



Department of Computer Science

Courses focus on Employability, Entrepreneurship and Skill development

Particulars	Regulation 2015 - 2018	Regulation 2018 - 2021	Regulation 2021 - 2024
Courses Focusing Employability	11	16	13
Courses Focusing Skill Development	19	22	26
Courses Focusing Entrepreneurship	0	2	2
Total	30	40	41



Courses focus on Employability, Entrepreneurship and Skill development

Regulation 2015-2018

S.No.	Semester	Course Code	Course Name	Employability	Skill Development	Entrepreneurship	Contemporary Requirement
1.	III	15UCSC31	Object Oriented Programming with Java	YES			
2.	III	15UCSC3P	Object Oriented Programming with Java Lab	YES			
3.	III	15UCSC32	Data Structures and Algorithms		YES		
4.	III	15UCSA31	Fundamentals of Statistics		YES		
5.	IV	15UCSC41	Relational Database Management System	YES			
6.	IV	15UCSC4P	RDBMS Lab	YES			
7.	IV	15UCSA41	Computer Oriented Numerical Methods		YES		
8.	IV	15UCS041	Management Information System		YES		
9.	IV	15UCS042	Assembly Language Programming : Microprocessor and Microcontroller		YES		



SRI KALISWARI COLLEGE (AUTONOMOUS)

Affiliated to Madurai Kamaraj University, Madurai
Re-accredited with 'A' grade (3rd cycle) by NAAC with CGPA 3.11

A.Meenakshipuram, Anaikuttam Post, SIVAKASI - 626 130. Tamilnadu

NAAC IV CYCLE

10.	IV	15UCS043	Computer Graphics and Multimedia		YES		YES
11.	IV	15UCSV41	Numerical Ability	YES			YES
12.	V	15UCSC51	System Software and Operating System		YES		
13.	V	15UCSC52	ASP .NET	YES			
14.	V	15UCSC5P	.NET Lab	YES			
15.	V	15UCSC5Q	PHP Lab	YES			YES
16.	V	15UCS051	R Tool		YES		YES
17.	V	15UCS052	Mobile Application Development		YES		
18.	V	15UCS053	Data Mining and Data Warehousing		YES		
19.	V	15UCSJ51	On Job Training (OJT)	YES			
20.	V	15UCSS5P	Soft Skill Training		YES		
21.	V	15UCSS5Q	UML Lab		YES		YES
22.	VI	15UCSC61	Software Engineering		YES		
23.	VI	15UCSC6P	DTP and Multimedia Lab	YES			
24.	VI	15UCSC62	Computer Networks		YES		
25.	VI	15UCSJ61	Project & Viva -Voce	YES			
26.	VI	15UCS061	Software Testing		YES		
27.	VI	15UCS062	Computer Security		YES		YES
28.	VI	15UCS063	Cloud Computing and Information Storage Management		YES		YES
29.	VI	15UCSS6P	Image Processing Tool		YES		YES

CRITERION - I



SRI KALISWARI COLLEGE (AUTONOMOUS)

Affiliated to Madurai Kamaraj University, Madurai
Re-accredited with 'A' grade (3rd cycle) by NAAC with CGPA 3.11

