10.15   Laboratory and Workshop

Computer Science & Engineering

Semester	Name of the Laboratory
3ᴿᴰ	Physics-2 PH 391
	Analog & Digital Electronics CS 391
	Data Structure & Algorithm CS 392
	Computer Organization CS 393
4ᵀᴴ	Technical Report writing & language Lab Practice HU 481
	Numerical Methods M(CS)491
	Communication Engg & coding Theory CS 491
	Software Tools CS 492
	Computer Architecture CS 493
5ᵀᴴ	Design & Analysis of Algorithm CS 591
	Microprocessor & Microcontrollers Lab CS 592
	Programming Practice using C++ CS593
	Object Oriented Prog (IT) CS-594D
6ᵀᴴ	DBMS Lab CS691
	Networks Lab CS 692
	Operating System Lab CS 693
7ᵀᴴ	Software Engg Lab CS 791
	Artificial Intelligence Lab CS 793C
	Internet Technology CS 795A
8ᵀᴴ	Design Lab/Industrial Problem related Practical Training CS 891

Electronics & Communication Engineering

Semester	Name of the Laboratory
3RD	Numerical Lab M(CS) 391
	Circuit Theory & Network Lab EC 391
	Solid State devices EC 392
	Signal System Lab EC 393
	Analog Electronics Circuit Lab EC 394
4TH	Technical report Writing & Language Lab Practice HU 481
	Physics Lab-2 PH 491
	EM Theory & Tx. Lines Lab EC 491
	Digital Electronics and Integrated Circuit Lab EC 492
5TH	Analog Communication Lab EC 591
	Microprocessor & Microcontroller Lab EC 592
	Control System Lab EC 593
	Computer Organization EC 594A
6TH	Digital Communication EC 691
	Digital Signal Processing EC 692
	Electronics Measurement & Instrumentation EC 695B
7TH	VLSI Design Lab EC 792
	Optical communication & Network. EC 793B
	Power Electronics LAB EC 795D
	Project Part-I
8TH	Project Part-II

Electrical Engineering

Semester	Name of the Laboratory
3RD	Analog & Digital Electronic Circuit EC(EE)-391
	Numerical Methods M(CS)-391
	Electric Circuit Theory EE-391
	Technical Report writing & Language Laboratory Practice HU-381
4TH	Physics II Lab PH(EE)-491
	Thermal Power Engineering Lab ME(EE)-481
	Electric Machine –I EE-491
	Electrical & Electronics Measurement Lab EE-492
5TH	Electric Machine II EE-591
	Power System-I EE592
	Control System I EE-593
	Microprocessor & Micro Controller. 594C
	Seminar EE-581
6TH	Control System II EE-691
	Power System II EE-692
	Power Electronics EE-693
	Data base Management System EE-694B
	Electric Drive EE791
	Digital Communication EE-792C
	Electrical System Design I EE-782
	Project I EE-783
8TH	Project II EE-881
	Electrical System Design II EE-882

Mechanical Engineering

Semester	Name of the Laboratory
3RD	ME—392, Workshop Practical-ii
	ME—393, Applied Mechanics Lab,
4TH	ME-491, Fluid Mechanics & Hydraulic Machines.
	ME-493, Material Testing Lab
	ME-494, Machine Drawing
5TH	ME-592, Applied Thermodynamics & Heat Transfer Lab
	ME-593, Design Practice-1
	ME-594, Metrology & Measurement Lab
6TH	ME-691, Machining & Machine Tools Lab
	ME-692, IC Engine Lab
	ME-693, Design Practice Tool
	ME-694, Dynamics of Machine Lab
	ME695, Air-conditioning & Refrigeration Lab
7TH	ME-791, Advance manufacturing Lab
	ME-781, Project – Part-i
8TH	ME-881, Design of Mechanical system.
	ME- 882, Project part-II

Civil Engineering

Semester	Name of the Laboratory
3RD	Physics – 2 (PH-391)
	Solid Mechanics (CE-391)
	Surveying Practice-I (CE-392)
	Building Design and Drawing (CE-393)
4TH	Technical Report Writing and Language Lab Practice(HU-481)
	Numerical Methods(M(CS)491)
	Fluid Mechanics (CE-491)
	Surveying Practice-II (CE-492)
	Soil Mechanics Lab-I (CE-493)
5TH	Soil Mechanics Lab-II (CE-591)
	Concrete Laboratory(CE-592)
	Quantity Surveying, Specification and Valuation (CE-593)
	Engineering Geology(CE-594)
6TH	Highway Engineering Lab (CE-691)
	Detailing of RCC & Steel Structures(CE-692)
	CAD Lab(CE-693)
7TH	Environmental Engineering Lab(CE-791)
	Civil Engineering Practice Sessional (CE-792)
	Electrical & Electronics Measurement Lab(CE-793B)
	Project Part – I (CE-783)
8TH	Structural Engineering Design Practice (CE-891)
	Project Part – II (CE-892)