

.. MASTER IN COMPUTER APPLICATION (MCA)

MCA Syllabus Grid



**SRI SRI
UNIVERSITY**
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**Faculty of Engineering & Technology (FET)
Sri Sri University**

MASTER IN COMPUTER APPLICATION (MCA)

1st Year

Course code	Semester – I	L	T	P	Cr
TMC -101	Programming in 'C'	3	0	1	4
TMC -102	Advanced DBMS	3	0	1	4
TMC -103	Computer System Architecture	3	0	1	4
TMC -104	Discrete Mathematics	3	0	1	4
TMC -105	Advanced Operating System	3	0	1	4
TMC -106	Professional Communication	3	0	1	4
TMC -107	Happiness Connect	0	0	2	2
	Skill Enhancement				
TMC -108	Skill Courses/ Apprenticeship – I/ Internship – I/ OJT - I	0	0	3	3
	Optional				
TMC -109	Bridge Course in Foundational Math. & Programming Logic/ C			Completed/ Not Completed	
	Total Credit			29	

MASTER IN COMPUTER APPLICATION (MCA)

1st Year

Course code	Semester – II	L	T	P	Cr
TMC -110	Data Structure using 'C'	3	0	1	4
TMC -111	Internet and Web Technology	3	0	1	4
TMC -112	Computer Network & Data Communication	3	0	1	4
TMC -113	Python Programming	3	0	1	4
TMC -114	Advanced Java Programming	3	0	1	4
TMC -115	Block Chain Architecture Design	3	0	1	4
	Skill Enhancement				
TMC -116	Skill Courses/ Apprenticeship – II/ Internship – II/ OJT - II	0	0	3	3
	Total Credit			27	

MASTER IN COMPUTER APPLICATION (MCA)**2nd Year**

Course code	Semester – III	L	T	P	Cr
TMC -201	Analysis and Design of Algorithms	3	0	1	4
TMC -202	Microsoft Framework	3	0	1	4
TMC -203	Advanced Web Programming	3	0	1	4
TMC -204	Android Application Development	3	0	1	4
TMC -205	Software Project Management	3	0	1	4
TMC -206	Skill Enhancement				
TMC -207	Skill Courses/ Apprenticeship – III/ Internship – III/ OJT - III	0	0	3	3
Total Credit		23			

MASTER IN COMPUTER APPLICATION (MCA)**2nd Year**

Course code	Semester – IV	L	T	P	Cr
TMC -208	Cloud Computing	3	0	1	4
TMC -209	IOT	3	0	1	4
TMC -210	Website Management	3	0	1	4
TMC -211	Major project (Implementation & Presentation)	0	0	8	8
	Skill Enhancement				
TMC -212	Skill Courses/ Apprenticeship – IV/ Internship – IV/ OJT - IV	0	0	3	3
Total Credit		23			