



**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

1.1.2. REVISION OF SYLLABUS

**PERCENTAGE OF SYLLABUS REVISION
2020 AND LATER**



**THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN (AUTONOMOUS),
SIVAKASI – 626 123.**

(Affiliated to Madurai Kamaraj University, Re-accredited with A Grade by NAAC,
College with Potential for Excellence by UGC and Mentor Institution under UGC PARAMARSH)

**DEPARTMENT OF INFORMATION TECHNOLOGY
PERCENTAGE OF SYLLABUS REVISION**

B.Sc. INFORMATION TECHNOLOGY

JUNE 2020 AND LATER

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

**DEPARTMENT OF INFORMATION TECHNOLOGY
B.SC INFORMATION TECHNOLOGY – PROGRAMME CODE: BDIT
(For those who have joined in June 2020 and later)**

S.No.	Components	Number of courses having changes
1.	Part I	4
2.	Part II	2
3.	Part III	8
4.	Part IV	3
Total		17

Total Number of Courses having changes : 17

Total Number of Courses : 29

Percentage of Revision : 59

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Signature of the HOD

T. Palaniveshi

Principal

PRINCIPAL
The Standard Fireworks
Rajaratnam College
for Women,
SIVAKASI



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**DEPARTMENT OF INFORMATION TECHNOLOGY
PERCENTAGE OF SYLLABUS REVISION
B.Sc. INFORMATION TECHNOLOGY
JUNE 2020 AND LATER**

**THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN (AUTONOMOUS), SIVAKASI
DEPARTMENT OF INFORMATION TECHNOLOGY
B.Sc. Information Technology - Allotment of Credits and Hours
(For those joined in June 2020 and later)**

Courses			Semester						Total No. of Credits
			I	II	III	IV	V	VI	
Language Courses									
Part I - Tamil			6(3)	6(3)	6(3)	6(3)	-	-	12
Part II - English Language Course			6(3)	6(3)	6(3)	6(3)	-	-	12
Part III – Major, Major elective and Allied Courses									
Major	Theory	Course I	4(4)	4(4)	4(4)	4(4)	5(5)	5(5)	
		Course II	-	-	4(4)	-	-	4(4)	
	Practical	Lab I	5(4)	5(3)	4(3)	4(3)	5(3)	5(4)	
		Lab II	2(1)	-	-	-	-	-	
		Project	-	-	-	-	-	6(4)	
Major Elective	Theory	Course I	-	-	-	-	5(5)	5(5)	
		Course II	-	-	-	-	5(5)	-	
	Practical	Lab I	-	-	-	-	5(3)	-	
Allied	Theory		5(5)	5(5)	3(3)	3(3)	-	-	
	Practical		-	-	3(2)	3(2)	-	-	
Total No. of Credits			14	12	16	12	21	22	97
Part-IV Ability Enhancement Courses									
Value Added Courses									
1) Environment Studies			2(2)	-	-	-	-	-	
2) Value Education and Gender studies			-	2(2)	-	-	-	-	
Non Major Elective Courses									
1) NME I			-	-	-	2(2)	-	-	
2) NME II			-	-	-	-	2(2)	-	
Skill Based Courses									
1) Computer Literacy			-	2(2)	-	-	-	-	
2) Discipline Specific Course			-	-	-	2(2)	-	-	
3) Career Guidance and Subject Viva			-	-	-	-	2(2)	-	
4) Self Employment / Job Oriented Courses – Theory			-	-	-	-	-	2(2)	
5) Self Employment/ Job Oriented Courses – Practical / Project			-	-	-	-	-	2(2)	
Library and Information Science			-	-	-	-	1(*)	1(*)	
Total			2	4	-	4	4	4	18
Part-V: Social Awareness Programme and Physical Education									
National Service Scheme/National Cadet Corps/Extension Activities/Youth Red Cross and Blood Donation Club / Social Service League/Red Ribbon Club/Citizen Consumer Club/Environmental Club/Scout /Physical Education			1(*)	1(1)	-	-	-	-	1
Total Credits									140

