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

2.6.2. Attainment of PO and CO

ERMS SCREENSHOTS

CO-PO MAPPING IN SYLLABUS (CLOUD)
THEORY COURSE

THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN (AUTONOMOUS

MATHEMATICS DEPARTMENT

M.SC.,- MATHEMATICS-(R) - Version :1.0

SEMESTER II

PART-III - MAJOR COURSE

HLMT23 - TOPOLOGY

Contact hours per week (Lecture + Tutorial) :	6	(6+0)
Total number of hours per semester (Lecture + Tutorial) :	90	(90+0)
Credits :	4	

Course Outcomes (CO) :
On successful completion of the courses. the learners should be able to

Course Outcomes	K-Level	Description	Attainment Level (%)
CO1	K2	explain the basic concepts of topological spaces	50
CO2	K3	identify various types of topological spaces	50
CO3	K3	construct the mathematical arguments that relate to the study of topological spaces.	50
CO4	K4	analyze the properties of continuous function in compact and connected spaces	50
CO5	K4	examine the characteristics and equivalence criterion of various concepts of topological	50

CO - PO Mapping table (Course Articulation Matrix)

COs	POs						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	1	3	-	-	-	-	-
CO2	3	3	-	-	-	-	-
CO3	1	3	-	-	-	-	-
CO4	1	3	3	-	-	-	-
CO5	3	9	-	-	-	-	-
Weightage of the course	9	21	3	0	0	0	0
Weighted Percentage of course contribution to PO's	8.74	14.79	6.12	-	-	-	-

Based on the level of contribution (9-High, 3-Medium, 1-Low)

MARK OF TERM TEST -1

The Standard Fireworks Rajaratnam College for Women

MATHEMATICS DEPARTMENT

TERM TEST - 1 - 2019 EVEN SEMESTER   **Semester : II**

Course Attainment Statement

Course :HLMT23 - TOPOLOGY   Class : I M.Sc.,- MATHEMATICS-(R)

Max marks alloted for each CO			21	22	7			50
Sl.no.	Regno	Name of the Student	CO -1	CO -2	CO -3	CO -4	CO -5	Total 25
1	19PM001	AARTHI B	18	21	7	-	-	23.0
2	19PM002	AFRIN K	20	15	7	-	-	21.0
3	19PM003	ALAGESWARI B	17	16	A	-	-	16.5
4	19PM004	AYISHA RAKSHANA S	19.5	14	6	-	-	19.8
5	19PM005	BHARATHY B	19	14	7	-	-	20.0
6	19PM006	BHAVANI G	21	13	7	-	-	20.5
7	19PM007	BHUVANESWARI T	21	21	7	-	-	24.5
8	19PM008	DEEPALAKSHMI K	12.5	20	5	-	-	18.8
9	19PM009	HARITHA R	15.5	12.5	7	-	-	17.5

MARK OF TERM TEST –II

The Standard Fireworks Rajaratnam College for Women

MATHEMATICS DEPARTMENT

TERM TEST - 2 - 2019 EVEN SEMESTER   **Semester : II**

Course Attainment Statement

Course :HLMT23 - TOPOLOGY   Class : I M.Sc.,- MATHEMATICS-(R)

Max marks alloted for each CO			25	18			7	50
Sl.no.	Regno	Name of the Student	CO -1	CO -2	CO -3	CO -4	CO -5	Total 25
1	19PM001	AARTHI B	19	14.5	-	-	7	20.3
2	19PM002	AFRIN K	19	8	-	-	7	17.0
3	19PM003	ALAGESWARI B	21	7	-	-	7	17.5
4	19PM004	AYISHA RAKSHANA S	19	12	-	-	7	19.0
5	19PM005	BHARATHY B	19	4	-	-	7	15.0
6	19PM006	BHAVANI G	19	9	-	-	7	17.5
7	19PM007	BHUVANESWARI T	18	4.5	-	-	7	14.8
8	19PM008	DEEPALAKSHMI K	9.5	8	-	-	7	12.3
9	19PM009	HARITHA R	19	4	-	-	7	15.0

MARK OF TERM TEST –III

The Standard Fireworks Rajaratnam College for Women
MATHEMATICS DEPARTMENT
TERM TEST - 3 - 2019 EVEN SEMESTER   Semester : II
Course Attainment Statement

