

MALNAD COLLEGE OF ENGINEERING HASSAN
First Year Scheme 2025-26

I SEMESTER: PHYSICS CYCLE STREAMS: EC/ CV/ CSE													
Sl. No	Course category	Course code	Course Title	Offering Dept	Teaching Hours					Exam Marks			Credits
					L	T	P	TW	Total	CIE	SEE	Total	
1.	BSC	MAT5C11/ MAT5S11/ MAT5E11	Mathematics-I for CV/CS/EE Stream	Mathematics	42	0	28	50	120	50	50	100	04
2.	BSC	PHY5C12 PHY5S12 PHY5E12	Physics for CV/CS/EE stream	Physics	42	0	0	48	90	50	50	100	03
3.	PSC	CIV5131 BEE5132 PPC5133	Program Specific course (Engg. Mechanics/Basic Electronics/ Principles of Programming using C) Integrated Course	CV/EC/CSE	42	0	28	50	120	50	50	100	04
4.	ESC	ESC514x	Engineering Science Course-I	Respective department	42	0	0	48	90	50	50	100	03
5.	ETC	ETC515x	Introduction to AI and its use cases (Stream wise)	Respective department	42	0	0	48	90	50	50	100	03
6.	AEC	AEC516	Soft Skills - Ability enhancement course	Humanities	14	0	0	16	30	100	--	100	00
7.	BSC	PHY5CL17 PHY5SL17 PHY5EL17	Physics lab for CV/CS/EE stream	Physics	0	0	28	02	30	50	50	100	01
8.	AEC/ SEC	IDT518	Innovation and Design Thinking	ME	0	0	28	02	30	50	50	100	01
9.	HSMC	KSK519/ KBK519	Samskrutika Kannada/ Balake Kannada	Humanities	14	0	0	16	30	50	50	100	01
TOTAL										500	400	900	20

I SEMESTER : CHEMISTRY CYCLE STREAMS: EEE/ ME/CSE/ CSBS/AIML													
Sl. No	Course category	Course code	Course Title	Offering Dept	Teaching Hours					Exam Marks			Credits
					L	T	P	TW	Total	CIE	SEE	Total	
1	BSC	MAT5E11 MAT5S11/ MAT5M11	Mathematics-I for EE/CS/ME stream	Mathematics	42	0	28	50	120	50	50	100	04
2	BSC	CHE5E12/ CHE5S12/ CHE5M12/	Chemistry for EE/CS/ME Stream	Chemistry	42	0	0	48	90	50	50	100	04
3	ESC	CED513	Computer-Aided Engineering Drawing	ME	28	0	28	34	90	50	50	100	03
4	ESC	ESC514x	Engineering Science Course-I	Respective department	42	0	0	48	90	50	50	100	03
5	PLC	PLC515	Programming Language Course– PYTHON	ME	28	0	28	34	90	50	50	100	03
6	AEC	ENG516	English Communication skills	Humanities	14	0	0	16	30	50	50	100	01
7	BSC	CHE5EL17/ CHE5SL17/ CHE5ML17	Chemistry for EE/CS/ME Stream	Chemistry	0	0	28	02	30	50	50	100	01
8	AEC/ SEC	IDT518	Innovation and Design Thinking	ME	0	0	28	02	30	50	50	100	01
9	HSMC	ICO519	Indian Constitution	Humanities	14	0	0	16	30	100	--	100	00
10	HSMC	PE5110	Physical Education	Sports	0	0	28	02	30	50	50	100	01
TOTAL										550	450	1000	20

