

Syllabus for Sessional Test (Even Semester)

4th Semester (Civil)

Subject ID	Subject Name	1st Sessional	2nd Sessional	3rd Sessional
180741/ 170741/ 120741/ 30741	Concrete Technology	Unit 1 to 4	Unit 5 to 7	Unit 8 and 9
180742/ 120742/ 30742	Water Supply and Waste Water Engg.	Unit 1 to 5	Unit 6 to 10	Unit 11 to 14
180743/ 170743/ 120743	Irrigation Engineering	Unit 1 to 4	Unit 5 to 7	Unit 8 to 12
180744/ 170744/ 120744/ 30744	Surveying-II	Unit 1 and 2 (2.1 to 2.4)	Unit 2 (2.5 to 2.9) and 3	Unit 4 & 5
180745	Soil Mechanics and Foundation Engg.	Unit 1, 2, 3, 4 & 5	Unit 6, 7, 8 & 9 (9.1, 9.2)	Unit 9 (9.3, 9.4), 10 & 11

4th Semester (Computer)

Subject ID	Subject Name	1st Sessional	2nd Sessional	3rd Sessional
180842/ 170842/ 120842	Data Structures Using C	Unit 1 & 2	Unit 3 & 4	Unit 5 & 6
180841/ 170841	Object Oriented Programming Using JAVA	Unit 1 & 2	Unit 3 & 4	Unit 5, 6 & 7
180845/ 170845/ 120845	Computer Organization	Unit 1	Unit 2 & 3 (a)	Unit 3(b) & Unit 4
180844/ 170844/ 120844	Microprocessors & Peripheral Devices	Unit 1, 2 & 3	Unit 4 & 5	Unit 6 to 9
180843/ 170843/ 120843	Database Management System	Unit 1, 2 & 3	Unit 4 & 5	Unit 6 & 7

4th Semester (Electrical)

Subject ID	Subject Name	1st Sessional	2nd Sessional	3rd Sessional
180941/ 170941/ 120841/ 30741	Electrical Machines - I	Unit 1, 2 (2.1 to 2.10)	Unit 2 (2.11 to 2.17) & 3 (3.1 to 3.10)	Unit 3 (3.11 to 3.15) and 4
180942/ 170942/ 127542/ 106542/ 30942	Electrical Measuring Inst and Inst'n	Unit 1 to 3	Unit 4, 5 & 6 (6.1)	Unit 6 (6.2), 7, 8, 9 & 10
180943	Installation and Maintenance of Electrical Equipment	Unit 1, & 2 (2.1, 2.2)	Unit 2 (2.3 & 2.4 & 3 (3.1 & 3.2)	Unit 3 (3.3 to 3.6)
180945/ 170945	Digital Electronics	Unit 1, 2 & 3 (3.1)	Unit 3 (3.2, 3.3), 4 & 5	Unit 6, 7, 8
180944/ 170944/ 120944/ 30944	Electrical Engineering Design & Drawing-II	Unit 1 (1.1 to 1.5)	Unit 1 (1.6, 1.7, 1.8) & 2 (2.1 to 2.4)	Unit 2 (2.5 to 2.8) & 3

4th Semester (Electronics & Communication)

Subject ID	Subject Name	1st Sessional	2nd Sessional	3rd Sessional
181041/ 121043/ 62444	Instrumentation	Unit 1 to 3	Unit 4 & 5	Unit 6 to 8
181042/ 171042/ 121042/ 31042	Communication System	Unit 1 & 2	Unit 3 and Unit 4 (Basic idea about diff modes of wave prop and typical areas of application.)	Unit 4 (Space Wave comm-duct Propag, Sky wave prop) & 5
181043/ 171043	Power Electronics	Unit 1	Unit 2 & 3	Unit 4 & 5
180844/ 170844/ 120844	Microprocessor and Peripheral Devices	Unit 1, 2 & 3	Unit 4 and Unit 5	Unit 6 to 9
181045/ 171045	Medical Electronics	Unit 1 & 2	Unit 3 & 4	Unit 5, 6 & 7

6th Semester (Civil)