Signature of the HOD

Principal
Dr. T. Palaneeswari
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**DEPARTMENT OF INFORMATION TECHNOLOGY
PERCENTAGE OF SYLLABUS REVISION
B.Sc. INFORMATION TECHNOLOGY
JUNE 2020 AND LATER**

**THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN(AUTONOMOUS),SIVAKASI
DEPARTMENT OF INFORMATION TECHNOLOGY
B.SC. INFORMATION TECHNOLOGY
(For those who have joined in June 2020 and later)
OUTCOME BASED EDUCATION WITH CHOICE BASED CREDIT SYSTEM
PROGRAMME CODE – BDIT
PROGRAMME SCHEME**

Component	Course Code	Course Title	Teaching Hours Per Week	Credits	Duration of Exam. (Hrs.)	Marks Allotted		
						Internal	External	Total
Semester I								
Part I	BDGT11/ BDGH11/ BDGF11	சங்க இலக்கியமும் உரைநடையும்/ Hindi Language Course – I/ French Language Course – I	6	3	3	40	60	100
Part II	BDGE11	English for Communication-I	6	3	3	40	60	100
Part III	BDIT11	Major Courses Programming in C	4	4	3	40	60	100
	BDIT1L1	C Programming Lab	5	4	3	50	50	100
	BDIT1L2	PC Software Lab	2	1	3	50	50	100
	BDIT1A	Allied Courses Computer System Architecture	5	5	3	40	60	100
Part IV	BDES11	Value Added Course Environmental studies	2	2	2	40	60	100
Total			30	22				700
Semester II								
Part I	BDGT21/ BDGH21/ BDGE21	அறிவுலக்கியமும் தன்முன்னேற்றக் கட்டுரைகளும் / Hindi Language Course -II / French Language Course - II	6	3	3	40	60	100
Part II	BDGE21	English for Communication-II	6	3	3	40	60	100
Part III	BDIT21	Major Courses Object Oriented Programming with C++	4	4	3	40	60	100
	BDIT2L	Advanced C&C++ Programming Lab	5	3	3	50	50	100
	BDIT2A	Allied Courses Mathematical Foundations	5	5	3	40	60	100
Part IV	BDVG21	Value Added Course Value Education & General Studies	2	2	2	40	60	100
	BDCL21	Skill Based Course Computer Installation & Servicing	2	2	2	40	60	100
Part V	BDSA2	Social Awareness Programme and Physical Education	-	1	-	-	-	100
Total			30	23				700
Study tour/Field visit mandatory for the course BDIT1L2								
Semester III								
Part I	BDGT31/ BDGH31/ BDGF31	சமய இலக்கியமும் நாடகமும்/ Hindi Language Course –III / French Language Course - III	6	3	3	40	60	100
Part II	BDGE31	English for Enrichment-I	6	3	3	40	60	100
Part III	BDIT31	Major Courses RDBMS	4	4	3	40	60	100
	BDIT32	Web Designing	4	4	3	40	60	100
	BDIT3L	RDBMS Lab	4	3	3	50	50	100
	BDIT3A	Allied Courses Resource Management Techniques	3	3	3	40	60	100



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PERCENTAGE OF SYLLABUS REVISION
B.Sc. INFORMATION TECHNOLOGY
JUNE 2020 AND LATER**

