

SARVAJANIK UNIVERSITY
FACULTY OF COMPUTER SCIENCE AND APPLICATIONS
M.Sc. (Information Technology)
Sem-III and IV



SARVAJANIK
UNIVERSITY

INCLUSIVE | INTEGRATED | INNOVATIVE

Faculty of Computer Science and Applications

M.Sc. (Information Technology)

SEMESTER- 4

DETAILED CURRICULUM
(W.E.F. 2026-27)

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		Semester -4						
Course Code	Title	Teaching Hrs. per week		Course Credits	University Examination		Internal Marks	Total Marks
		Theory	Practical			Marks		
MSCS21401	DSC-7 Project	-	-	20	150		350	500
MSCS22402	DSE-4 Seminar Presentation/Review of published research paper	-	-	4	30		70	100
	Total=			24				600

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Name of College: Shree Ramkrishna Institute of Computer Education and Applied Sciences						
Faculty	Science		Program		M.Sc. (IT)	
Year	2026-27		Version			
Semester	IV		Effective From		June, 2026	
Course Code	MSCS21401	Course Name	Project			
Teaching Scheme				Examination Scheme		
Credits	Lecture (L)	Tutorial (T)	Practical (P)	Continuous Assessments (CA)	Term end examinations (TEE)	Total
20	-	-	-	350	150	500

Purpose of Course	Purpose of Course Students will get trained in industrial practices and activities of Software Engineering
Course Objective	To expose students to industrial practices and activities of software engineering and training them about the same.
Pr-requisite	Knowledge of Advanced Programming, Latest Technologies and Tools and Software Engineering.
Course Out come	After completion of this course, the student will be capable of starting a professional career and/or research work in the field of Information Technology.
Course Content	The entire semester is allocated for full-time project work. All the students have to undergo a project preferably in an industry or any reputed institute. The students must prepare documentation of the project work done per the software Engineering Guidelines. At the end of the semester, the students have to submit their project report in bounded form to the respective institution. The project presentation and viva – voice will be conducted on the basis of it. The students have to submit the following reports to their respective institution: 1. Project Joining Report 2. Appropriate name of the project 3. Monthly Progress Report duly signed by the concern external guide 4. Project Completion Certificate 5. Institution/College Certificate 6. Software Coding declaration...(if industry/organization doesn't permit students to submit the source code) (To be submitted at the time of joining project training) 7. Attendance Report Without such reports student will not be allowed to appear in his/her final Project Presentation and Viva-Voice.

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Faculty	Science		Program		M.Sc. (IT)	
Year	2026-27		Version			
Semester	IV		Effective From		June, 2026	
Course Code	MSCS22401	Course Name	Seminar Presentation/Review of published research paper			
Teaching Scheme				Examination Scheme		
Credits	Lecture (L)	Tutorial (T)	Practical (P)	Continuous Assessments (CA)	Term end examinations (TEE)	Total
4	-	-	-	70	30	100

Purpose of Course	Seminar/Presentation: The purpose of the course is to make students capable of gaining additional knowledge (besides the curricula) in the field of information technology by self learning practices and presenting and/or demonstrating it. Research review: The purpose of a review paper is to succinctly review recent progress in a particular topic. Overall, the paper summarizes the current state of knowledge of the topic. It creates an understanding of the topic for the reader by discussing the findings presented in recent research papers
Course Objective	Additional knowledge building in the field of Information Technology using self-learning practice and research paper reviews. .
Pr-requisite	Basic Knowledge of Information Technology theories, activities, methods, techniques & tools
Course Out come	After completion of this course, the student will have gained further knowledge (besides the curricula) in the field of information technology by self learning practices and will be capable of presenting and/or demonstrating it. OR The student will benefit with research paper reviews To help improve writing and research skills To professionalize the graduate experience. To inform a future career path .
Course Content	In this paper students will have to select any topic related to the information technology field—preferably based on the current trends and technologies for the seminar. Individual students are required to prepare a seminar report. At the end of the semester a student has to submit a seminar report with satisfactory detailed study in the bounded form to the respective institution. The seminar presentation and viva voice will be conducted on the basis of selected topics at the end of the semester. The students have to submit the following documents to their respective institution: 1. Name and abstract of the Topic selected. 2. Monthly Progress Report duly signed by the concern internal guide 3. Work Completion Certificate by internal guide 4. Institution/College Certificate