

I YEAR B.Tech. (4YDC)
Common To All Branches (Admission year 2018 and Onwards)

Semester - A

S. No.	Subject Category	Subject Code	Subject Name	Periods per Week			Credits		Max Marks				
				L	T	P	Th	Pr	Theory		Practical		Total
									Th.	CW	SW	Pr.	
1	BSC	MA 10001	Mathematics - I	4	1	0	4	0	70	30	0	0	100
2	BSC	PH 10006	Physics	4	1	2	4	1	70	30	20	30	150
3	ESC	CE 10003	Fundamentals of Civil Engineering & Applied Mechanics	4	0	2	3	1	70	30	20	30	150
4	ESC	ME 10149	Engineering Graphics	3	0	4	2	2	70	30	40	60	200
5	ESC	EE 10005	Fundamentals of Electrical Engineering	4	0	2	3	1	70	30	20	30	150
6	MC	CH 10200*	Environmental Science	0	1	2	-	-	0	0	100	0	100
TOTAL				19	3	12	16	5	350	150	200	150	850

Induction program of 3 week duration in July-Aug 2018

Semester - B

S. No.	Subject Category	Subject Code	Subject Name	Periods per Week			Credits		Max Marks				
				L	T	P	Th	Pr	Theory		Practical		Total
									Th.	CW	SW	Pr.	
1	BSC	MA 10501	Mathematics – II	4	1	0	4	0	70	30	0	0	100
2	BSC	CH 10506	Chemistry	4	1	2	4	1	70	30	20	30	150
3	HSMC	HU 10651	Technical English	4	0	2	3	1	70	30	20	30	150
4	ESC	CO 10504	Computer Programming	4	0	2	3	1	70	30	20	30	150
5	ESC	ME 10649	Fundamentals of Mechanical Engineering	4	0	2	3	1	70	30	20	30	150
6	ESC	IP10581	Manufacturing Practices	0	1	4	0	3	0	0	40	60	100
7	MC	HU10700*	Universal Human Values	2 Hrs per week working Saturday					0	0	100	0	100
TOTAL				20	3	12	17	7	350	150	220	180	900

* Mandatory Non credit course. PASS/FAIL status will appear in Marksheet

SHRI G S INSTITUTE OF TECHNOLOGY & SCIENCE, INDORE
II B.TECH.(4YDC) COMPUTER SCIENCE & ENGINEERING

Scheme 2019-20

Semester: III

S. No.	Subject Category	Subject Code	Subject Name	Periods per Week			Credits		Max Marks				
				L	T	P	Th	Pr	Theory		Practical		Total
									Th.	CW	SW	Pr.	
1	BSC	MA24003	Mathematics-III	4	1	-	4	-	70	30	-	-	100
2	PCC	CO24057	Object Oriented Programming Systems	4	1	2	4	1	70	30	40	60	200
3	PCC	CO24009	Computer Architecture	4	-	2	3	1	70	30	40	60	200
4	ESC	EC24010	Analog & Digital Electronics	4	-	2	3	1	70	30	40	60	200
5	HSMC	HU24005	Economics for Engineers	4	-	-	3	-	70	30	-	-	100
6	LC	CO24497	Programming Practices	-	1	2	-	2	-	-	40	60	100
7	ESC/LC	EC24498	Electronics Workshop	-	-	2	-	1	-	-	40	60	100
Total				20	3	10	17	6	350	150	200	300	1000
Optional Subject(s)													
8		OC-I	Open Category-I (Audit Only)	-	-	-	-	-	-	-	-	-	

Semester: IV

S. No.	Subject Category	Subject Code	Subject Name	Periods per Week			Credits		Max Marks				
				L	T	P	Th	Pr	Theory		Practical		Total
									Th.	CW	SW	Pr.	
1	PCC	CO24553	Discrete Structures	4	-	-	3	-	70	30	-	-	100
2	BSC	MA24554	Mathematics-IV	4	1	-	4	-	70	30	-	-	100
3	PCC	CO24507	Data Structures	4	1	2	4	1	70	30	40	60	200
4	PCC	CO24508	Operating Systems	4	-	2	3	1	70	30	40	60	200
5	OEC	EC24559	Analog and Digital Communication	4	-	2	3	1	70	30	40	60	200
6	LC	CO24992	Computer Workshop	-	-	2	-	1	-	-	40	60	100
7	LC	CO24991	Design Thinking Lab-I	-	-	2	-	1	-	-	40	60	100
8	HSBC	HU24881	Values, Humanity and Professional Ethics	0	3	0	2	-	0	100	-	-	100
Total				20	5	10	19	5	350	250	200	300	1100
Optional Subject(s)													
8		OC-II	Open Category-II (Audit Only)	-	-	-	-	-	-	-	-	-	

Internship of minimum 2 weeks to be carried out after semester A or semester B but before commencement of III year semester A.

Evaluation shall be done in III Year semester A.