Course :HLMT23 - TOPOLOGY   **Class : I M.Sc.,- MATHEMATICS-(R)**

Max marks alloted for each CO			2	3		20	25	50
Sl.no.	Regno	Name of the Student	CO -1	CO -2	CO -3	CO -4	CO -5	Total 25
1	19PM001	AARTHI B	2	3	-	17	23	22.5
2	19PM002	AFRIN K	2	3	-	17	23	22.5
3	19PM003	ALAGESWARI B	2	3	-	17	23	22.5
4	19PM004	AYISHA RAKSHANA S	2	3	-	17	23	22.5
5	19PM005	BHARATHY B	2	2	-	17	23	22.0
6	19PM006	BHAVANI G	2	3	-	17	23	22.5
7	19PM007	BHUVANESWARI T	2	3	-	17	23	22.5
8	19PM008	DEEPALAKSHMI K	2	3	-	17	23	22.5
9	19PM009	HARITHA R	2	3	-	17	23	22.5

MARK OF SEMINAR

The Standard Fireworks Rajaratnam College for Women
MATHEMATICS DEPARTMENT
ASSIGNMENT1 - 2019 EVEN SEMESTER   Semester : II
Course Attainment Statement

Course :HLMT23 - TOPOLOGY   **Class : I M.Sc.,- MATHEMATICS-(R)**

Max marks alloted for each CO					10		10	20
Sl.no.	Regno	Name of the Student	CO -1	CO -2	CO -3	CO -4	CO -5	Total 3
1	19PM001	AARTHI B	-	-	10	-	10	3.0
2	19PM002	AFRIN K	-	-	10	-	10	3.0
3	19PM003	ALAGESWARI B	-	-	10	-	10	3.0
4	19PM004	AYISHA RAKSHANA S	-	-	10	-	10	3.0
5	19PM005	BHARATHY B	-	-	10	-	10	3.0
6	19PM006	BHAVANI G	-	-	10	-	10	3.0
7	19PM007	BHUVANESWARI T	-	-	10	-	10	3.0
8	19PM008	DEEPALAKSHMI K	-	-	10	-	10	3.0
9	19PM009	HARITHA R	-	-	10	-	10	3.0

MARK OF ASSIGNMENT

The Standard Fireworks Rajaratnam College for Women

MATHEMATICS DEPARTMENT

ASSIGNMENT1 - 2019 EVEN SEMESTER   Semester : II

Course Attainment Statement

Course :HLMT23 - TOPOLOGY   Class : I M.Sc.,- MATHEMATICS-(R)

Sl.no.	Regno	Name of the Student	CO -1	CO -2	CO -3	CO -4	CO -5	Total 3
		Max marks alloted for each CO			10		10	20
1	19PM001	AARTHI B	-	-	10	-	10	3.0
2	19PM002	AFRIN K	-	-	10	-	10	3.0
3	19PM003	ALAGESWARI B	-	-	10	-	10	3.0
4	19PM004	AYISHA RAKSHANA S	-	-	10	-	10	3.0
5	19PM005	BHARATHY B	-	-	10	-	10	3.0
6	19PM006	BHAVANI G	-	-	10	-	10	3.0
7	19PM007	BHUVANESWARI T	-	-	10	-	10	3.0
8	19PM008	DEEPALAKSHMI K	-	-	10	-	10	3.0
9	19PM009	HARITHA R	-	-	10	-	10	3.0

COURSE EXIT SURVEY

The Standard Fireworks Rajaratnam College for Women

FINAL INDIRECT COURSE ATTAINMENT SHEET

MATHEMATICS DEPARTMENT

2020 ODD SEMESTER   Class : II M.Sc.,- MATHEMATICS-(R)

Course :HLMT34 - ADVANCED TOPOLOGY   Semester : III

Indirect Course Attainment Statement

CO	Questions	Strongly Agree	Agree	Partially Agree	Disagree	Average	% of Indirect Attainment
CO1	This course has enable me to outline the fundamental concepts of topological spaces.	23	15	2	0	3.53	88.25
CO2	I can identify the properties of topological spaces.	17	20	2	1	3.33	83.25
CO3	I can construct the mathematical arguments that relate to the study of topological spaces.	7	27	6	0	3.03	75.75
CO4	My ability to analyze the behavior of topological spaces has improved	11	25	4	0	3.18	79.50
CO5	I am capable of examining the characteristics and equivalence criterion of various concepts of topological spaces.	12	22	5	1	3.13	78.25

