

M Sc INFORMATION TECHNOLOGY
(Two Years Regular Programme)
(For those who joined since 2021-22)

PROGRAM SPECIFIC OUTCOMES:

PSO 1: Providing necessary theoretical and practical training in the field of Information Technology

PSO 2: Identify, design and develop appropriate information technology solutions

PSO 3: Function effectively as a team member or a leader to accomplish a common goal in a multidisciplinary team

PROGRAMME STRUCTURE

Sem	Subject Code	Course	Subject Title	Hrs / wk	Credit	CIA Marks	ESE Marks	Total Marks
I	GMITC11	Core I	Object Oriented Programming in Java	6	5	40	60	100
	GMITC12	Core II	Computer Networks	6	5	40	60	100
	GMITC13	Core III	Operating System	6	5	40	60	100
	GMITC14P	Core IV	Programming in Java Lab	6	5	40	60	100
	GMITE1A GMITE1B	Elective I	a. Mobile Application Development / b. Soft Computing	6	5	40	60	100
	GMITX10	Extra Credit	* Online Certification	-	2	-	-	-
			Total	30	25+2	200	300	500
II	GMITC21	Core V	Advanced Java	6	5	40	60	100
	GMITC22	Core VI	Software Engineering	6	5	40	60	100
	GMITC23	Core VII	Open Technologies	6 (T-4 P-2)	5	40 (T-20 P-20)	60	100
	GMITC24P	Core VIII	Advanced Java Lab	6	5	40	60	100
	GMITE2A / GMITE2B	Elective II	a. Probability and Statistics / b. Distributed Computing	6	5	40	60	100
	GMITX2/ GMITX20	Extra Credit	Fluency in English / *Online Certification	-	2	-	100	100

			Total	30	25+2	200	300+100	500+100
III	GMITC31	Core IX	Data Mining and Warehousing	6	5	40	60	100
	GMITC32	Core X	Software Development Framework	6	5	40	60	100
	GMITC33	Core XI	Web Technology	6 (T-4 P-2)	5	40 (T-20 P-20)	60	100
	GMITC34P	Core XII	Software Development Framework Lab	6	5	40	60	100
	GMITE3A1 / GMITE3B	Elective III	a Human Resource Management / b. Mobile Communications	6	5	40	60	100
	GMITX3P / GMITX3O	Extra Credit	Internship / *Online Certification	-	2	100	-	100
			Total	30	25+2	200+100	300	500+100
IV	GMITC41	Core XIII	Optimization Techniques	6	5	40	60	100
	GMITC42	Core XIV	Cloud Computing	6	5	40	60	100
	GMITC43PW	Core XV	Project	18	5	100	100	200
	GMSED4	Extra Credit	Skills for Employability Development	-	2	100	-	100
				Total	30	15+2	280+100	220
			Grand Total	120	90+8	880+200	1120+100	1900+300

*For Online certification, credit alone will be assigned on submission of certificate obtained by appearing for online examination from EdX, Spoken Tutorial, NPTEL or Coursera etc approved by the Department