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)

1.1. CURRICULUM DESIGN AND DEVELOPMENT

1.1.3. COURSES FOCUS ON EMPLOYABILITY / ENTREPRENEURSHIP / SKILL DEVELOPMENT

COURSES FOCUS ON EMPLOYABILITY / ENTREPRENEURSHIP / SKILL DEVELOPMENT
B.SC. COMPUTER SCIENCE
2017 AND LATER

THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN (AUTONOMOUS), SIVAKASI – 626 123.
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DEPARTMENT OF COMPUTER SCIENCE
B.SC. COMPUTER SCIENCE
COURSES FOCUS ON EMPLOYABILITY, ENTREPRENEURSHIP AND SKILL DEVELOPMENT
2017 AND LATER

THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN
(AUTONOMOUS)

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PARAMARSH)

SIVAKASI

DEPARTMENT OF COMPUTER SCIENCE

COURSES FOCUSING ON EMPLOYABILITY, ENTREPRENEURSHIP AND SKILL DEVELOPMENT
B.Sc COMPUTER SCIENCE - SYLLABUS 2017

S. No	Semester	Course Code	Course Title	Focus on employability, entrepreneurship and skill development
1.	I	GLCS11	PROGRAMMING IN C	Skill Development
2.		GLCS1A	DIGITAL PRINCIPLES AND APPLICATIONS	Skill Development
3.		GLCS1L	C AND PC SOFTWARE LAB	Skill Development
4.	II	GLCS21	OBJECT ORIENTED PROGRAMMING IN C++	Skill Development
5.		GLCS2A	COMPUTER ORGANIZATION	Skill Development
6.		GLCS2L	PROGRAMMING IN C++ LAB	Skill Development
7.	III	GLCS31	DATA STRUCTURES	Employability
8.		GLCS32	DATABASE MANAGEMENT SYSTEMS	Employability
9.		GLCS3A	OPERATIONS RESEARCH	Skill Development
10.		GLCS3L	DATA STRUCTURES LAB	Employability
11.		GLCS3AL	DBMS LAB	Employability
12.	IV	GLCS41	.NET PROGARMMING	Employability
13.		GLCS4A	COMPUTER ORIENTED NUMERICAL METHODS	Skill Development
14.		GLCS4L	.NET PROGRAMMING LAB	Skill Development
15.		GLCS4AL	HTML LAB	Skill Development
16.	V	GLCS51	WEB TECHNOLOGY	Employability
17.		GLCS5E1	PROGRAMMING IN JAVA	Employability
18.		GLCS5E2	OPERATING SYSTEMS	Skill Development
19.		GLCS5L1	PROGRAMMING IN JAVA LAB	Skill Development
20.		GLCS5L2	WEB TECHNOLOGY LAB	Skill Development
21.	VI	GLCS61	COMPUTER GRAPHICS	Skill Development
22.		GLCS62	SOFTWARE ENGINEERING	Employability

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2017 AND LATER

23.		GLCS6E1	COMPUTER NETWORKS	Employability
24.		GLCS6L	COMPUTER GRAPHICS LAB	Skill Development
25.		GLCS6P	PROJECT WORK	Skill Development
26.	III	GLCS3N	COMPUTERS TODAY	Employability
27.	IV	GLCS4N	FLASH	Skill Development
28.		GLCS4DSL	PYTHON PROGRAMMING LAB	Skill Development
29.		GLSE69	MOBILE PHONE SERVICING	Entrepreneurship
30.	VI	GLSE69L	MOBILE PHONE SERVICING LAB	Entrepreneurship
31.		GLJO63	TALLY	Employability
32.		GLJO63L	TALLY LAB	Employability

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M.Sc COMPUTER SCIENCE - SYLLABUS 2017

S. No	Semester	Course Code	Course Title	Focus on employability, entrepreneurship and skill development
1.	I	HLCS11	Computer Organization	Skill Development
2.		HLCS12	Discrete Structures	Skill Development
3.		HLCS13	Data Structures and Algorithms	Skill Development
4.		HLCS14	Object Oriented Programming with C++	Skill Development
5.		HLCS1L1	Data Structures and Algorithms Lab	Skill Development
6.		HLCS1L2	C++ Programming Lab	Skill Development
7.		HLCS1E1	Graphics & Multimedia	Skill Development
8.	II	HLCS21	Operating Systems	Employability
9.		HLCS22	Java Programming	Skill Development
10.		HLCS23	Database Management System	Employability
11.		HLCS24	Computer Networks	Employability
12.		HLCS2L1	Java Programming Lab	Skill Development
13.		HLCS2L2	DBMS Lab	Skill Development
14.		HLCS2E	ELECTRONIC COMMERCE	Entrepreneurship