A.Meenakshipuram, Anaikuttam Post, SIVAKASI - 626 130. Tamilnadu

NAAC IV CYCLE

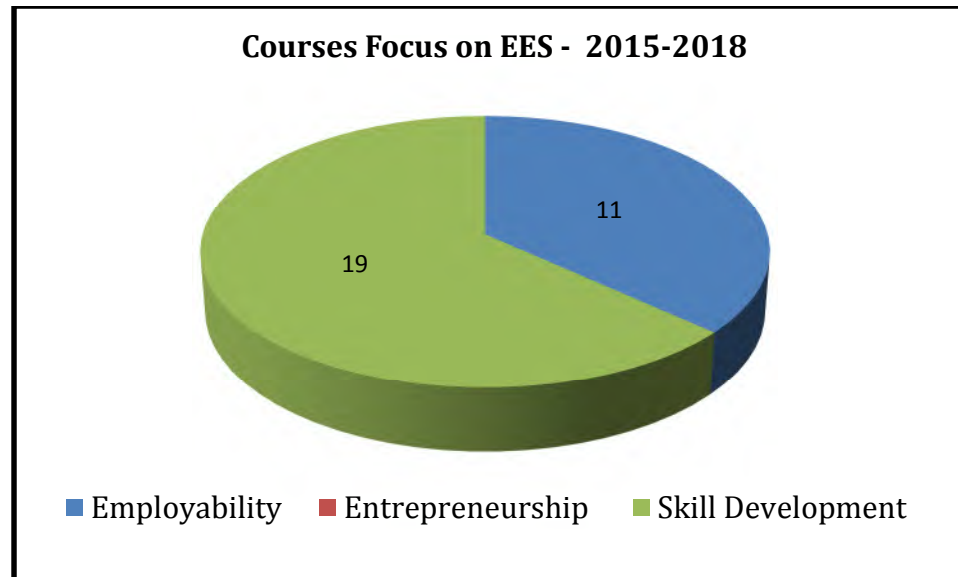
			Lab				
30.	VI	15UCSV6P	Biometrics		YES		YES
Total No of courses				11	19	0	
Percentage				36.67%	63.33%	0%	



Courses focus on Employability, Entrepreneurship and Skill development

Regulation 2015 – 2018

Graphical Representation





Courses focus on Employability, Entrepreneurship and Skill development

Regulation 2018-2021

S.No.	Semester	Course Code	Course Name	Employability	Skill development	Entrepreneurship	Contemporary Requirement
1.	I	18UCSC11	Programming in C	YES			
2.	I	18UCSC1P	Programming in C Lab	YES			
3.	I	18UCSA11	Mathematical Foundations		YES		
4.	I	18UCSE11	Introduction to Microprocessor & Computer Organization		YES		
5.	I	18UCSN11	Introduction to Computer Science		YES		
6.	II	18UCSC21	OOPs with C++ and Data Structure	YES			
7.	II	18UCSC2P	C++ and Data Structure Lab	YES			
8.	II	18UCSA21	Operations Research	YES			
9.	II	18UCSE2P	DTP and Multimedia Lab			YES	
10.	II	18UCSN21	Introduction to Internet		YES		
11.	III	18UCSC31	Java Programming	YES			
12.	III	18UCSC3P	Java Programming Lab	YES			
13.	III	18UCSA31	Numerical Methods and its Applications		YES		
14.	III	18UCSS3P	UML Lab		YES		



SRI KALISWARI COLLEGE (AUTONOMOUS)

Affiliated to Madurai Kamaraj University, Madurai
Re-accredited with 'A' grade (3rd cycle) by NAAC with CGPA 3.11

A.Meenakshipuram, Anaikuttam Post, SIVAKASI - 626 130. Tamilnadu

NAAC IV CYCLE

S.No.	Semester	Course Code	Course Name	Employability	Skill development	Entrepreneurship	Contemporary Requirement
15.	III	18UCSV3P	Web Designing Lab	YES			
16.	IV	18UCSC41	Relational Database Management System	YES			
17.	IV	18UCSC4P	RDBMS and Visual Programming Lab	YES			
18.	IV	18UCSA41	Numerical Ability	YES			
19.	IV	18UCS041	Web Programming		YES		
20.	IV	18UCS042	Computer Algorithm		YES		YES
21.	IV	18UCS043	Consumer Affairs		YES		YES
22.	V	18UCSC51	Software Engineering		YES		
23.	V	18UCSC52	System Software and Operating System		YES		
24.	V	18UCSC5P	PHP Lab	YES			
25.	V	18UCSC5Q	Web Programming Lab		YES		
26.	V	18UCS051	Python Programming	YES			YES
27.	V	18UCS052	Computer Graphics and Multimedia		YES		
28.	V	18UCS053	Embedded Systems		YES		YES
29.	V	18UCSS5P	Python Lab	YES			YES
30.	V	18UCSS5Q	Soft Skill Training		YES		
31.	V	18UCSJ51	On Job Training	YES			
32.	VI	18UCSC61	Computer Networks		YES		
33.	VI	18UCSC62	Data Warehouse and Data Mining		YES		

