

**Course- MSc(Computer Science)**

<b>Level</b>	<b>Sem</b>	<b>Disciplinary Major Mandatory</b>	<b>DSE Electives</b>	<b>RM</b>	<b>OJT/FP</b>	<b>RP</b>	<b>Cumulative Credits</b>
6	I	14 Cr 4Cr-(Th)-COMCS51101-Paradigm of Programming Languages 4Cr-(Th)-COMCS51102-Database Technologies 4Cr-(Th)-COMCS51103-Artificial Intelligence 2Cr (Pr)-COMCS51104-Practical on PPL & Databases Technologies	4Cr 2Cr-(Th)-COMCS51201-Cloud Computing 2Cr-(Pr)-COMCS51202-Cloud Computing Practical	2(T)-COMCS51301-Research Methodology  2(P)-COMCS51302-Research Methodology			22
	II	14 Cr 4 Cr-(Th)-COMCS52101-Software Testing Using Manual and Automated Tools 4Cr-(Th)-COMCS52102-Mobile Technologies 4 Cr(Th)-COMCS52103-Emerging Trends in Data Science 2Cr-(Pr)-COMCS52104-Data Science Practical	4Cr 2Cr-(Th)-COMCS52201-Machine Learning 2Cr-(Pr)-COMCS52202-Machine Learning Practical		4(P)-COMCS52401 On Job Training/Field Project		22
Cu. Cr. for PG Diploma		24-28	8	4	4		40-44

Exit Option: PG Diploma(40-44) Credits after three-year UG Degree

6.5	III	14 Cr 4Cr-(Th)-COMCS63101-Software Architecture & Design Patterns 4Cr-(Th)-COMCS63102-Principles of Product Management 4Cr-(Th)-COMCS63103-Cryptography and Test Cases 2Cr-(Pr)-COMCS63104-SADP Practical using JAVA	4Cr 2Cr-(Th)-COMCS63201-Project 2Cr-(Pr)-COMCS63202-Project Related Assignments			4Cr(Pr)-COMCS63501-Research Project	22
	IV	12 Cr 4Cr-(Th)-COMCS64101-Business Intelligence 4Cr-(Th)-COMCS64102-DevOps 4Cr-(Pr)-COMCS64103-DevOps Practical	4Cr 2Cr-(Th)-COMCS64201-Web Frameworks 2Cr-(Pr)-COMCS64202-Web Frameworks Practical			6Cr(Pr)-COMCS64501-Industrial Project/Industrial Training	22
Cum. Cr. for 1 Yr. PG Degree		22-26	8			10	40-44
Cum. Cr. for 2 Yr. PG Degree		46-54	16	4	4	10	80-88