Semester-wise Course Structure

1st Year - Semester 1

Sl. No.	Course Code	Course Title	L	T	P	Credits
1.	MTH-S101	Mathematics-I	3	1	0	4
2.	PHY-S101	Physics-I	3	1	3	5
3.	TCA-S101	Engineering Drawing	0	2	4	5
4.	ISC-S101	Programing in C & Unix	3	0	3	5
5.	HSS-S101	Communicative English	3	1	0	4
6.	UHV-S101	Universal Human Values –I (SIP)	0	0	0	0
		Total	**12**	**5**	**10**	**23**

1st Year - Semester 1I

Sl. No.	Course Code	Course Title	L	T	P	Credits
1.	MTH-S102	Mathematics-II	3	1	0	4
2.	PHY-S102	Physics-II	3	1	3	5
3.	CHM-S101	Chemistry-I	3	0	3	5
4.	ESC-S101	Basic Electrical & Electronics Engg.	3	1	3	5
5.	TCA-S102	Workshop Concepts	1	1	3	5
		Total	**13**	**4**	**12**	**24**

2nd Year - Semester II1

Sl. No.	Course Code	Course Title	L	T	P	Credits
1.	MTH-S201	Mathematics-III	3	1	0	4
2.	ESC-S201	Engineering Mechanics	3	1	0	4
3.	ESC-S202	Thermodynamics	3	1	0	4
4.	CSE-S201	Data Structure	3	0	3	5
5.	CSE-S202	Digital Electronics & Logic Design	3	0	2	4
6.	CSE-SST201	Internship-1	0	0	2	1
7.	UHV-S201	Universal Human Values-II	2	1	0	3
		Total	**17**	**4**	**7**	**25**

2nd Year - Semester IV

Sl. No.	Course Code	Course Title	L	T	P	Credits
1.	HSS-S401	Industrial Economics	3	1	0	4
2.	CSE-S204	Object Oriented Programing (Using Java)	3	0	3	5
3.	CSE-S205	Computer Organization	3	1	0	4
4.	CSE-S206	Operating Systems	3	2	0	5
5.	MTH-S301	Discrete Mathematics	3	1	0	4
6.	EVS-S101	Environmental Science	2	0	0	2
		Total	**17**	**5**	**3**	**24**

3rd Year - Semester V

Sl. No.	Course Code	Course Title	L	T	P	Credits
1.	CSE-S301	Database Management System	3	0	3	5
2.	CSE-S302	Design and Analysis of Algorithms	3	1	0	4
3.	CSE-S303	Microprocessor	3	0	2	4
4.	CSE-S304	Theory of Computation	3	1	0	4
5.	MTH-S501/ MTH-S502	Mathematics Elective	MOOCS Course			4/5
6.	CSE-SST201	Internship-2	0	0	2	1
		Total	**12**	**2**	**7**	**22/23**

3rd Year - Semester VI

Sl. No.	Course Code	Course Title	L	T	P	Credits
1.	CSE-S305	Compiler Design	3	2	0	5
2.	CSE-S306	Computer Networks	3	1	0	5
3.	CSE-S307	Software Engineering	3	1	0	4
4.	HSS-S301	Professional Communication	1	1	1	2
5.	MTH-S503/ MTH-S5504	Mathematics Elective	MOOCS Course			4
6.	CSE-S5--	Departmental Elective	3	0	3	4/5
		Total	**13**	**6**	**4**	**24/25**

4th Year - Semester VII

Sl. No.	Course Code	Course Title	L	T	P	Credits
1.	HSS-S201	Industrial Management	3	0	0	4
2.	CSE-S401	Computer Graphics	3	1	3	5
3.	CSE-SST-S401	Summer Training	0	0	3	2
4.	PRT-S401	B.Tech. Project-1	0	0	6	4
5.	CSE-S5--	Departmental Elective	3	0	3	4
6.	CSE-S5--/	Departmental Elective/ Open Elective	3	0	3	4
		Total	**12**	**1**	**18**	**23**

4th Year - Semester VIII

Sl. No.	Course Code	Course Title	L	T	P	Credits
1.	CSE-S5--	Departmental Elective	3	0	3	4
2.	CSE-S5--	Departmental Elective	3	0	3	4
3.	CSE-S5--/	Departmental Elective/ Open Elective	3	0	3	4/5
4.	CSE-S5--/	Departmental Elective/ Humanities Elective	3	0	3	4/5
5.	PRT-S402	B.Tech. Project -II	0	0	6	4
		Total	**12**	**0**	**18**	**20/10**

Total Credits – 185/190