

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY
BELAGAVI**



Scheme of Teaching and Examinations

M.Tech., in CSE

Artificial Intelligence and Machine Learning

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

Specialization in – Artificial Intelligence and Machine Learning											
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		MSAM202	Deep Learning	3	0	0	03	50	50	100	3
3		MSAM203	Internet of Things Applications	3	0	1	04	50	50	100	4
4		MSAM214x	Professional Elective Course 1	3	0	0	03	50	50	100	3
5		MSAM215x	Professional Elective Course 2	3	0	0	04	50	50	100	3
6		MSAM206	Mini Project with Seminar	3	0	0	03	50	50	100	3
7	PCCL	MSAML207	Internet of Things Laboratory	0	2	0	03	50	50	100	2
8	AEC/SEC	MSCS258	Skill Enhancement for Research Excellence-1	00	02	0	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, NMC- 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
MSAM214A	High-Performance Computing	MSAM215A	Decision Support System
MSAM214B	Computer Vision	MSAM215B	Business Intelligence And Analytics
MSAM214C	Cloud Computing	MSAM215C	Blockchain Technology
MSAM214D	Artificial Intelligence In Cyber Security	MSAM215D	Agile Technologies

