

MALNAD COLLEGE OF ENGINEERING, HASSAN
First Year Scheme 2026-27

I SEMESTER: PHYSICS CYCLE STREAMS :EC/VLSI/EE/CS/CV													
Sl. No	Course category	Course Code	Course Title	Offering Dept	Teaching Learning Scheme					Exam Marks			Credits
					L	T	P	TW&SL	TH/S	CIE	SEE	Total	
1.	BSC	MAT6E11/ MAT6S11/ MAT6C11	Mathematics-I for EC/VLSI/EE/CS/CV stream	Mathematics	42	28	0	50	120	50	50	100	04
2.	BSC	PHY6E12 PHY6S12 PHY6C12	Physics for EC/VLSI/EE/CS/CV stream (Integrated Course)	Physics	42	0	28	50	120	50	50	100	04
3.	PSC	CIV6131 BEE6132 PPC6133 EEE6135	Program Specific course (Engg. Mechanics/Basic Electronics/Principles of Programming using C/ Elements of Electrical Engineering)	CV/EC/CS/EE	42	0	0	48	90	50	50	100	03
4.	ESC	ESC614	Engineering Science Course-I	Respective department	42	0	0	48	90	50	50	100	03
5.	ETC	ETC615	Introduction to AI and its use cases (Stream wise)	Respective department	42	0	0	48	90	50	50	100	03
6.	AEC	SKS616	Soft Skills	Humanities	14	0	0	16	30	100	--	100	00
7.	PSC	CIV6131A BEE6132A PPC6133A EEE6135A	Program Specific course Lab (Engg. Mechanics Lab/Basic Electronics Lab /Principles of Programming using C Lab / Elements of Electrical Engineering Lab)	CV/EC/CS/EE	0	0	28	02	30	50	50	100	01
8.	AEC/ SDC	IDT618	Innovation and Design Thinking Lab	Multiple Depts	0	0	28	02	30	50	50	100	01
9.	HSMC	KSK619/ KBK619	Sanskritika Kannada/ Balake Kannada	Humanities	14	0	0	16	30	50	50	100	01

<i>TW&SL-Term Work & Self Learning</i>	TOTAL	500	400	900	20
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I SEMESTER: CHEMISTRY CYCLE STREAMS : ME/R&AI/CS/CSBS/AI&ML/E&CS

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	MAT6M11/ MAT6S11/ MAT6E11	Mathematics-I for ME/R&AI/CS/CSBS/AI&ML/ E&CS stream	Mathematics	42	28	0	50	120	50	50	100	04
2	BSC	CHE6M12/ CHE6S12/ CHE6E12	Chemistry for ME/R&AI/CS/CSBS/AI&ML/ E&CS stream (Integrated Course)	Chemistry	42	0	28	50	120	50	50	100	04
3	ESC	CED613	Computer-Aided Engineering Drawing	ME	28	0	28	34	90	50	50	100	03
4	ESC	ESC614	Engineering Science Course-I	Respective department	42	0	0	48	90	50	50	100	03
5	PLC	PLC615	Programming Language Course (Integrated Course)	CSE & Allied branches	42	0	28	50	120	50	50	100	04
6	AEC	ENG616	Communication skills	Humanities	14	0	0	16	30	50	50	100	01
7	HSMC	ICO617	Indian Constitution	Humanities	14	0	0	16	30	100	--	100	00
8	AEC/ SDC	IDT618	Innovation and Design Thinking Lab	Multiple Depts	0	0	28	02	30	50	50	100	01
<i>TW&SL-Term Work & Self Learning</i>					TOTAL					550	450	1000	20