II Semester: PHYSICS CYCLE STREAMS: EEE/ ME/CSE/ CSBS/ AIML													
Sl. No	Course category	Course code	Course Title	Offering Dept	Teaching Hours					Exam Marks			Credits
					L	T	P	TW	Total	CIE	SEE	Total	
1	BSC	MAT5M21/ MAT5S21/ MAT5E21	Mathematics - II for ME/CS/EE Stream	Mathematics	42	0	28	50	120	50	50	100	04
2	BSC	PHY5S22/ PHY5E22/ PHY5M22	Physics for ME/CS/EE Stream	Physics	42	0	0	48	90	50	50	100	03
3	PSC	PPC5233/ EME5234/ EEE5235	Program Specific course (Principles of Programming Using C/Elements of Mechanical Engineering/ Elements of Electrical Engineering)	CSE/ME/ EE	42	0	28	50	120	50	50	100	04
4	ESC	ESC524x	Engineering Science Course-II	Respective department	42	0	0	48	90	50	50	100	03
5	ETC	ETC525x	Introduction to AI and its use cases (Stream wise)	Respective department	42	0	0	48	90	50	50	100	03
6	AEC	AEC526	Soft Skills - Ability enhancement course	Humanities	14	0	0	16	30	100	--	100	--
7	BSC	PHY5CL27 PHY5SL27 PHY5EL27	Physics lab for ME/CS/EE stream	Physics	0	0	28	02	30	50	50	100	01
8	AEC/SDC	PRJ528	Interdisciplinary Project- Based Learning	Multiple Dept	0	0	28	02	30	50	50	100	01
9	HSMC	KSK529/ KBK529	Samskrutika Kannada/ Balake Kannada	Humanities	14	0	0	16	30	50	50	100	01
TOTAL										500	400	900	20

II Semester: CHEMISTRY CYCLE STREAMS: EC/ CV/ CSE

Sl. No	Course Category	Course code	Course Title	Offering Dept	Teaching Hours					Exam Marks			Credits
					L	T	P	TW	Total	CIE	SEE	Total	
1	BSC	MAT5C21/ MAT5S21/ MAT5E21	Mathematics-II for CV/CS/EE Stream	Mathematics	42	0	28	50	120	50	50	100	04
2	BSC	CHE5C22/ CHE5S22/ CHE5E22	Chemistry for CV/CS/EE Stream	Chemistry	42	0	0	48	90	50	50	100	03
3	ESC	CED523	Computer-Aided Engineering Drawing	ME	28	0	28	34	90	50	50	100	03
4	ESC	ESC524x	Engineering Science Course-II	Respective department	42	0	0	48	90	50	50	100	03
5	PLC	PLC525	Programming Language Course-PYTHON	ME	28	0	28	34	90	50	50	100	03
6	AEC	ENG526	English Communication skills	Humanities	14	0	0	16	30	50	50	100	01
	BSC	CHE5CL27/ CHE5SL27/ CHE5EL27	Chemistry for CV/CS/EE Stream	Chemistry	0	0	28	02	30	50	50	100	01
7	HSMC	ICO528	Indian Constitution	Humanities	14	0	0	16	30	100	--	100	00
8	AEC/SDC	PRJ529	Interdisciplinary Project- Based Learning	Multiple Dept	0	0	28	02	30	50	50	100	01
9	HSMC	PE5210	Physical Education	Sports	0	0	28	02	30	50	50	100	01
TOTAL										550	450	1000	20

COURSE CODE LIST FOR I AND II SEMESTER-2025-26

I SEMESTER		
SL NO	COURSE CODE	COURSE TITLE
1.	MAT5C11	Mathematics -I for Civil Engineering
2.	MAT5S11	Mathematics -I for Computer Science Engineering Stream
3.	MAT5E11	Mathematics -I for Electrical & Electronics Engineering Stream
4.	MAT5M11	Mathematics-I for Mechanical Engineering Stream
5.	PHY5C12	Physics for Civil Engineering
6.	PHY5S12	Physics for Computer Science Engineering Stream
7.	PHY5E12	Physics for Electronics & Electrical Engineering Stream
8.	PHYCL517	Physics Lab For Civil Engineering
9.	PHYSL517	Physics Lab For Computer Science Engineering Stream
10.	PHYEL517	Physics Lab For Electronics & Electrical Engineering Stream
11.	CHE5E12	Chemistry for Electrical & Electronics Engineering Stream
12.	CHE5S12	Chemistry for Computer Science and Engineering Stream
13.	CHE5M12	Chemistry for Mechanical Engineering Stream
14.	CHE5EL17	Chemistry Lab for Electrical & Electronics Engineering Stream
15.	CHE5SL17	Chemistry Lab for Computer Science and Engineering Stream
16.	CHE5ML17	Chemistry Lab for Mechanical Engineering Stream
PROGRAM SPECIFIC COURSE		
17.	CIV5131	Engineering Mechanics

