

Mechatronics Engineering

Code	Subject	Hours/Week						Units
		1 st Semester			2 nd Semester			
		Theo.	Prac	Tuto.	Theo.	Prac	Tuto.	
CSE-4301	Industrial Engineering	-	-	-	2	-	-	2
CSE-4302	Nanotechnology	-	-	-	2	-	-	2
CSE-M4301	Automation and CNC Machines	2	-	1	-	-	-	2
CSE-M4302	Computer Interfacing	2	-	-	-	-	-	2
CSE-M4303	Microcontrollers	-	-	-	2	-	-	2
CSE-C4303	Modern Control I	2	-	-	-	-	-	2
CSE-C4304	Modern Control II	-	-	-	2	-	-	2
CSE-M4304	Power Electronics	-	-	-	2	-	1	2
CSE-M4305	Digital Control	2	-	1	-	-	-	2
CSE-M4306	Mechanical Design I	2	-	1	-	-	-	2
CSE-M4307	Mechanical Design II	-	-	-	2	-	1	2
CSE-C4306	Intelligent Control Systems	2	-	-	-	-	-	2
CSE-M4308	Robotics	2	-	1	-	-	-	2
CSE-M4309	Mobile Robots	-	-	-	2	-	1	2
CSE-M4310	Mechatronic System Design I	1	2	-	-	-	-	2
CSE-M4311	Mechatronic system Design II	-	-	-	1	2	-	2
CSE-M4313	Laboratories I	-	2	-	-	-	-	1
CSE-M4314	Laboratories II	-	-	-	-	2	-	1
CSE-M4312	Project	1	3	-	1	3	-	4
	Total	16	7	4	16	7	3	38

Weekly Hours

1st Semester	2nd Semester
27	26

Total Units 38**Laboratories**

- 1-Digital Control Lab.
- 2-Mechatronic Lab.I
- 3-Mechatronic Lab.II
- 4-Microcontroller Lab.
- 5-Modern Control Lab. I

6-Modern Control Lab.II