II SEMESTER : PHYSICS CYCLE STREAMS: ME/R&AI/CS/CSBS/AI&ML/E&CS														
Sl. No	Course category	Course Code	Course Title	Offering Dept	Teaching Learning Scheme					Exam Marks			Credits	
					L	T	P	TW&SL	TH/S	CIE	SEE	Total		
1.	BSC	MAT6M21/ MAT6S21/ MAT6E21	Mathematics-II for ME/R&AI/CS/CSBS/AI&M L/E&CS stream	Mathematics	42	28	0	50	120	50	50	100	04	
2.	BSC	PHY5M22/ PHY5S22/ PHY5E22	Chemistry for ME/R&AI/CS/CSBS/AI &ML/E&CS stream (Integrated Course)	Physics	42	0	28	50	120	50	50	100	04	
3.	PSC	BEE6232/ PPC6233/ EME6234	Program Specific course (Basic Electronics/ Principles of Programming using C/ Elements of Mechanical Engg)	ME/CSE	42	0	0	48	90	50	50	100	03	
4.	ESC	ESC624	Engineering Science Course-II	Respective department	42	0	0	48	90	50	50	100	03	
5.	ETC	ETC625	Introduction to AI and its use cases (Stream wise)	Respective department	42	0	0	48	90	50	50	100	03	
6.	AEC	SKS626	Soft Skills	Humanities	14	0	0	16	30	100	--	100	00	
7.	PSC	BEE6232A PPC6233A EME6234A	Program Specific course Lab (Basic Electronics Lab/Principles of Programming using C Lab / Elements of Mechanical Engg. Lab)	CSE/ME	0	0	28	02	30	50	50	100	01	
8.	AEC/ SDC	PRJ628	Interdisciplinary Project- Based Learning	Multiple Depts	0	0	28	02	30	50	50	100	01	
9.	HSMC	KSK629/ KBK629	Samskrutika Kannada/ Balake Kannada	Humanities	14	0	0	16	30	50	50	100	01	
TW&SL-Term Work & Self Learning										TOTAL	500	400	900	20

II SEMESTER : CHEMISTRY CYCLE STREAMS: EC/VLSI/EE/CS/CV													
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	MAT6E21/ MAT6S21/ MAT6C21	Mathematics-II for EC/VLSI/EE/CS/CV Stream	Mathematics	42	28	0	50	120	50	50	100	04
2	BSC	CHE6E22/ CHE6S22/ CHE6C22	Chemistry for EC/VLSI/EE/CS/CV Stream (Integrated Course)	Chemistry	42	0	28	50	120	50	50	100	04
3	ESC	CED623	Computer-Aided Engineering Drawing	ME	28	0	28	34	90	50	50	100	03
4	ESC	ESC624x	Engineering Science Course-II	Respective department	42	0	0	48	90	50	50	100	03
5	PLC	PLC625	Programming Language Course (Integrated Course)	CSE & Allied branches	42	0	28	50	120	50	50	100	04
6	AEC	ENG626	Communication skills	Humanities	14	0	0	16	30	50	50	100	01
7	HSMC	ICO627	Indian Constitution	Humanities	14	0	0	16	30	100	-	100	00
8	AEC/ SDC	PRJ628	Interdisciplinary Project- Based Learning	Multiple Depts	0	0	28	02	30	50	50	100	01
TW&SL-Term Work & Self Learning										550	450	1000	20
TOTAL													

COURSE CODE LIST FOR I AND II SEMESTER-2026-27

I SEMESTER		
SL NO	COURSE CODE	COURSE TITLE
1.	MAT6C11	Mathematics-I for Civil Engineering
2.	MAT6S11	Mathematics-I for Computer Science Engineering Stream
3.	MAT6E11	Mathematics-I for Electrical & Electronics Engineering Stream
4.	MAT6M11	Mathematics-I for Mechanical Engineering Stream
5.	PHY6C12	Physics for Civil Engineering
6.	PHY6S12	Physics for Computer Science Engineering Stream
7.	PHY6E12	Physics for Electronics & Electrical Engineering Stream
8.	CHE6E12	Chemistry for Electrical & Electronics Engineering Stream
9.	CHE6S12	Chemistry for Computer Science and Engineering Stream
10.	CHE6M12	Chemistry for Mechanical Engineering Stream
11.	CIV6131	Engineering Mechanics
12.	BEE6132	Basic Electronics Engineering
13.	PPC6133	Principles of Programming using C
14.	EEE6135	Elements of Electrical Engineering
15.	CIV6131A	Engineering Mechanics Lab
16.	BEE6132A	Basic Electronics Engineering Lab
17.	PPC6133A	Principles of Programming using C Lab
18.	EEE6135A	Elements of Electrical Engineering Lab

