

**Semester - II**

<b>THEORY</b>							
Sl. No.	Paper Code	Paper Name	Contact Hours / Week				Credit
			L	T	P	Total	
1	MCAN-201	Data Structure with Python	3	1	-	4	4
2	MCAN-202	Operating System	3	1	-	4	4
3	MCAN-203	Object Oriented Programming with JAVA	3	1	-	4	4
4	MCAN-204	Networking	3	1	-	4	4
5	<b>Elective II</b>		3	-	-	3	3
	MCAN-E205A	Numerical and Statistical Analysis					
	MCAN-E205B	Computer Graphics					
	MCAN-E205C	Probability and Statistics					
	MCAN-E205D	Introduction to Cyber Security					
	MCAN-E205E	Introduction to IoT					
	MCAN-E205F	Automata Theory and Computational Complexity					
<b>PRACTICAL</b>							
1	MCAN-291	Data Structure Lab with Python	-	-	4	4	2
2	MCAN-292	Operating System Lab (Unix)	-	-	4	4	2
3	MCAN-293	Object Oriented Programming Lab using JAVA	-	-	4	4	2
<b>Total Weekly Contact Hours and Credit</b>						<b>31</b>	<b>25</b>
<b>BRIDGE COURSE</b>							
<b>[Only for Students of Category “B” stated in the “Eligibility” Section]</b>							
A minimum 8-week Online Course on Fundamentals of ‘Software Engineering’ or ‘Systems Analysis and Design’ or ‘Business Systems Applications’ or so							