Subject ID	Subject Name	1st Sessional	2nd Sessional	3rd Sessional
180761/ 030761	Steel Structures Design and Drawing	Unit 1 to 4 (Theory) and 1sh (Drawing)	Unit 5 to 7 (Theory) and 2 & 3 sh (Drawing)	Unit 8 to 10 (Theory) and 4 & 5 sh (Drawing)
180762/170762/ 120762	Earthquake Resistant Building Construction	Unit 1 & 2	Unit 3 & 4	Unit 5, 6 & 7
180763/120763	Quantity Surveying	Unit 1 to 4 (4.1, 4.2 & 4.3)	Unit 4 (4.4, 4.5, 4.6 & 4.7), 5 & 6	Unit 7 to 9
180765/ 120765/030765	Construction Management & Accounts	Unit 1, 2, 3 & 4	Unit 5,6,7 & 8	Unit 9

6th Semester (Computer)

Subject ID	Subject Name	1st Sessional	2nd Sessional	3rd Sessional
180862/ 170862/ 120862	Network Security	Unit 1 & 2	Unit 3,4 & 5	Unit 6,7 & 8
180863/170863	Mobile Application Development	Unit 1 & 2	Unit 3	Unit 4
180264/170264/ 120264	EDM	Unit 1 & 2	Unit 3, 4, 5 & 6	Unit 7, 8 & 9

6th Semester (Electrical)

Subject ID	Subject Name	1st Sessional	2nd Sessional	3rd Sessional
180961/170961	Electrical Energy Conservation & Management	Unit 1, 2 & 3	Unit 4 & 5 (5.1, 5.2 & 5.3)	Unit 5 (5.4 & 5.5) 6 & 7
180962/170962	Industrial Electronics & Control of Drives	Unit 1, 2 (2.1, 2.2 & 2.3)	Unit 2 (2.4, 2.5, 2.6) & 3	Unit 4 & 5
180963/170963	Electrical Power -II	Unit 1 & 2	Unit 3 & 4 (4.1, 4.2 & 4.3)	Unit 4 (4.4 & 4.5) 5 & 6
180264/170264/ 120264	EDM	Unit 1 & 2	Unit 3, 4, 5 & 6	Unit 7, 8 & 9

6th Semester (Electronics & Communication)

Subject ID	Subject Name	1st Sessional	2nd Sessional	3rd Sessional
181061/171061	Microwave & Radar Engineering	Unit 1 & 2	Unit 3, 4 & 5 (a)	Unit 5 (b) & 6
181062B/171062B	Industrial Automation	Unit 1 & 2	Unit 3	Unit 4, 5 & 6
181062C/171062C	Embedded Systems	Unit 1 & 2	Unit 3, 4 & 5	Unit 6
181063/171063	Wireless and Mobile Communication	Unit 1 & 2	Unit 3 & 4	Unit 5 & 6
180264/170264/ 120264	EDM	Unit 1 & 2	Unit 3, 4, 5 & 6	Unit 7, 8 & 9

6th Semester (Mechanical)

Subject ID	Subject Name	1st Sessional	2nd Sessional	3rd Sessional
181761A/171761A	Plant Maintenance & Material Handling	Unit 1, 2 & 3 (Testing Equip.)	Unit 3 (Testing methods) & 4	Unit 5, 6 & 7
181761B/171761B	Mechatronics	Unit 1, 2 & 3	Unit 4, 5 & 6	Unit 7, 8 & 9
181761C/171761C	CAD/CAM	Unit 1 & 2	Unit 3 & 4	Unit 5, 6, 7 & 8
181762/171762	Inspection & Quality Control	Unit 1, 2(Basic Principals and study of various measuring inst)	Unit 2(Geometrical Parameter and errors, study of Procedure and testing and maintenance of measuring instruments) & Unit 3	Unit 4 & 5
181763/171763	Automobile Engg	Unit 1 & 2	Unit 3, 4 & 5	Unit 6 & 7
180264/170264/ 120264	EDM	Unit 1 & 2	Unit 3, 4, 5 & 6	Unit 7, 8 & 9
181765/171765	Estimating & Costing	Unit 1, 2 & 3	Unit 4 & 5	Unit 6 & 7