COURSE ATTAINMENT STATEMENT

The Standard Fireworks Rajaratnam College for Women

MATHEMATICS DEPARTMENT

2019 EVEN SEMESTER   Semester : II

Course : HLMT23 - TOPOLOGY   Class : I M.Sc.,- MATHEMATICS-(R)

Course Attainment Statement

	TERMTEST-1	TERMTEST-2	TERMTEST-3	ASSIGNMENT-1	SEMINAR-1	Int.Avg	Final Indirect
CO1	89.74	95.00	100.00	-	100.00	96.19	10.00
CO2	97.44	45.00	97.56	-	100.00	85.00	10.00
CO3	97.44	-	-	100.00	100.00	74.36	10.00
CO4	-	-	100.00	-	-	100.00	-
CO5	-	100.00	97.56	100.00	-	99.19	-

Final Direct Course Attainment Calculation			Final Indirect Course Attainment Calculation	
	Int.Avg	End.Sem		
Attainment	90.95	0.00		
Weigtage	60	40		
Direct Total Attainment	55	0		
Final Direct Course Attainment	55		Final Indirect Course Attainment	6
Weigtage	80		20	
Total Attainment	43.7		1.2	
Course Attainment	44.9			

PRACTICAL COURSE

CO-PO MAPPING IN SYLLABUS

THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN (AUTONOMOUS

MATHEMATICS DEPARTMENT

B.SC.,- MATHEMATICS-(R) - Version :1.0

SEMESTER III

PART-III - ALLIED

GLMT3AL - PROGRAMMING IN C LAB

Contact hours per week   (Lecture + Tutorial) :   2   (2+0)

Total number of hours per semester (Lecture + Tutorial) :   30   (30+0)

Credits :   1

Course Outcomes (CO) :

On successful completion of the courses. the learners should be able to

Course Outcomes	K-Level	Description	Attainment Level (%)
CO1	K2	choose conditional control making statements to solve the problems.	50
CO2	K3	develop programming skills.	50
CO3	K4	analyze the concepts of functions and structures.	50
CO4	K5	deduct and rectify errors in programs.	50
CO5	K6	design programs for real life situation.	50

CO - PO Mapping table (Course Articulation Matrix)

COs	POs						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	1	3	-	-	-	-	-
CO2	1	3	-	-	-	-	1
CO3	1	3	-	-	-	-	-
CO4	3	3	3	-	-	-	-
CO5	3	9	-	1	-	-	-
Weightage of the course	9	21	3	1	0	0	1
Weighted Percentage of course contribution to PO's	1.28	2.51	1.53	0.36	-	-	0.80

Based on the level of contribution (9-High, 3-Medium, 1-Low)

MODEL MARK

The Standard Fireworks Rajaratnam College for Women

MATHEMATICS DEPARTMENT

MODEL PRACTICALS1 - 2020 ODD SEMESTER Semester : III

Course Attainment Statement

Course :GLMT3AL - PROGRAMMING IN C LAB   Class : II B.Sc.,- MATHEMATICS-(R)

Type of Evaluation			Model1	Model2	Model3	Model4	Model5	Total
Max marks alloted for each CO			6	6	6	6	6	30
Sl.no.	Regno	Name of the Student	CO -1	CO -2	CO -3	CO -4	CO -5	Total 30
1	19UM001	ARUNA DEVI A	6	6	6	6	6	30
2	19UM002	ARUNADEVI M	6	6	6	6	6	30
3	19UM003	ARUNALAKSHMI N	6	6	6	6	6	30
4	19UM004	BANUMATHI S	6	6	6	6	6	30
5	19UM005	BHUVANESHWARI R	6	6	6	6	6	30
6	19UM006	CHAIRMASUJI M	6	6	6	6	6	30
7	19UM007	CHITRAMAREESWARI M	6	6	6	6	6	30
8	19UM008	DEEPANAGALAKSHMI R	6	6	6	6	6	30
9	19UM009	DEVASENADEVI K	6	6	6	6	6	30
10	19UM010	DIVYA T	6	6	6	6	6	30
11	19UM011	DIVYADHARSINI B	6	6	6	6	6	30
12	19UM012	GAAYATHRI M	6	6	6	6	6	30
13	19UM013	GAYATHRI M	6	6	6	6	6	30
14	19UM014	GAYATHRI S	6	6	6	6	6	30

