



**THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN (AUTONOMOUS),
Sivakasi**

(Affiliated to Madurai Kamaraj University, Reaccredited with "A" Grade by NAAC,
College with Potential for Excellence by UGC & Mentor Institution under UGC PARAMARSH)

NAAC SSR Cycle IV (2015-2020)

2.6. Student Performance and Learning Outcomes

2.6.1. PO and CO for all Programmes

STAFF PORTAL IN ERMS



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SIVAKASI – 626 123.**

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VIEW OF THE UPLOADED SYLLABUS

Course Outcomes (CO) :

On successful completion of the courses, the learners should be able to:

Course Outcomes	K- Level	Description	Attainment Level (%)
CO1	K2	illustrate the structure of operating systems and explain the concepts of process and memory management.	50
CO2	K4	analyze the various CPU scheduling algorithms.	50
CO3	K3	identify and handle the deadlines in process synchronization.	50
CO4	K2	demonstrate the different memory management strategies.	50
CO5	K5	interpret the allocation methods of file systems and compare the disk scheduling algorithms.	50

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COURSE OUTCOME

CO1	K2	illustrate the structure of operating systems and explain the concepts of process and memory management.	50
CO2	K4	analyze the various CPU scheduling algorithms.	50
CO3	K3	identify and handle the deadlines in process synchronization.	50
CO4	K2	demonstrate the different memory management strategies.	50
CO5	K5	interpret the allocation methods of file systems and compare the disk scheduling algorithms.	50

CO - PO Mapping table (Course Articulation Matrix)

COs	POs						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	3	-	-	-	-	-	3
CO2	9	3	-	-	-	-	-
CO3	9	3	3	-	-	-	-
CO4	9	3	3	-	-	-	-
CO5	9	3	3	-	-	-	-
Weightage of the course	39.00	12.00	9.00	-	-	-	3.00
Weighted Percentage of course contribution to PO's	3.06	1.30	2.01	-	-	-	1.18

Based on the level of contribution (3-High, 3-Medium, 1-Low)

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PROGRAMME EDUCATIONAL OBJECTIVES

Sl.No.	PEO	Description
1	PEO1	be competent software professionals, take up progressive careers in industry and pursue higher studies
2	PEO2	be proficient in developing innovative solutions to complex real life problems using existing and novel technologies
3	PEO3	adapt to new technologies and constantly upgrade their skills to be a successful entrepreneur
4	PEO4	become ethical and responsible towards themselves, coworkers, society and nation

Sl.No.	Name	Attributes	Description	Part
1	GA1	Disciplinary knowledge	Apply the knowledge of Arts, Science and Humanities to address fundamental and complex questions appropriate to their programmes.	Heart
2	GA2	Critical thinking, Analytical reasoning and Problem solving	Make use of appropriate knowledge and skills to identify, formulate, analyze and solve problems in order to reach substantiated conclusions.	Heart
3	GA3	Research related skills	Critically analyze research processes, products and practices with a view of strategic use of data in their field.	Heart
4	GA4	Scientific reasoning and Reflective thinking	Analyse data and make predictions, test ideas, document data and communicate thoughts	Heart
5	GA5	Communication Skills	Communicate effectively on complex activities with the community and society and being able to comprehend and write effective reports and make presentations.	Heart
6	GA6	Information/digital literacy	Make use of modern tools and apply appropriate techniques by understanding their limitations.	Heart
7	GA7	Multicultural competence and Moral and ethical awareness/responsibility	Defend the society against gender and environmental issues with moral and ethical awareness.	Heart

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PROGRAMME OUTCOME

8	GA8	Cooperation/Team work	Interact productively with people from diverse backgrounds as both leaders/mentors and team members with integrity and professionalism.	Heart
9	GA9	Leadership readiness/qualities	Function effectively as a leader in teams and multidisciplinary settings.	Heart
10	GA10	Self-directed and Lifelong learning	Formulate their own educational needs in a changing world in ways sufficient to maintain their competence and to allow them to contribute to the advancement of knowledge.	Heart

Sl.No.	PO	Description
1	PO1	Disciplinary knowledge : Apply the knowledge of Arts, Science and Humanities to address fundamental and complex questions appropriate to their programmes.
2	PO2	Critical thinking, Problem solving and Analytical reasoning : Make use of appropriate knowledge and skills to identify, formulate, analyze and solve problems in order to reach substantiated conclusions.
3	PO3	Research related skills and scientific reasoning : Critically analyze research processes, products and practices with a view of strategic use of data in their field.
4	PO4	Communication skills and Digital literacy : Demonstrate skills in oral and written communication and make use of ICT in various learning ambience.
5	PO5	Team work and Leadership quality : Interact productively with people from diverse backgrounds as both leaders/mentors and team members with integrity and professionalism.
6	PO6	Multicultural competence with Moral and ethical awareness : Defend the society against gender and environmental issues with moral and ethical awareness.
7	PO7	Self-directed and Life-long learning : Formulate their own educational needs in a changing world in ways sufficient to maintain their competence and to allow them to contribute to the advancement of knowledge.

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