

**Kolhapur Institute of Technology's  
College of Engineering (Autonomous),  
Kolhapur**



**Department of CSE (AIML)**

**Syllabus for T.Y B. Tech.**

**Computer Science and Engineering (AIML)**

**Scheme: 2021**

# SEM V

SEMESTER V								
Sr. No.	Course Code	Course Name	L	T	P	Hrs. / Week	Credits	Category
1	UAMC0501	Design and Analysis of Algorithm	3	1		4	4	PC
2	UAMC0502	Database Management System	3			3	3	PC
3	UAMC0503	Machine Learning	3			3	3	PC
4	UAME05**	Program Elective-I	3			3	3	PE
5	UAMO05**	Open Elective-I	3			3	3	ILOE
6	UAMC0531	Database Management Lab			2	2	1	PC
7	UAMC0532	Machine Learning Lab			2	2	1	PC
8	UAMC533	Web Technology Lab	2		2	4	3	PC
9	UAMC0551	MiniProject-II			2	2	1	PW
10	UAMA0561	Soft Skills	2					MAC
Total:						27	22	

PROGRAM ELECTIVE I							
Sr. No.	Course Code	Course Name	L	T	P	Hrs. / Week	Credits
1	UAME0521	Information Security System	3			3	3
2	UAME0522	Project Management	3			3	3
3	UAME0523	Internet of Things	3			3	3
4							
5							
Total:						3	3

OPEN ELECTIVE I							
Sr. No.	Course Code	Course Name	L	T	P	Hrs. / Week	Credits
1	UAMO0511	BioInformatics	3			3	3
2	UAMO0512	Electric Vehicles	3			3	3
3							
4							
5							
Total:						3	3

# SEM VI

SEMESTER VI								
Sr. No.	Course Code	Course Name	L	T	P	Hrs. / Week	Credits	Category
1	UAMC0601	Big Data Analytics	3	1		4	4	PC
2	UAMC0602	Cloud Computing	3	1		4	4	PC
3	UAMC0603	Deep Learning	3			3	3	PC
4	UAME06**	Program Elective-II	3			3	3	PE
5	UAMO06**	Open Elective-II	3			3	3	ILOE
6	UAMC0631	Advanced Programming Lab	1		2	3	2	PC
7	UAME063*	Program Elective Lab-II			2	2	1	PE
8	UAMC0632	Deep Learning Lab			2	2	1	PC
9	UAMC0651	MiniProject-III			2	2	1	PW
10	UAMA0661	Professional Communication			2	2		MAC
Total:						28	22	

PROGRAM ELECTIVE II								
Sr. No.	Course Code	Course Name	L	T	P	Hrs. / Week	Credits	
1	UAME0621	NoSQL	3		2	5	4	
2	UAME0622	STQA	3		2	5	4	
3	UAME0623	Business Intelligence Systems	3		2	5	4	
4	UAME0633	NoSQL-Lab						
5	UAME0634	STQA-Lab						
6	UAME0635	Business Intelligence Systems-Lab						
Total:						5	4	

OPEN ELECTIVE II								
Sr. No.	Course Code	Course Name	L	T	P	Hrs. / Week	Credits	
1	UAMO0613	Operational Research	3			3	3	
2	UAMO0614	Remote Sensing and GIS	3			3	3	
3	UAMO0615	E-waste Management	3			3	3	
4								
5								
Total:						3	3	