18.	BEE5132	Basic Electronics Engineering
19.	PPC5133	Principles of Programming using C
ESC COURSES		
20.	ESC514A	Introduction to Civil Engineering
21.	ESC514B	Introduction to Electrical Engineering
22.	ESC514C	Introduction to Electronics Engineering
23.	ESC514D	Introduction to Mechanical Engineering
24.	ESC514E	Essentials of Information Technology
ETC COURSES		
25.	ETC515K	Introduction to AI and its use cases for Civil Engineering
26.	ETC515L	Introduction to AI and its use cases for Mechanical Stream
27.	ETC515M	Introduction to AI and its use cases Electrical & Electronics Engineering
28.	ETC515N	Introduction to AI and its use cases for Electronics Stream
29.	ETC515O	Introduction to AI and its use cases for Computer Science Stream
30.	AEC516	Soft Skills - Ability enhancement course
31.	IDT518	Innovation and Design Thinking
32.	KSK519	Samskrutika Kannada
33.	KBK519	Balake Kannada
34.	CED513	Computer-Aided Engineering Drawing(CAED)
35.	PLC515	Introduction to Python Programming

36.	ENG516	English Communication skills
37.	ICO519	Indian Constitution
38.	PE5110	Physical Education

II SEMESTER		
SL NO	COURSE CODE	COURSE TITTLE
1	MAT5C21	Mathematics -II for Civil Engineering
2	MAT5S21	Mathematics -II for Computer Science Engineering Stream
3	MAT5E21	Mathematics -II for Electrical & Electronics Engineering Stream
4	MAT5M21	Mathematics-II for Mechanical Engineering Stream
5	PHY5S22	Physics for Computer Science Engineering Stream
6	PHY5E22	Physics for Electronics & Electrical Engineering Stream
7	PHY5M22	Physics for Mechanical Engineering Stream
8	PHY5SL27	Physics Lab for Computer Science Engineering Stream
9	PHY5EL27	Physics Lab for Electronics & Electrical Engineering Stream
10	PHY5ML27	Physics Lab for Mechanical Engineering Stream
11	CHE5C22	Chemistry for Civil Engineering
12	CHE5S22	Chemistry for Computer Science and Engineering Stream
13	CHE5E22	Chemistry for Electrical & Electronics Engineering Stream
14	CHE5CL27	Chemistry Lab for Civil Engineering Stream

15	CHE5EL27	Chemistry Lab for Electrical & Electronics Engineering Stream
16	CHE5SL27	Chemistry Lab for Computer Science and Engineering Stream
PROGRAM SPECIFIC COURSE		
17	PPC5233	Principles of Programming Using C
18	EME5234	Elements of Mechanical Engineering
19	EEE5235	Elements of Electrical Engineering
ESC COURSES		
20	ESC524A	Introduction to AI and its use cases for Civil Engineering
21	ESC524B	Introduction to AI and its use cases for Mechanical Stream
22	ESC524C	Introduction to AI and its use cases Electrical & Electronics Engineering
23	ESC524D	Introduction to AI and its use cases for Electronics Stream
24	ESC524E	Introduction to AI and its use cases for Computer Science Stream
ETC COURSES		
25	ETC525K	Introduction to AI and its use cases
26	ETC525L	Introduction to AI and its use cases
27	ETC525M	Introduction to AI and its use cases
28	ETC525N	Introduction to AI and its use cases
29	ETC525O	Introduction to AI and its use cases
30	AEC526	Soft Skills - Ability enhancement course
31	PRJ528	Interdisciplinary Project-Based Learning

32	KSK529	Samskrutika Kannada
33	KBK529	Balake Kannada
34	CED523	Computer-Aided Engineering Drawing
35	PLC525	Introduction to Python Programming
36	ENG526	English Communication skills
37	ICO528	Indian Constitution
38	PRJ529	Interdisciplinary Project-Based Learning
39	PE5210	Physical Education