Component	Course Code	Course Title	Teaching Hours Per Week	Credits	Duration of Exam. (Hrs.)	Marks Allotted		
						Internal	External	Total
	BDIT3AL	Web Designing Lab	3	2	3	50	50	100
Total			30	22				700
Study tour\Field visit mandatory for the course BDIT3AL								
Semester IV								
Part I	BDGT41/ BDGH41/ BDGF41	கவிதை இலக்கியமும் சிறுகதையும்/ Hindi Language Course -IV/ French Language Course - IV	6	3	3	40	60	100
Part II	BDGE41	English for Enrichment -II	6	3	3	40	60	100
Part III	BDIT41	Major Courses Operating System	4	4	3	40	60	100
	BDIT4L	Python Programming Lab	4	3	3	50	50	100
	BDIT4A	Allied Courses Data Structures	3	3	3	40	60	100
	BDIT4AL	Data Structures Lab	3	2	3	50	50	100
Part IV	BD4N	Non Major Elective Course	2	2	2	40	60	100
	BDIT4DSL	Skill Based Course Discipline Specific Course C Graphics Lab	2	2	3	50	50	100
Total			30	22				800
Semester V								
Part III	BDIT51	Major Courses Java Programming	5	5	3	40	60	100
	BDIT5L1	Java Programming Lab	5	3	3	50	50	100
	BDIT5L2	Web Technology Lab	5	3	3	50	50	100
	BDIT5V	Internship/ On –The - Job Training	-	1	-	-	-	100
	BDIT5E1 / BDIT5E2	Major Elective Courses Web Technology/ Cyber Security	5	5	3	40	60	100
	BDIT5E3 / BDIT5E4	Software Engineering/ System Software	5	4	3	40	60	100
Part IV	BDCG51	Skill Based Course Career Guidance	2	2	2	40	60	100
	BD5N	Non Major Elective Course	2	2	2	40	60	100
	-	Library and Information Science	1	-	-	-	-	-
Total			30	25				700
Study tour\Field visit mandatory for the course BDIT5E3								
Semester VI								
Part III	BDIT61	Major Courses Computer Networks	5	5	3	40	60	100
	BDIT62	Android Programming	4	4	3	40	60	100
	BDIT6L	Android Programming Lab	5	4	3	50	50	100
	BDIT6P	Major Project	6	4	3	-	-	100
	BDIT6E1/ BDIT6E2	Major Elective Course Computer Graphics /Internet Of Things	5	5	3	40	60	100
Part IV	BDSE/ BDJO	Skill Based Courses Self Employment/ Job Oriented courses – Theory	2	2	2	40	60	100
	BDSE/ BDJO	Self Employment/ Job Oriented courses – Practical/Field work/Project	2	2	2	50	50	100



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**DEPARTMENT OF INFORMATION TECHNOLOGY
PERCENTAGE OF SYLLABUS REVISION
B.Sc. INFORMATION TECHNOLOGY
JUNE 2020 AND LATER**

Component	Course Code	Course Title	Teaching Hours Per Week	Credits	Duration of Exam. (Hrs.)	Marks Allotted		
						Internal	External	Total
-	-	Library and Information Science	1	-	-	-	-	-
Total			30	26				700

THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN (AUTONOMOUS), SIVAKASI
DEPARTMENT OF INFORMATION TECHNOLOGY

COURSES OFFERED FOR OTHER MAJOR STUDENTS

Component	Course Code	Course Title	Teaching Hours Per Week	Credits	Duration of Exam. (Hrs.)	Marks Allotted		
						Internal	External	Total
Semester IV								
Part IV	BDIT4N	Non Major Elective Course Introduction to IT	2	2	2	40	60	100
Semester V								
Part IV	BDIT5N	Non Major Elective Course Internet&HTML	2	2	2	40	60	100
Semester VI								
Part IV	BDJO65	Skill Based Courses – Self Employment Courses Call Center Management	2	2	2	40	60	100
	BDJO65L	Call Center Management Lab	3	2	3	50	50	100

Extra Credit Course (Open to All)

Component	Course Code	Course Title	Teaching Hours Per Week	Credits	Duration of Exam. (Hrs.)	Marks Allotted		
						Internal	External	Total
-	BDITECL1	Programming in PHP Lab	2	2	3	50	50	100
-	BDITECL2	Designing with CorelDraw Lab	2	2	3	50	50	100

Signature of the HOD

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J. Palavesi
Principal
Dr. J. Patneeriswari
Principal
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NAAC SSR Cycle IV (2015-2020)

1.1. CURRICULUM DESIGN AND DEVELOPMENT

1.1.2. REVISION OF SYLLABUS

**PERCENTAGE OF SYLLABUS REVISION
2017 AND LATER**



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B.Sc. INFORMATION TECHNOLOGY

JUNE 2017 AND LATER

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SIVAKASI.