COURSE EXIT SURVEY

The Standard Fireworks Rajaratnam College for Women

FINAL INDIRECT COURSE ATTAINMENT SHEET

MATHEMATICS DEPARTMENT

2020 ODD SEMESTER   Class : II B.Sc.,- MATHEMATICS-(R)

Course :GLMT3AL - PROGRAMMING IN C LAB   Semester : III

Indirect Course Attainment Statement

CO	Questions	Strongly Agree	Agree	Partially Agree	Disagree	Average	% of Indirect Attainment
CO1	I am confident that I can choose conditional, control making statements to solve the problems.	34	29	4	0	3.45	86.25
CO2	My ability to develop programming skills has improved.	36	28	3	0	3.49	87.25
CO3	I am able to analyze the concepts of functions and structures.	28	38	1	0	3.40	85.00
CO4	This course has improved my ability to deduct and rectify errors in programs.	25	40	2	0	3.34	83.50
CO5	I can design programs for real life situation efficiently.	20	43	4	0	3.24	81.00

COURSE ATTAINMENT STATEMENT

The Standard Fireworks Rajaratnam College for Women
MATHEMATICS DEPARTMENT

2020 ODD SEMESTER Semester : III

Course : GLMT3AL - PROGRAMMING IN C LAB II B.Sc.,- MATHEMATICS-(R)

Course Attainment Statement

	MODEL-1	Int.Avg	Final Indirect
CO1	75.00	75.00	86.25
CO2	75.00	75.00	87.25
CO3	75.00	75.00	85.00
CO4	75.00	75.00	83.50
CO5	75.00	75.00	81.00

Final Direct Course Attainment Calculation		Final Indirect Course Attainment Calculation	
	Int.Avg		
Attainment	75.00		
Direct Lab Attainment		Final Indirect Course Attainment	85
Weigtage	80	20	
Total Attainment	60.0	16.9	
Course Attainment	76.9		

COURSE ATTANMENT CALCULATION PROCESS
CO-PO MAPPING IN SYLLABUS

THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN, SIVAKASI.
DEPARTMENT OF MATHEMATICS
M. Sc. MATHEMATICS
SEMESTER III
CORE COURSE
HLMT34 – ADVANCED TOPOLOGY
(For those admitted in June 2017 and later)

Contact hours per week : 06
Total number of hours per semester : 90
No. of Credits : 04

Course Outcomes (CO):

On successful completion of the course, the learners should be able to

CO1: outline the fundamental concepts of topological spaces.

CO2: identify the properties of topological spaces.

CO3: construct the mathematical arguments that relate to the study of topological spaces.

CO4: analyze the behavior of topological spaces.

CO5: examine the characteristics and equivalence criterions of various concepts of topological spaces.

CO-PO Mapping table (Course Articulation Matrix)

POs / COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	3	3	-	-	-	-	-
CO2	3	3	9	-	-	-	-
CO3	-	3	-	-	-	-	-
CO4	3	9	-	-	-	-	-
CO5	3	3	-	-	-	-	3
Weight age of the course	12	21	9	-	-	-	3
Weighted percentage of Course contribution to Pos	4.08	4.23	5.59	-	-	-	8.33

THEORY-CO-PO MAPPING TABLE IN EXCEL SHEET

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

DEPARTMENT OF	**MATHEMATICS**
Course Code &Title: Course Code – HLMT34-ADVANCED TOPOLOGY	**Semester : III**
Course Attainment Statement	**Class : II M.Sc MATHS**

Course Outcomes:

On successful completion of the course, the learners should be able to

CO1: outline the fundamental concepts of topological spaces.

CO2: identify the properties of topological spaces.

CO3:construct the mathematical arguments that relate to the study of topological spaces.

CO4: analyze the behavior of topological spaces.

CO5: examine the characteristics and equivalence criterions of various concepts of topological spaces.

