VISVESVARAYA TECHNOLOGICAL UNIVERSITY

BELAGAVI

Scheme of Teaching and Examinations

M.Tech., in CSE

Artificial Intelligence and Data Science

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

Specialization in – Artificial Intelligence and Data Science

II SEMESTER

Sl. No	Course Type	Course Code	Course Title	Teaching Hours per Week			Duration in hours	Examination			Credits
				Theory	Practical/ Seminar	Tutorial/ SDA		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		MSAD202	Big Data Analytics	3	0	0	03	50	50	100	3
3		MSAD203	Internet of Things and Applications	3	0	1	04	50	50	100	4
4		MSAD214x	Professional Elective Course 1	3	0	0	03	50	50	100	3
5		MSAD215x	Professional Elective Course 2	3	0	0	04	50	50	100	3
6		MSAD206	Mini Project with Seminar	3	0	0	03	50	50	100	3
7	PCCL	MSADL207	Big Data Analytics 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**

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.

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.

For Professional Elective Course

Professional Elective Course-I (PEC)		Professional Elective Course-II (PEC)	
Code	Title of the Course	Code	Title of the Course
MSAD214A	Decision Support System	MSAD215A	Business Intelligence And Analytics
MSAD214B	Predictive Analysis	MSAD215B	Advanced Database Management System
MSAD214C	Computer Vision	MSAD215C	Cloud Computing
MSAD214D	Database Security	MSAD215D	Health Care Data Analytics