

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY
BELAGAVI**



Scheme of Teaching and Examinations

M.Tech., in CSE

Computer Engineering

Choice Based Credit System (CBCS) and Outcome Based Education (OBE)

Specialization in – Computer Engineering											
II SEMESTER											
Sl. No	Course Type	Course Code	Course Title	Teaching Hours per Week			Examination			Credits	
				Theory	Practical/ Seminar	Tutorial/ SDA	Duration in hours	CIE Marks	SEE Marks		Total Marks
				L	P	T/SDA					
1	PCC/PEC/ MDC/PCC(PB) /IPCC	MSCS201	Advances in Operating Systems	3	0	0	03	50	50	100	3
2		MSCE202	Advances in Computer Networks	3	0	0	03	50	50	100	3
3		MSCE203	Internet of Things Applications	3	0	1	04	50	50	100	4
4		MSCE214x	Professional Elective Course 1	3	0	0	03	50	50	100	3
5		MSCE215x	Professional Elective Course 2	3	0	0	04	50	50	100	3
6		MSCE206	Mini Project with Seminar	3	0	0	03	50	50	100	3
7	PCCL	MSCEL207	Internet of Things Laboratory	0	2	0	03	50	50	100	2
8	AEC/SEC	MSCS258	Skill Enhancement for Research Excellence	00	02	---	02	50	50	100	1
TOTAL								400	400	800	22
<p>Note: BSC-Basic Science Courses, PCC: Professional core. IPCC-Integrated Professional Core Courses, PCC(PB): Professional Core Courses (Project Based), PCCL-Professional Core Course lab, NCMC- None Credit Mandatory Course, L-Lecture, P-Practical, T/SDA-Tutorial / Skill Development Activities(Hours are for Interaction between faculty and students) MRMI19- Research Methodology and IPR (Online) for the students who have not studied this course in the Undergraduate level. This course is not counted for vertical progression, Students have to qualify for the award of the master's degree.</p>											
<p>M- Master program xx – ME for Mechanical Engineering Stream, CV for Civil Engineering Stream, EE – Electrical & Electronics Engineering Stream, EC- Electronics and Communication Engineering Stream, CS- Computer Science and Engineering BA- Business Administration AR- Architecture- etc.</p>											

For Professional Elective Course

Professional Elective Course-I (PEC)		Professional Elective Course-II (PEC)	
Code	Title of the Course	Code	Title of the Course
MSCE214A	Computer Vision	MSCE215A	Advances In Storage Area Network
MSCE214B	Deep Learning	MSCE215B	Wireless Networks & Mobile Computing
MSCE214C	Multimedia Communications	MSCE215C	Software Project Planning & Management
MSCE214D	Advanced Cryptography	MSCE215D	Network Programming