CO-PO Mapping table (Course Articulation Matrix)

POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	3	3	-	-	-	-	-
CO2	3	3	9	-	-	-	-
CO3	-	3	-	-	-	-	-
CO4	3	9	-	-	-	-	-
CO5	3	3	-	-	-	-	3
Weightage of the Course(w)	12	21	9	-	-	-	3
Weighted percentage of Course contribution to POs	4.46	4.37	6.04	-	-	-	10
Calculated Weighted percentage of Course contribution to POs	3.92	3.85	5.32	#VALUE!	#VALUE!	#VALUE!	8.8

MARKS OF TERM TEST –I

		THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN(Autonomous), SIVAKASI.						
		DEPARTMENT OF MATHEMATICS						
		Term Test-I -ODD SEMESTER 2019-2020		Semester :		III		
Course Code &Title:		Course Code – HLMT34-Advanced topology		Class :		II M.ScMaths		
		Course Attainment Statement						
		Max marks allotted for each CO	11	20	19			50
Sl. No.	Reg .No	Name of Student	CO-1	CO-2	CO-3	CO-4	CO-5	TEST 1 Total 50
1	18PM001	ANUSHA J	-2	-2	-2			A
2	18PM002	ATHILAKSHMI G	9	3	15			27
3	18PM003	BALAKARTHIKA M	11	19	15.5			45.5
4	18PM004	BHAGAVATHIMUTHU A	9	8.5	19			36.5
5	18PM005	BIRUNDHA K	6	3	15			24
6	18PM006	DHARINI S	11	19	19			49
7	18PM007	DHIVYA S	11	17	17.5			45.5
8	18PM008	DIVYA S	2	19	19			40
9	18PM009	GOWRI M	11	16.5	19			46.5
10	18PM010	GOWSALYA S	9	15.5	19			43.5
11	18PM011	GOWSHIYADEVI M	3	9.5	15			27.5
12	18PM012	KALA M	3	19	15.5			37.5
13	18PM013	KARTHIGA KALEESWARI R M K	11	20	17			48

MARKS OF TERM TEST –II

		THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN(Autonomous), SIVAKASI.						
		DEPARTMENT OF MATHEMATICS						
		Term Test-II -ODD SEMESTER 2019-2020		Semester :		III		
Course Code &Title:		Course Code –HLMT34-ADVANCED TOPOLOGY		Class :		II M.Sc MATHS		
		Course Attainment Statement						
		Max marks allotted for each CO		10	8	20	12	50
Sl. No.	Reg .No	Name of Student	CO-1	CO-2	CO-3	CO-4	CO-5	TEST 2 Total 50
1	18PM001	ANUSHA J		-2	-2	-2	-2	A
2	18PM002	ATHILAKSHMI G		6	1	14	4	25
3	18PM003	BALAKARTHIKA M		-2	-2	-2	-2	A
4	18PM004	BHAGAVATHIMUTHU A		-2	-2	-2	-2	A
5	18PM005	BIRUNDHA K		1	5	13	12	31
6	18PM006	DHARINI S		10	1	20	10	41
7	18PM007	DHIVYA S		10	8	19	11	48
8	18PM008	DIVYA S		3	8	20	11	42
9	18PM009	GOWRI M		7.5	8	20	12	47.5
10	18PM010	GOWSALYA S		3	0	5	2	10
11	18PM011	GOWSHIYADEVI M		9	2	13	12	36
12	18PM012	KALA M		2.5	0	13	12	27.5
13	18PM013	KARTHIGA KALEESWARI R M K		10	0	20	12	42