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2017 AND LATER

15.		HLCS31	DotNET Programming	Employability
16.		HLCS32	Android Application Development	Employability
17.		HLCS33	Principles of Compiler Design	Skill Development
18.	III	HLCS3L1	DotNET Programming Lab	Skill Development
19.		HLCS3L2	Android Application Development Lab	Skill Development
20.		HLCS3E1	UGC NET Preparatory Course - Computer Science	Skill Development
21.		HLCS3E3	Software Engineering	Employability
22.	IV	HLCS4P	Major Project work and Viva Voce	Employability

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M.SC. COMPUTER SCIENCE
2016 AND LATER

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M.Sc COMPUTER SCIENCE - SYLLABUS 2016

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1.	I	16PCS11	Computer Organization	Skill Development
2.		16PCS12	Discrete Structures	Skill Development
3.		16PCS13	Data Structures & Algorithms	Skill Development
4.		16PCS14	Object Oriented Programming	Skill Development
5.		16PCS1L1	Data Structures & Algorithms Lab	Skill Development
6.		16PCS1L2	C++ Programming Lab	Skill Development
7.		16PCS1E1	Graphics & Multimedia	Skill Development
8.	II	16PCS21	Operating Systems	Skill Development
9.		16PCS22	Internet Programming	Entrepreneurship
10.		16PCS23	Database Management System	Employability
11.		16PCS24	Advanced Computer Networks	Employability
12.		16PCS2L1	Internet Programming Lab	Entrepreneurship
13.		16PCS2L2	DBMS Lab	Employability

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2016 AND LATER

14.		16PCS2E	Internet & its Applications	Entrepreneurship
15.		16PCS31	3D Modeling & Animation	Entrepreneurship
16.		16PCS32	.NET Programming	Skill Development
17.		16PCS33	Principles of Compiler Design	Skill Development
18.	III	16PCS3L1	3D Modeling & Animation Lab	Entrepreneurship
19.		16PCS3L2	.NET Programming Lab	Skill Development
20.		16PCS3E1	UGC Net Prelims - Computer Science	Skill Development
21.		16PCS3E2	Object Oriented Analysis & Design	Skill Development
22.	IV	16PCS4P	Major Project work and Viva Voce	Employability

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COURSES FOCUS ON EMPLOYABILITY / ENTREPRENEURSHIP / SKILL DEVELOPMENT
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2014 AND LATER

S. No	Semester	Course Code	Course Title	Focus on employability, entrepreneurship and skill development
1.	I	14UCS11	PROGRAMMING IN C	Skill Development
2.		14UCS1A	DIGITAL PRINCIPLES AND APPLICATIONS	Skill Development
3.		14UCS1L	C AND PC SOFTWARE LAB	Skill Development
4.	II	14UCS21	ADVANCED C PROGRAMMING	Skill Development
5.		14UCS2A	COMPUTER ORGANIZATION	Skill Development
6.		14UCS2L	ADVANCED C PROGRAMMING LAB	Skill Development
7.	III	14UCS31	OBJECT ORIENTED PROGRAMMING IN C++	Skill Development
8.		14UCS32	DATA STRUCTURES	Employability
9.		14UCS3A	RDBMS AND ORACLE	Employability
10.		14UCS3L	PROGRAMMING IN C++ LAB	Skill Development
11.		14UCS3AL	RDBMS LAB	Employability
12.	IV	14UCS41	VISUAL PROGRAMMING	Skill Development
13.		14UCS4A	DYNAMIC HTML	Skill Development

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2014 AND LATER

14.		14UCS4L	VISUAL PROGRAMMING LAB	Skill Development
15.		14UCS4AL	HTML LAB	Skill Development
16.		14UCS51	ASP.NET	Employability
17.		14UCS5E1	PROGRAMMING IN JAVA	Employability
18.	V	14UCS5E2	OPERATING SYSTEMS	Skill Development
19.		14UCS5L1	PROGRAMMING IN JAVA LAB	Skill Development
20.		14UCS5L2	ASP. NET LAB	Skill Development
21.		14UCS61	COMPUTER GRAPHICS	Skill Development
22.		14UCS62	SOFTWARE ENGINEERING	Employability
23.	VI	14UCS6E1	COMPUTER NETWORKS	Employability
24.		14UCS6L	COMPUTER GRAPHICS LAB	Skill Development
25.		14UCS6P	PROJECT WORK	Skill Development
26.	III	14UCS3N/ 15UCS3N	COMPUTERS TODAY	Employability
27.	IV	14UCS4N/ 15UCS4N	FLASH	Skill Development
28.		14USE69 / 15USE69	MOBILE PHONE SERVICING	Entrepreneurship
29.		14USE69L/ 15USE69L	MOBILE PHONE SERVICING LAB	Entrepreneurship
30.	VI	14UJO63/ 15UJO63	TALLY	Employability
31.		14UJO63L/ 15UJO63L	TALLY LAB	Employability

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