DEPARTMENT OF INFORMATION TECHNOLOGY
B.SC INFORMATION TECHNOLOGY – PROGRAMME CODE: GLIT
(For those who have joined in June 2017 and later)

S.No.	Components	Number of courses having changes
1.	Part I	4
2.	Part II	4
3.	Part III	6
4.	Part IV	2
Total		16

Total Number of Courses having changes : 6

Total Number of Courses :28

Percentage of Revision :21

Signature of the HOD

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PERCENTAGE OF SYLLABUS REVISION

B.Sc. INFORMATION TECHNOLOGY

JUNE 2017 AND LATER

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DEPARTMENT OF INFORMATION TECHNOLOGY
B.Sc. Information Technology
Allotment of Credits and Hours
(For those joined in June 2017 and later)**

Subject		Semester						Total No. of Credits
		I	II	III	IV	V	VI	
Language Courses								
Part I - Tamil		6(3)	6(3)	6(3)	6(3)	-	-	24
Part II - English Language Course		6(3)	6(3)	6(3)	6(3)	-	-	
Part III - Core and Allied Courses								
Major	Theory	Course I	5(5)	4(4)	4(4)	4(4)	5(5)	5(5)
		Course II	-	-	3(3)	-	5(5)	4(4)
		Course III	-	-	-	-	5(5)	5(5)
	Practical	Lab I	6(4)	5(3)	3(2)	4(3)	5(3)	5(4)
		Lab II	-	-	-	-	5(3)	-
		Project	-	-	-	-	-	6(4)
Allied	Theory	5(5)	5(5)	3(3)	3(3)	-	-	
	Practical	-	-	3(2)	3(2)	-	-	
Total No. of Credits		14	12	14	12	21	22	95
Part-IV Value Added / Non-Major / Skill based Courses								
Value Added Courses								
Peace Education		2(2)	-	-	-	-	-	20
Environment Studies		-	2(2)	-	-	-	-	
Non-Major Courses								
i) NME – I		-	-	2(2)	-	-	-	
ii) NME- II		-	-	-	2(2)	-	-	
Skill based Courses								
1. Computer Literacy		-	2(2)	-	-	-	-	
2. Discipline Specific Course		-	-	-	2(2)	-	-	
3. Career Guidance and Subject Viva		-	-	-	-	2(2)	-	
4. Women Studies		-	-	-	-	2(2)	-	
5. Self Employment / Job Oriented Courses – Theory		-	-	-	-	-	2(2)	
6. Self Employment / Job Oriented Courses - Practical/ Field work/ Project		-	-	-	-	-	2(2)	
Library and Information Science		-	-	-	-	1(*)	1(*)	
Total		2	4	2	4	4	4	
Part V – Extension Activities–Physical Education & Social Awareness Programme								
NSS/NCC/Physical Education/Extension Activities/Youth Red Cross/ Social Service League/Red Ribbon Club/Citizen Consumer Club/Environmental Club		1(*)	1(1)	-	-	-	-	1
Total Credits								140

Signature of the HOD

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B.Sc. INFORMATION TECHNOLOGY
JUNE 2017 AND LATER**

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DEPARTMENT OF INFORMATION TECHNOLOGY
B.Sc. INFORMATION TECHNOLOGY PROGRAMME
(For those who have joined in 2017 and later)
OUTCOME BASED EDUCATION WITH CHOICE BASED CREDIT SYSTEM
PROGRAMME CODE – GLIT
PROGRAMME SCHEME**