CRITERION - I



SRI KALISWARI COLLEGE (AUTONOMOUS)

Affiliated to Madurai Kamaraj University, Madurai
Re-accredited with 'A' grade (3rd cycle) by NAAC with CGPA 3.11

A.Meenakshipuram, Anaikuttam Post, SIVAKASI - 626 130. Tamilnadu

NAAC IV CYCLE

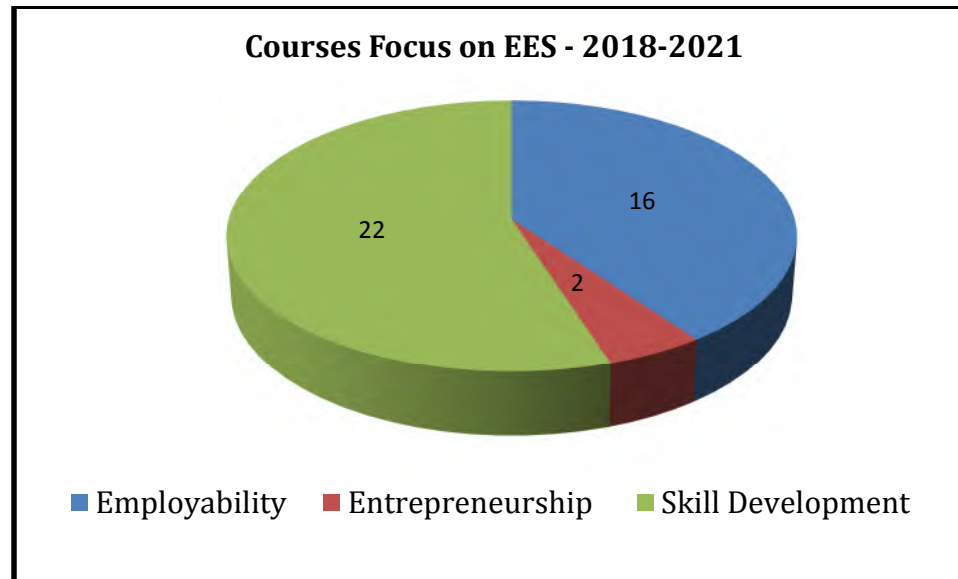
S.No.	Semester	Course Code	Course Name	Employability	Skill development	Entrepreneurship	Contemporary Requirement
34.	VI	18UCSC6P	Mobile Application Development Lab			YES	YES
35.	VI	18UCSJ61	Project & Viva-Voce	YES			
36.	VI	18UCS061	Artificial Intelligence and Expert Systems		YES		YES
37.	VI	18UCS062	IoT and its applications		YES		YES
38.	VI	18UCS063	Software Testing		YES		
39.	VI	18UCSS61	Bio-Informatics		YES		YES
40.	VI	18UCSV6P	R Programming Lab		YES		YES
Total No of courses				16	22	2	
Percentage				40%	55%	5%	