MARKS OF TERM TEST –III

		THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN(Autonomous), SIVAKASI.						
		DEPARTMENT OF MATHEMATICS						
		Term Test-III -ODD SEMESTER 2019-2020		Semester :	III			
Course Code &Title:		Course Code – ADVANCED TOPOLOGY		Class :	II M.Sc MATHS			
		Course Attainment Statement						
		Max marks allotted for each CO	3		8	19	20	50
Sl. No.	Reg .No	Name of Student	CO-1	CO-2	CO-3	CO-4	CO-5	TEST 3 Total 50
1	18PM001	ANUSHA J	-2		-2	-2	-2	A
2	18PM002	ATHILAKSHMI G	2		1	15	14	32
3	18PM003	BALAKARTHIKA M	2		8	19	20	49
4	18PM004	BHAGAVATHIMUTHU A	3		8	17	15.5	43.5
5	18PM005	BIRUNDHA K	3		8	19	19	49
6	18PM006	DHARINI S	-2		-2	-2	-2	A
7	18PM007	DHIVYA S	3		8	18	19	48
8	18PM008	DIVYA S	3		8	16	19.5	46.5
9	18PM009	GOWRI M	2		8	19	19.5	48.5
10	18PM010	GOWSALYA S	2		8	19	19	48
11	18PM011	GOWSHIYADEVI M	3		8	19	20	50
12	18PM012	KALA M	3		8	19	19.5	49.5
13	18PM013	KARTHIGA KALEESWARI R M K	3		8	19	19	49

MARKS OF SEMINAR

		THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN(Autonomous), SIVAKASI.						
		DEPARTMENT OF MATHEMATICS						
		Seminar -ODD SEMESTER 2019-2020		Semester :	III			
Course Code &Title:		Course Code-HLMT34-Advanced topology		Class :	II M.Sc MATHS			
		Course Attainment Statement						
		Max marks allotted for each CO	10	10	10			30
Sl. No.	Reg .No	Name of Student	CO-1	CO-2	CO-3	CO-4	CO-5	Seminar Total 2
1	18PM001	ANUSHA J	10	10	10			2
2	18PM002	ATHILAKSHMI G	10	10	10			2
3	18PM003	BALAKARTHIKA M	10	10	10			2
4	18PM004	BHAGAVATHIMUTHU A	10	10	10			2
5	18PM005	BIRUNDHA K	10	10	10			2
6	18PM006	DHARINI S	10	10	10			2
7	18PM007	DHIVYA S	10	10	10			2
8	18PM008	DIVYA S	10	10	10			2
9	18PM009	GOWRI M	10	10	10			2
10	18PM010	GOWSALYA S	5	5	5			1
11	18PM011	GOWSHIYADEVI M	10	10	10			2
12	18PM012	KALA M	10	10	10			2
13	18PM013	KARTHIGA KALEESWARI R M K	10	10	10			2

MARKS OF ASSIGNMENT

			Max marks allotted for each CO	10	10	10			30
				CO-1	CO-2	CO-3	CO-4	CO-5	Assignment Total 3
Sl. No.	Reg .No	Name of Student							
1	18PM001	ANUSHA J		10	10	10			3
2	18PM002	ATHILAKSHMI G		10	10	10			3
3	18PM003	BALAKARTHIKA M		10	10	10			3
4	18PM004	BHAGAVATHIMUTHU A		10	10	10			3
5	18PM005	BIRUNDHA K		10	10	10			3
6	18PM006	DHARINI S		10	10	10			3
7	18PM007	DHIVYA S		10	10	10			3
8	18PM008	DIVYA S		10	10	10			3
9	18PM009	GOWRI M		10	10	10			3
10	18PM010	GOWSALYA S		10	10	10			3
11	18PM011	GOWSHIYADEVI M		10	10	10			3
12	18PM012	KALA M		10	10	10			3
13	18PM013	KARTHIGA KALEESWARI R M K		10	10	10			3

THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN(Autonomous), SIVAKASI.
DEPARTMENT OF MATHEMATICS
Assignment -ODD SEMESTER 2019-2020 — Semester : III
Course Code &Title: Course Code – HLMT34-Advanced topology — Class : II M.SC MATHS
Course Attainment Statement

COURSE EXIT SURVEY

THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN(Autonomous),SIVAKASI.
FINAL INDIRECT COURSE ATTAINMENT SHEET
ODD SEMESTER 2019-2020

Department:	MATHEMATICS	Class	II M.Sc MATHS
Course Code:	HLMT34		
Course Title:	ADVANCED TOPOLOGY	Semester	III