Component	Course Code	Course Title	Teaching Hours Per Week	Credits	Duration of Exam. (Hrs.)	Marks Allotted		
						Internal	External	Total
Semester I								
Part I	GLGT11/ GLGH11/ GLGF11	சங்க இலக்கியமும் உரைநடையும் / Hindi Language Course – I / French Language Course - I	6	3	3	25	75	100
Part II	GLEN11	Communicative English-I	6	3	3	25	75	100
Part III	GLIT11	Programming in C	5	5	3	25	75	100
	GLIT1A	Computer System Architecture	5	5	3	25	75	100
Part IV	GLIT1L	C & PC Software Lab	6	4	3	40	60	100
	GLPE11	Peace Education	2	2	2	25	75	100
Total			30	22				
Semester II								
Part I	GLGT21/ GLGH21/ GLGF21	காப்பிய இலக்கியமும் புதினமும் / Hindi Language Course -II / French Language Course - II	6	3	3	25	75	100
Part II	GLEN21	Communicative English-II	6	3	3	25	75	100
Part III	GLIT21	Object Oriented Programming with C++	4	4	3	25	75	100
	GLIT2A	Mathematical Foundations	5	5	3	25	75	100
	GLIT2L	Advanced C&C++ Programming Lab	5	3	3	40	60	100
Part IV	GLES21	Value Added Course Environmental studies	2	2	2	25	75	100
	GLCL21	Value Added Course Computer Installation & Servicing	2	2	2	25	75	100
Part V	-	Extension Activities – Physical Education and Social Awareness Programme		1				100
Total			30	23				
Semester III								
Part I	GLGT31/ GLGH31/ GLGF31	சமய இலக்கியமும் நாடகமும்/ Hindi Language Course –III / French Language Course - III	6	3	3	25	75	100
Part II	GLEN31	Communicative English-III	6	3	3	25	75	100
Part III	GLIT31	RDBMS	4	4	3	25	75	100
	GLIT32	Web Designing	3	3	3	25	75	100
	GLIT3A	Resource Management Techniques	3	3	3	25	75	100
	GLIT3L	RDBMS Lab	3	2	3	40	60	100
	GLIT3AL	Web Designing Lab	3	2	3	40	60	100
Part IV	GLNM	Non Major Elective I	2	2	2	25	75	100
Total			30	22				
Semester IV								
Part I	GLGT41/ GLGH41/ GLGF41	கவிதை இலக்கியமும் சிறுகதையும் / Hindi Language Course -IV/ French Language Course - IV	6	3	3	25	75	100
Part II	GLEN41	Communicative English-IV	6	3	3	25	75	100



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B.Sc. INFORMATION TECHNOLOGY
JUNE 2017 AND LATER**

Part III	GLIT41	Operating System	4	4	3	25	75	100
	GLIT4A	Data Structures	3	3	3	25	75	100
	GLIT4L	Unix & Shell Programming Lab	4	3	3	25	75	100
	GLIT4AL	Data Structures Lab	3	2	3	40	60	100
Part IV	GLNM	Non Major Elective II	2	2	2	25	75	100
	GLIT4DSL	Skill Based Course Discipline Specific Course C Graphics Lab	2	2	3	40	60	100
Total			30	22				
Semester V								
Part III	GLIT51	Java Programming	5	5	3	25	75	100
	GLIT5EA	Elective – I	5	5	3	25	75	100
	GLIT5EB	Elective – II	5	5	3	25	75	100
	GLIT5L1	Java Programming Lab	5	3	3	40	60	100
	GLIT5L2	Web Technology Lab	5	3	3	40	60	100
Part IV	GLGV51	Value Added Course Career Guidance and Subject Viva	2	2	2	25	75	100
	GLWS51	Value Added Course Women Studies	2	2	2	25	75	100
-	-	Library and Information Science	1	-	-	-	-	-
Total			30	25				
Semester VI								
Part III	GLIT61	Computer Networks	5	5	3	25	75	100
	GLIT62	Android Programming	4	4	3	25	75	100
	GLIT6EC	Elective – III	5	5	3	25	75	100
	GLIT6L	Android Programming Lab	5	4	3	40	60	100
	GLIT6P	Major Project	6	4	3	-	100	100
Part IV	GLSE/ GLJO	Skill Based Courses (Open to all) Self Employment/ Job Oriented courses – Theory	2	2	2	25	75	100
	GLSE/ GLJO	Self-Employment/ Job Oriented courses – Practical	2	2	3	40	60	100
-	-	Library and Information Science	1	-	-	-	-	-
Total			30	26				

**THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN (AUTONOMOUS), SIVAKASI
DEPARTMENT OF INFORMATION TECHNOLOGY
COURSES OFFERED FOR OTHER MAJOR STUDENTS**

Component	Course Code	Course Title	Teaching Hours Per Week	Credits	Duration of Exam. (Hrs.)	Marks Allotted		
						Internal	External	Total
Semester III								
Part IV	GLIT3N	Non Major Elective Course Introduction to IT	2	2	2	25	75	100
Semester IV								
Part IV	GLIT4N	Non Major Elective Course Internet & HTML	2	2	2	25	75	100



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B.Sc. INFORMATION TECHNOLOGY
JUNE 2017 AND LATER**

Semester VI								
Part IV	GLJO65	Skill Based Courses (Open to all) Self Employment Courses / JOC CallCenter Management	2	2	2	25	75	100
	GLJO65L	CallCenter Management Lab	2	2	3	40	60	100

Extra Credit Course (Open to All)

Semester	Course Code	Course Title	Total Contact Hours	Credits	Duration of Exam (Hours)	Marks Allotted		
						Internal	External	Total
-	GLITEC1	WebBuilding	2	2	3	25	75	100
-	GLITEC2	Cloud Computing	2	2	3	25	75	100


Signature of the HOD


Principal
Dr. T. Palaneeswari
PRINCIPAL
The Standard Firework-
Rajaratnam College
for Women,
SIVAKASI.



**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

1.1.2. REVISION OF SYLLABUS

**PERCENTAGE OF SYLLABUS REVISION
2014 AND LATER**



**THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN (AUTONOMOUS),
SIVAKASI – 626 123.**

(Affiliated to Madurai Kamaraj University, Re-accredited with A Grade by NAAC,
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**DEPARTMENT OF INFORMATION TECHNOLOGY
PERCENTAGE OF SYLLABUS REVISION**

B.Sc. INFORMATION TECHNOLOGY

JUNE 2014 AND LATER

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


**DEPARTMENT OF INFORMATION TECHNOLOGY
B.SC INFORMATION TECHNOLOGY – PROGRAMME CODE: 14UIT
(For those who have joined in June 2014 and later)**


S.No.	Components	Number of courses having changes
1.	Part I	4
2.	Part II	4
3.	Part III	11
4.	Part IV	1
Total		20

Total Number of Courses having changes : 20

Total Number of Courses : 28

Percentage of Revision : 71


Signature of the HOD


Principal

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**DEPARTMENT OF INFORMATION TECHNOLOGY
PERCENTAGE OF SYLLABUS REVISION
B.Sc. INFORMATION TECHNOLOGY
JUNE 2014 AND LATER**

**The Standard Fireworks Rajaratnam College for Women, Sivakasi.
DEPARTMENT OF INFORMATION TECHNOLOGY
B.Sc. Information Technology
Allotment of Credits and Hours
(For those joined in June 2014 and later)**

