

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY  
BELAGAVI**



**Scheme of Teaching and Examinations**

**M.Tech., in CSE**

**Computer Network Engineering**

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

Specialization in – Computer Network 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		MSCN202	Advances in Computer Networks	3	0	0	03	50	50	100	3
3		MSCN203	Block Chain Technology	3	0	1	04	50	50	100	4
4		MSCN214x	Professional Elective Course 1	3	0	0	03	50	50	100	3
5		MSCN215x	Professional Elective Course 2	3	0	0	04	50	50	100	3
6		MSCN206	Mini Project with Seminar	3	0	0	03	50	50	100	3
7	PCCL	MSCNL207	Computer Network and IoT Laboratory	0	2	0	03	50	50	100	2
8	AEC/SEC	MSCS258	Skill Enhancement for Research Excellence-1	0	02	0	02	50	50	100	1
<b>TOTAL</b>								<b>400</b>	<b>400</b>	<b>800</b>	<b>22</b>
<p>Note: <b>BSC</b>-Basic Science Courses, <b>PCC</b>: Professional core. <b>IPCC</b>-Integrated Professional Core Courses, <b>PCC(PB)</b>: Professional Core Courses (Project Based), <b>PCCL</b>-Professional Core Course lab, <b>NMC</b>- None Credit Mandatory Course, <b>L</b>-Lecture, <b>P</b>-Practical, <b>T/SDA</b>-Tutorial / Skill Development Activities(Hours are for Interaction between faculty and students) <b>MRMI19</b>- Research Methodology and IPR (<b>Online</b>) for the students who have <b>not studied</b> 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><b>M</b>- Master program <b>xx</b> – <b>ME</b> for Mechanical Engineering Stream, <b>CV</b> for Civil Engineering Stream, <b>EE</b> – Electrical &amp; Electronics Engineering Stream, <b>EC</b>- Electronics and Communication Engineering Stream, <b>CS</b>- Computer Science and Engineering <b>BA</b>- Business Administration <b>AR</b>- Architecture- etc.</p>											

For Professional Elective Course

<b>Professional Elective Course-I (PEC)</b>		<b>Professional Elective Course-II (PEC)</b>	
<b>Code</b>	<b>Title of the Course</b>	<b>Code</b>	<b>Title of the Course</b>
MSCN214A	Wireless Ad Hoc Networks	MSCN215A	Network Protocol Design
MSCN214B	Advances In Storage Area Network	MSCN215B	Network Programming
MSCN214C	Internet Of Things And Applications	MSCN215C	Multimedia Communications
MSCN214D	Software Defined Networks	MSCN215D	Network Management