



ESTD : 1946

**THE NATIONAL INSTITUTE OF ENGINEERING
MYSORE – 8**
(Autonomous Institution under VTU)

Bachelor of Engineering

Scheme of V-VI Semester

B.E (Computer Science and Engineering)
(2021-2022)

Department of Computer Science and Engineering

SCHEME OF TEACHING AND EXAMINATION V SEMESTER							
Sl.No.	Subject Code	Subject	Category	L	T	P	Cr.
1	CS5C01	Microprocessor & Interfacing	Core	3	2	0	4
2	CS5C02	Operating Systems	Core	3	2	0	4
3	CS5C03	Database Management Systems	Core	3	0	0	3
4	CS5C04	System Software	Core	3	2	0	4
5	CS5C05	Engineering Management	Core	3	0	0	3
6	CS5M03	MOOC Elective	MOOC Electives	3	0	0	3
7	CS5L01	Microprocessor and Interfacing Laboratory	Lab	0	0	3	1.5
8	CS5L02	Database Laboratory	Lab	0	0	3	1.5
9	MA5CL1	Applied Mathematics-II (only for lateral entry students)	Core	3	0	0	3
Total Credits							24/27
Total Contact Hrs							30

SCHEME OF TEACHING AND EXAMINATION VI SEMESTER							
Sl.No.	Subject Code	Subject	Category	L	T	P	Cr.
1	CS6C01	Computer Networks	Core	3	0	0	3
2	CS6C02	Cryptography	Core	3	0	0	3
3	CS6C03	Compiler Design	Core	3	2	0	4
4	CS6C04	Web Technologies and Applications	Core	3	0	0	3
5	CS6C05	Engg. Economics	Core	3	0	0	3
6	CS6E1XX	Dept. Electives - 1	Elective	3	0	0	3
7	CS6L01	Web Technologies and Applications laboratory	Lab	0	0	3	1.5
8	CS6L02	Computer Networking Laboratory	Lab	0	0	3	1.5
9	CS6C06	Minor Project	Core	0	0	4	2
Total Credits							24
Total Contact Hrs							30

MOOC ELECTIVES (3 Credits)

Sl.No.	Subject Code	Subject	L:T:P
1	CS5M03	Introduction to Internet of Things	3:0:0
2	CS5M04	Social Networks	3:0:0
3	CS5M05	Introduction to Machine Learning	3:0:0
3	CS5MXX	Software Testing	3:0:0
4	CS5MXX	Parameterized Algorithms	3:0:0
5	CS5MXX	Computer Vision	3:0:0
6	CS5MXX	Natural Language Processing	3:0:0

DEPT. ELECTIVES (3 Credits)

Sl.No.	Subject Code	Subject	L:T:P
1	CS6E101	Design Of The Unix Operating System	3:0:0
2	CS6E102	Computer Graphics And Visualization	3:0:0
3	CS6E103	Multimedia Computing	3:0:0
4	CS6E104	Introduction To C# Programming And .Net Concepts	3:0:0
5	CS6E105	Python Programming	3:0:0
6	CS6E1XX	Artificial Intelligence	3:0:0