Subject		Semester						Total No. of Credits	
		I	II	III	IV	V	VI		
Language Courses									
Part I - Tamil		6(3)	6(3)	6(3)	6(3)	-	-	24	
Part II - English Language Course		6(3)	6(3)	6(3)	6(3)	-	-		
Part III - Core and Allied Courses									
Major	Theory	Course I	3(3)	4(4)	4(4)	4(4)	4(4)	5(5)	
		Course II	3(3)	-	-	-	5(5)	5(5)	
		Course III	-	-	-	-	5(5)	4(4)	
		Course IV	-	-	-	-	-	5(5)	
	Practical	Lab I	4(2)	5(3)	6(4)	4(3)	6(4)	-	
		Lab II	-	-	-	-	5(4)	-	
Allied	Theory	3(3)	5(5)	3(3)	6(5)	-	-		
	Practical	3(2)	-	3(2)	-	-	-		
Total		13	12	13	12	22	23	95	
Part IV – Non - Major / Value Added Courses									
Peace Education		2(2)	-	-	-	-	-		
Environment Studies		-	2(2)	-	-	-	-		
i) NME - I		-	-	2(2)	-	-	-		
ii) NME- II		-	-	-	2(2)	-	-		
1. Computer Literacy		-	2(2)	-	-	-	-		
2. Soft Skill Enhancement		-	-	-	2(2)	-	-		
3. Career Guidance and Subject Viva		-	-	-	-	2(2)	-		
4. Women Studies		-	-	-	-	2(2)	-		
5. Self Employment / Job Oriented Courses - Theory		-	-	-	-	-	2(2)		
6. Self Employment / Job Oriented Courses - Practical/ Field work/ Project		-	-	-	-	-	2(2)		
Library and Information Science		-	-	-	-	1(*)	1(*)		
Total		2	4	2	4	4	4	20	
Part V – Extension Activities–Physical Education & Social Awareness Programme									
NSS/NCC/Physical Education/Extension Activities/Youth Red Cross/Social Service League/ Red Ribbon Club		1(*)	1(1)	-	-	-	-	1	
Total Credits							140		

Signature of the HOD

T. Palaneeswari
Principal
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**DEPARTMENT OF INFORMATION TECHNOLOGY
PERCENTAGE OF SYLLABUS REVISION
B.Sc. INFORMATION TECHNOLOGY
JUNE 2014 AND LATER**

THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN (AUTONOMOUS), SIVAKASI DEPARTMENT OF INFORMATION TECHNOLOGY B.Sc. INFORMATION TECHNOLOGY PROGRAMME (For those who have joined in 2014 and later) CHOICE BASED CREDIT SYSTEM PROGRAMME CODE – 14UIT PROGRAMME SCHEME								
Component	Course Code	Course Title	Teaching Hours Per Week	Credits	Duration of Exam. (Hrs.)	Marks Allotted		
						Internal	External	Total
Semester I								
Part I	14UGT11/ 14UGH11/ 14UGF11	தற்கால இலக்கியம் / Hindi Language Course – I / French Language Course - I	6	3	3	25	75	100
Part II	14UGE11	Communicative English-I	6	3	3	25	75	100
Part III	14UIT11	Programming in C	3	3	3	25	75	100
	14UIT12	Mathematical Foundations	3	3	3	25	75	100
	14UIT1A	Computer System Architecture	3	3	3	25	75	100
	14UIT1L	Programming in C Lab	4	2	3	40	60	100
Part IV	14UIT1AL	PC Software Lab	3	2	3	40	60	100
	14UPE11	Peace Education	2	2	2	25	75	100
Total			30	21				
Semester II								
Part I	14UGT21/ 14UGH21/ 14UGF21	பக்தி இலக்கியம் / Hindi Language Course -II / French Language Course - II	6	3	3	25	75	100
Part II	14UGE21	Communicative English-II	6	3	3	25	75	100
Part III	14UIT21	Object Oriented Programming with C++	4	4	3	25	75	100
	14UIT2A	Resource Management Techniques	5	5	3	25	75	100
	14UIT2L	Programming in C++ Lab	5	3	3	40	60	100
Part IV	14UES21	Value Added Course Environmental studies	2	2	2	25	75	100
	14UCL21	Value Added Course Computer Installation & Servicing	2	2	2	25	75	100
Part V	-	Extension Activities – Physical Education and Social Awareness Programme		1				100
Total			30	23				
Semester III								
Part I	14UGT31/ 14UGH31/ 14UGF31	காப்பிய இலக்கியம் / Hindi Language Course –III / French Language Course - III	6	3	3	25	75	100
Part II	14UGE31	Communicative English-III	6	3	3	25	75	100
Part III	14UIT31	RDBMS	4	4	3	25	75	100
	14UIT3A	Data Structures	3	3	3	25	75	100
	14UIT3L	RDBMS Lab	6	4	3	40	60	100
	14UIT3AL	Unix & Shell Programming Lab	3	2	3	40	60	100
Part IV	14UNM	Non Major Elective I	2	2	2	25	75	100
Total			30	21				