Courses focus on Employability, Entrepreneurship and Skill development

Regulation 2018 - 2021

Graphical Representation





Courses focus on Employability, Entrepreneurship and Skill development

Regulation 2021-2024

S.No.	Semester	Course Code	Course Name	Employability	Skill Development	Entrepreneurship	Contemporary Requirement
1.	I	21UCSC11	Programming in C	YES			
2.	I	21UCSC1P	Practical: C Programming	YES			
3.	I	21UCSA11	Mathematical Foundations		YES		
4.	I	21UCSS1P	Practical: Office Automation		YES		
5.	II	21UCSC21	Data Structures and Algorithms		YES		
6.	II	21UCSC2P	Practical: Data Structure	YES			
7.	II	21UCSA21	Operations Research	YES			
8.	II	21UCSS2P	Practical: DTP and Multimedia			YES	YES
9.	III	21UCSC31	Relational Database Management Systems		YES		
10.	III	21UCSC3P	Practical: SQL and PLSQL	YES			
11.	III	21UCSA31	Numerical Methods for Scientific Computation	YES			YES
12.	III	21UCSN31	Fundamentals of Computers		YES		
13.	III	21UCSS3P	Practical: Linux and Shell Programming		YES		



SRI KALISWARI COLLEGE (AUTONOMOUS)

Affiliated to Madurai Kamaraj University, Madurai
Re-accredited with 'A' grade (3rd cycle) by NAAC with CGPA 3.11

A.Meenakshipuram, Anaikuttam Post, SIVAKASI - 626 130. Tamilnadu

NAAC IV CYCLE

S.No.	Semester	Course Code	Course Name	Employability	Skill Development	Entrepreneurship	Contemporary Requirement
14.	IV	21UCSC41	Programming in Java	YES			
15.	IV	21UCSC4P	Practical: Java Programming	YES			
16.	IV	21UCSA41	Microprocessor and Computer Organization		YES		
17.	IV	21UCSM41	Self-paced Learning (Swayam Course): Programming in C++		YES		YES
18.	IV	21UCSM42	Self-paced Learning (Swayam Course): Programming, Data Structures and Algorithms using Python		YES		YES
19.	IV	21UCSN41	Fundamentals of Internet		YES		
20.	IV	21UCSS4P	Practical: Assembly Language Programming		YES		
21.	V	21UCSC51	Web Technology		YES		
22.	V	21UCSC52	System Software and Operating System		YES		
23.	V	21UCSC5P	Practical: Web Technology	YES			
24.	V	21UCSC5Q	Practical: Android Programming			YES	YES
25.	V	21UCS051	Computer Graphics		YES		
26.	V	21UCS052	Software Testing		YES		
27.	V	21UCS053	Digital Image Processing		YES		

CRITERION - I



SRI KALISWARI COLLEGE (AUTONOMOUS)

Affiliated to Madurai Kamaraj University, Madurai
Re-accredited with 'A' grade (3rd cycle) by NAAC with CGPA 3.11

A.Meenakshipuram, Anaikuttam Post, SIVAKASI - 626 130. Tamilnadu

NAAC IV CYCLE

S.No.	Semester	Course Code	Course Name	Employability	Skill Development	Entrepreneurship	Contemporary Requirement
28.	V	21UCS054	Data Mining and Warehousing		YES		
29.	V	21UCS055	Network Security		YES		YES
30.	V	21UCS056	Artificial Intelligence		YES		
31.	V	21UCSS5P	Practical: Soft skill Training	YES			
32.	V	21UCSJ51	Internship	YES			
33.	VI	21UCSC61	Computer Networks		YES		
34.	VI	21UCSC62	Software Engineering		YES		
35.	VI	21UCSC63	Open Source Technology		YES		YES
36.	VI	21UCSC6P	Practical: Open Source Technology	YES			YES
37.	VI	21UCSJ61	Project	YES			
38.	VI	21UCS061	Advanced Computing		YES		YES
39.	VI	21UCS062	Internet of Things		YES		
40.	VI	21UCS063	Bigdata		YES		YES
41.	VI	21UCSS6P	Practical: Image Processing		YES		
Total No of courses				13	26	2	
Percentage				31.70%	63.41%	4.88%	



Courses focus on Employability, Entrepreneurship and Skill development

Regulation 2021 - 2024

Graphical Representation

