323	Power & Industrial Electronics	5
ET333	Switch Gear & Protective Devices	5
ET343	Communication Technology	5

<b>Semester-VI</b>		
<b>Course #</b>	<b>Course Title</b>	<b>Cont. Hrs</b>
ET353	Power System Analysis	3
ET363	Data and Computer Communication	5
ET373	Control Technology	5
ET383	High Voltage Technology	5

<b>Semester-VII</b>		
<b>Course #</b>	<b>Course Title</b>	<b>Cont. Hrs</b>
EH392	Communication Skill-II	2
EH412	Occupational Health Safety and Environment	2
ET432	Project	2

<b>Semester-VIII</b>		
<b>Course #</b>	<b>Course Title</b>	<b>Cont. Hrs</b>
EX422	Industrial Management	2
ET44X	Supervised Industrial Training	36