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**DEPARTMENT OF INFORMATION TECHNOLOGY
PERCENTAGE OF SYLLABUS REVISION
B.Sc. INFORMATION TECHNOLOGY
JUNE 2014 AND LATER**

Semester IV									
Part I	14UGT41/ 14UGH41/ 14UGF41	சங்க இலக்கியம்/ Hindi Language Course -IV/ French Language Course - IV	6	3	3	25	75	100	
	Part II	14UGE41	Communicative English-IV	6	3	3	25	75	100
		14UIT41	Web Designing	4	4	3	25	75	100
Part III	14UIT4A	Operating System	6	5	3	25	75	100	
	14UIT4L	Web Designing Lab	4	3	3	40	60	100	
Part IV	14UNM	Non Major Elective II	2	2	2	25	75	100	
	14USK41	Soft Skill Enhancement	2	2	-	40	60	100	
Total			30	22					
Semester V									
Part III	14UIT51	Java Programming	4	4	3	25	75	100	
	14UIT5EA	Elective – I	5	5	3	25	75	100	
	14UIT5EB	Elective – II	5	5	3	25	75	100	
	14UIT5L1	Java Programming Lab	6	4	3	40	60	100	
	14UIT5L2	Web Technology Lab	5	4	3	40	60	100	
Part IV	14UGV51/ 15UGV51	Value Added Course Career Guidance and Subject Viva	2	2	2	25	75	100	
	14UWS51	Value Added Course Women Studies	2	2	2	25	75	100	
	-	Library and Information Science	1	-	-	-	-	-	
Total			30	26					
Semester VI									
Part III	14UIT61	Multimedia	5	5	3	25	75	100	
	14UIT62	Computer Networks	5	5	3	25	75	100	
	14UIT63	Open Source & Cloud Computing	4	4	3	25	75	100	
	14UIT6EC	Elective – III	5	5	3	25	75	100	
	14UIT6P	Major Project	6	4	3	-	100	100	
Part IV	14USE/ 14UJO	Skill Based Courses (Open to all) Self Employment/ Job Oriented courses – Theory	2	2	2	25	75	100	
	14USE/ 14UJOL	Self Employment/ Job Oriented courses – Practical	2	2	3	40	60	100	
	-	Library and Information Science	1	-	-	-	-	-	
Total			30	27					

**THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN (AUTONOMOUS), SIVAKASI
DEPARTMENT OF INFORMATION TECHNOLOGY
COURSES OFFERED FOR OTHER MAJOR STUDENTS**

Component	Course Code	Course Title	Teaching Hours Per Week	Credits	Duration of Exam. (Hrs.)	Marks Allotted		
						Internal	External	Total
Semester III								
Part IV	14UIT3N	Non Major Elective Course Introduction to IT	2	2	2	25	75	100
Semester IV								
Part IV	14UIT4N	Internet & HTML	2	2	2	25	75	100



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DEPARTMENT OF INFORMATION TECHNOLOGY

PERCENTAGE OF SYLLABUS REVISION


B.Sc. INFORMATION TECHNOLOGY


JUNE 2014 AND LATER

Semester VI								
Part IV	14UJO65	Skill Based Courses (Open to all) Self Employment Courses / JOC Call Center Management	2	2	3	25	75	100
	14UJO65L	Call Center Management Lab	2	2	3	40	60	100

Extra Credit Course (Open to All)

Semester	Course Code	Course Title	Total Contact Hours	Credits	Duration of Exam (Hours)	Marks Allotted		
						Internal	External	Total
-	14UITEC1	Web Building	2	2	3	25	75	100
-	14UITEC2	Software Engineering	2	2	3	25	75	100


Signature of the HOD


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