

Swaraj College of Commerce And Computer Studies

Master of Science – CS

Details of Course:

- College offers following subjects:

First Year M. Sc. (Computer Science)		
SEMISTER I		
Sr. No.	Subject Code	Subject Name
1	CS 501 MJ	Advanced Operating System
2	CS 502 MJ	Artificial Intelligence
3	CS 503 MJ	Principles of Programming Languages
4	CS 504 MJP	Lab course on CS-501-MJ
5	CS 505 MJP	Lab course on CS-502-MJ
Elective		
6	CS 510A MJ	Advance Databases and Web Technologies
7	CS 511 MJP	Lab course on CS-510-MJ
OR		
6	CS 512B MJ	Cloud Computing
7	CS 513B MJP	Lab Course based on CS 512B
OR		
6	CS-514-MJ	C# .NET Programming
7	CS-515-MJP	Lab Course on CS-514-MJ
8	CS 541 RM	Research Methodology

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SEMISTER II		
Sr. No.	Subject Code	Subject Name
1	CS 551 MJ	Design and Analysis of Algorithms
2	CS 552 MJ	Mobile App Development Technologies
3	CS 553 MJ	Software Project Management
4	CS 554 MJP	Lab course based on CS 551
5	CS-555-MJP	Lab course on CS-552-MJ
Elective		
6	CS-560-MJ	Full Stack Development - I
7	CS-561-MJP	Lab Course on CS-560-MJ
OR		
6	CS-562-MJ	Web Services
7	CS-563-MJP	Lab Course on CS-562-MJ
OR		
6	CS-514-MJ	CS-564-MJ
7	CS-515-MJP	CS-565-MJP
8	CS-581-OJT	On Job Training / Internship

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SEMISTER III		
Sr. No.	Subject Code	Subject Name
1	CS 601 MJ	Software Architecture and Design Pattern
2	CS 602 MJ	Machine Learning
3	CS 603 MJ	Internet of Things
4	CS 604 MJP	Lab Course based on CS 601 MJ
5	CS 605 MJP	Lab Course based on CS 602 MJ
Elective		
6	CS 610A MJ	Full Stack Development- II
7	CS 611A MJP	Lab Course based on CS 610A MJ
OR		
6	CS 612B MJ	DevOps Fundamentals
7	CS 613B MJP	Lab Course on CS-612-MJ
OR		
6	CS-614-MJ	Soft Computing
7	CS-615-MJP	Practical on CS-614-MJ
8	CS-631-RP	Research work I

Second Year M. Sc. (Computer Science)		
SEMISTER IV		
Sr. No.	Subject Code	Subject Name
1	CS-651-MJP	Full Time Industrial Training (IT)
2	CS-681-RP	Research Work -II