19.	CED613	Computer-Aided Engineering Drawing (CAED)
20.	PLC615	Introduction to Python Programming
ESC COURSES		
21.	ESC614A	Introduction to Civil Engineering
22.	ESC614B	Introduction to Electrical Engineering
23.	ESC614C	Introduction to Electronics Engineering
24.	ESC614D	Introduction to Mechanical Engineering
25.	ESC614E	Essentials of Information Technology
ETC COURSES		
26.	ETC615K	Introduction to AI and its use cases for Civil Engineering
27.	ETC615L	Introduction to AI and its use cases for Mechanical Stream
28.	ETC615M	Introduction to AI and its use cases for Electrical & Electronics Engineering
29.	ETC615N	Introduction to AI and its use cases for Electronics Stream
30..	ETC615O	Introduction to AI and its use cases for Computer Science Stream
HUMANITIES COURSES		
31.	SKS616	Soft Skills
32.	ENG616	Communication skills
33.	ICO617	Indian Constitution
34.	IDT618	Innovation and Design Thinking
35.	KSK619	Sanskritika Kannada
36.	KBK619	Balake Kannada

II SEMESTER		
SLNO	COURSE CODE	COURSE TITTLE
1.	MAT6C21	Mathematics-II for Civil Engineering
2.	MAT6S21	Mathematics-II for Computer Science Engineering Stream
3.	MAT6E21	Mathematics-II for Electrical &Electronics Engineering Stream
4.	MAT6M21	Mathematics-II for Mechanical Engineering Stream
5.	PHY6S22	Physics for Computer Science Engineering Stream
6	PHY6E22	Physics for Electronics &Electrical Engineering Stream
7.	PHY6M22	Physics for Mechanical Engineering Stream
8.	CHE6C22	Chemistry for Civil Engineering
9.	CHE6S22	Chemistry for Computer Science and Engineering Stream
10.	CHE6E22	Chemistry for Electrical &Electronics Engineering Stream
11.	PPC6233	Principles of Programming Using C
12.	EME6234	Elements of Mechanical Engineering
13.	BEE6232	Basic Electronics Engineering
14.	PPC6233A	Principles of Programming Using C Lab
15.	EME6234A	Elements of Mechanical Engineering Lab
16	BEE6232A	Basic Electronics Engineering Lab
17	CED623	Computer-Aided Engineering Drawing
18	PLC625	Introduction to Python Programming

ESC COURSES		
20.	ESC624A	Introduction to Civil Engineering
21.	ESC624B	Introduction to Electrical Engineering
22.	ESC624C	Introduction to Electronics Engineering
23.	ESC624D	Introduction to Mechanical Engineering
24.	ESC624E	Essentials of Information Technology
ETC COURSES		
25.	ETC625K	Introduction to AI and its use cases for Civil Engineering
26.	ETC625L	Introduction to AI and its use cases for Mechanical Stream
27.	ETC625M	Introduction to AI and its use cases for Electrical & Electronics Engineering
28.	ETC625N	Introduction to AI and its use cases for Electronics Stream
29.	ETC625O	Introduction to AI and its use cases for Computer Science Stream
HUMANITIES COURSES		
30.	SKS626	Soft Skills
31.	ENG626	Communication skills
32.	ICO627	Indian Constitution
33.	PRJ628	Interdisciplinary Project-Based Learning
34.	KSK629	Samskrutika Kannada
35.	KBK629	Balake Kannada
36.	PRJ628	Interdisciplinary Project-Based Learning