

SYLLABUS 2024-25

		Semester-I							
S. No.	Course Code	COURSE NAME	COURSE TYPE		Credits	L	T	P	HRS
1	AST-101	Communication Skills	Theory	HSMC	2	2	0	0	2
2	ASB-101	Engineering Physics I	Theory	BSC	3	3	0	0	3
3	ASB-102	Engineering Chemistry	Theory	BSC	3	3	0	0	3
4	ASB-103	Engineering Mathematics I	Theory	BSC	3	3	0	0	3
5	EES-101	Basics of Electrical Engineering	Theory	ESC	3	3	0	0	3
6	CSS-101	Fundamentals of Computing	Theory	ESC	3	3	0	0	3
7	ASM-101	Environmental Science	Theory	MC-I	2	2	0	0	2
i	ASL-101	Language Laboratory	Lab	HSMC	1	0	0	2	2
ii	ASL-102	Engineering Physics Laboratory I	Lab	BSC	1	0	0	2	2
iii	ASL-103	Engineering Chemistry Laboratory	Lab	BSC	1	0	0	2	2
iv	MEL-104	Engineering Graphics & Design	Lab	BSC	2	0	0	4	4
				Total	24	19	0	10	29
		Semester-II							
S. No.	S. No.	COURSE NAME	COURSE TYPE		Credits	L	T	P	HRS
1	ASB-201	Engineering Physics II	Theory	BSC	3	3	0	0	3
2	ASB-202	Engineering Mathematics II	Theory	BSC	3	3	0	0	3
3	ASB-203	Biology for Engineers	Theory	BSC	3	3	0	0	3
4	ECS-201	Basics of Electronics & Communication Engineering	Theory	ESC	3	3	0	0	3
5	MES-201	Engineering Mechanics	Theory	ESC	3	3	0	0	3
6	CES-201	Basics of Civil Engineering	Theory	ESC	3	3	0	0	3
7	ASM-201	Constitution of India	Theory	MC-II (Audit)	0	2	0	0	2
i	ASL-201	Engineering Physics Laboratory II	Lab	BSC	1	0	0	2	2
ii	MEL-201	Workshop Practice	Lab	ESC	2	0	0	4	4
iii	MEL-202	Engineering Mechanics Laboratory	Lab	ESC	1	0	0	2	2
iv	CEL-201	Design Thinking & Idea Lab	Lab	ESC	1	0	0	2	2
				Total	23	20	0	10	30

		Semester-III							
S. No.	S. No.	COURSE NAME	COURSE TYPE		Credits	L	T	P	H
1	ASM-301	UHV	Theory	MC-III	3	3	0	0	3
2	ASM-302	Essence of Indian Traditional Knowledge	Theory	MC-IV	0	2	0	0	2
3	ASB-301	Engineering Mathematics III	Theory	BSC	3	3	0	0	3
4	CEC-301	Solid Mechanics	Theory	PCC	3	3	0	0	3
5	CEC-302	Fluid Mechanics	Theory	PCC	3	3	0	0	3
6	CEC-303	Engineering Materials & Concrete Technology	Theory	PCC	3	3	0	0	3
7	CEC-304	Geomatics	Theory	PCC	3	3	0	0	3
i	CEL-301	Solid Mechanics Lab	Lab	PCC	1	0	0	2	3
ii	CEL-302	Fluid Mechanics Lab	Lab	PCC	1	0	0	2	3
iii	CEL-303	Engineering Materials & Concrete Technology Lab	Lab	PCC	1	0	0	2	3
iv	CEL-304	Geomatics Engineering Lab	Lab	PCC	1	0	0	2	3
				Total	22	20	0	8	20