

BSc (H) Electronics Semester V
EL-503 Electronic Instrumentation

Date	Topic
20-23 July, 2016	Qualities of measurements, System of Units, Dimensions and standards
25-30 July, 2016	Errors in measurements, Types and sources of errors
1-6 Aug, 2016	DC measurements, DC voltmeter, Ammeter, Ommeter
8-13 Aug, 2016	AC measurements, Voltmeter, Ammeter, Digital frequency-meter
16-20 Aug, 2016	Mesurement errors and extending the frequency range, LCR meter
22-27 Aug, 2016	Digital voltmeters, Ramp type, Intergal slope type
29 Aug- 3 Sept 2016	SAR approximation and Digital Wattmeter
5-9 Sept 2016	1 st Internal Assessment (Syllabus: Unit I)
12-17 Sept 2016	Signal generators, Audio oscillator, function generator
19-24 Sept 2016	Pulse generator, RF and random noise generator
26-30 Sept 2016	Probes and connectors
3 Oct 2016	2 nd Internal Assessment (Syllabus: Unit I &II)
3-7 Oct 2016	Introduction to CRO and Dual trace oscilloscope
17-22 October 2016	Transducers: different types and CRO
24-27 Oct 2016	Strain Guage, Liner Variable Differential Transduces, Wave analyzer
28 Oct 2016	3 rd Internal Assessment (Syllabus: Unit III & IV)
31 Oct -5 Nov 2016	Piezoelectric, Potentiometric, Thermocouples
7-12 Nov 2016	Light transducers, Photodiodes, Photovoltaic cell