

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY
BELAGAVI**



Scheme of Teaching and Examinations

M.Tech., in CSE

Information Technology

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

Specialization in – Information Technology

II SEMESTER

Sl. No	Course	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		MSIT202	Information Retrieval	3	0	0	03	50	50	100	3
3		MSIT203	Enterprise Application Programming	3	0	1	03	50	50	100	4
4		MSIT214X	Professional Elective course 1	3	0	0	03	50	50	100	3
5		MSIT215X	Professional Elective course 2	3	0	0	03	50	50	100	3
6		MSIT206	Mini Project with Seminar	0	3	0	03	50	50	100	3
7	PCCL	MSITL207	Enterprise Application Programming Lab	0	2	0	03	50	50	100	2
8	AEC/SEC	MSCS258	Skill Enhancement For Research Excellence-1	0	2	0	03	50	50	100	1
								400	400	800	22

Note: **PCC**: Professional core. **IPCC**-Integrated Professional Core Courses, **PCC(PB)**: Professional Core Courses (Project Based), **PCCL**-Professional Core Course lab, **PEC**- Professional Elective Courses, **MDC**- Multi-Disciplinary Courses
L-Lecture, P-Practical, T/SDA-Tutorial / Skill Development Activities (Hours are for Interaction between faculty and students)
L-Lecture, P-Practical, T/SDA-Tutorial / Skill Development Activities (Hours are for Interaction between faculty and students) **PBLC**: Project Based Learning Course,
 Note: **xxx** means specialization code for example **MDE**- Design Engineering, **LDN**- Digital Communication and Networking, **SCE**- Computer Engineering, **CCT**- Construction Technology, **AUD**- Urban Design, **MBA**- Master of Business Administration, **MCA**-Master of Computer Application, etc

Ability Enhancement Courses (AEC):.These courses are designed to help students enhance their skills in communication, language, and personality development. They also promote a deeper understanding of subjects like social sciences and ethics, culture and human behaviour, human rights, and the law.
Skill Enhancement Course (SEC): Skill Enhancement Course means a course designed to provide value-based or skill-based knowledge and should contain both theory and lab/hands-on/training/fieldwork. The main purpose of these courses is to provide students with life skills in the hands-on mode to increase their employability.

If **AEC/SEC** courses are **ONLINE (MOOCs)** courses, suggested by the concerned board of studies. These courses will be made available on **www.online.vtu.ac.in**,

For Professional Elective Course

Professional Elective Course-I (PEC)		Professional Elective Course-II (PEC)	
Code	Title of the Course	Code	Title of the Course
MSIT214A	Cloud Computing	MSIT215A	Multimedia Communication
MSIT214B	Deep Learning	MSIT215B	Web Engineering
MSIT214C	High Performance Computing	MSIT215C	Block Chain Technology
MSIT214D	Decision Support System	MSIT215D	Software Project Planning & Management