Indirect Course Attainment Statement

CO	Questions	Strongly Agree	Agree	Paritally Agree	Disagree	Average	% of Indirect Attainment
CO1	This course has enabled me to outline the fundamental concepts of topological spaces.	15	26	0	0	3.37	84.15
CO2	My ability to identify the properties of topological spaces has improved.	10	25	6	0	3.10	77.44
CO3	I can construct the mathematical arguments that relate to the study of topological spaces.	5	22	14	0	2.78	69.51
CO4	I am able to analyze the behavior of topological spaces.	6	29	6	0	3.00	75.00
CO5	I feel that I can examine the characteristics and equivalence criterions of various concepts of topological spaces.	9	22	10	0	2.98	74.39

COURSE ATTAINMENT STATEMENT

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

DEPARTMENT OF MATHEMATICS

ODD-EVEN SEMESTER 2019-2020	Semester :	III
Course Code &Title: HLMT34-ADVANCD TOPOLOGY	Class :	II M.Sc

Course Attainment Statement

CO	Final Direct Course Attainment Calculation							Final Indirect Course Attainment Calculation	
	Term Test 1	Term Test 2	Term Test 3	Assignment	Quiz	Int. Avg	End Sem.		
CO1	68	0	95	100	100	90.75	87.7	CO1	84.15
CO2	71	67	0	100	100	84.5	92.8	CO2	77.44
CO3	98	46	97	100	100	88.2	88.4	CO3	69.51
CO4	0	87	100	0	0	93.5	92.6	CO4	75.00
CO5	0	87	100	0	0	93.5	96.4	CO5	74.39
Attainment						89.93	91.58		
Weightage						60	40	Final Indirect Course Attainment	
Direct Total Attainment						54	37		
Final Direct Course Attainment						91			76
Weightage						80		20	
Total Attainment						72.8		15.2	
Course Attainment						88			

PRACTICAL COURSE

CO-PO MAPPING IN SYLLABUS

THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN, SIVAKASI.
DEPARTMENT OF MATHEMATICS
B. Sc. MATHEMATICS
SEMESTER III
ALLIED COURSE
GLMT3AL– PROGRAMMING IN C LAB
(For those admitted in June 2017 and later)

Contact hours per week   : 02
Total number of hours per semester : 30
No. of credits   : 01

Course Outcomes (CO):
On successful completion of the course, the learners should be able to
CO1: choose conditional control making statements to solve the problems.
CO2: develop programming skills.
CO3: analyze the concepts of functions and structures.
CO4: deduct and rectify errors in programs.
CO5: design programs for real life situation.

CO-PO Mapping table (Course Articulation Matrix)

POs \ COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	1	3	-	-	-	-	-
CO2	1	3	-	-	-	-	1
CO3	1	3	-	-	-	-	-
CO4	3	3	3	-	-	-	-
CO5	3	9	-	1	-	-	-
Weight age of the course	9	21	3	1	-	-	1
Weighted percentage of Course contribution to POs	1.28	2.51	1.53	0.36	-	-	0.8

CO-PO MAPPING IN EXCEL

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

DEPARTMENT OF MATHEMATICS

Course Code &Title: GLMC3AL-PROGRAMMING IN C LAB Semester : III

Course Attainment Statement Class : II B.Sc MATHS(CA)

Course Outcomes:

On successful completion of the course, the learners should be able to

CO1: choose conditional control making statements to solve the problems.

CO2: develop programming skills.

CO3:analyze the concepts of functions and structures.

CO4: deduct and rectify errors in programs.

CO5: design programs for real life situation.

CO-PO Mapping table (Course Articulation Matrix)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	1	3	-	-	-	-	-
CO2	1	3	-	-	-	-	1
CO3	1	3	-	-	-	-	-
CO4	3	3	3	-	-	-	-
CO5	3	9	-	1	-	-	-
Weightage of the Course(w)	9	21	3	1	-	-	1
Weighted percentage of Course contribution to POs	1.53	2.69	1.57	0.41	-	-	0.88
Calculated Weighted percentage of Course contribution to POs	0.23	0.4	0.24	0.06	#VALUE!	#VALUE!	0.13

MODEL MARK

THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN(Autonomous), SIVAKASI.								
DEPARTMENT OF		name of dept		Semester :	III			
Practical Examinations -ODD SEMESTER 2019-2020								
Course Code &Title: GLMC3AL-PROGRAMMING IN C LAB				Class :	II B.Sc MATHS (CA)			
Course Attainment Statement								

			CO-1	CO-2	CO-3	CO-4	CO-5	Total
Type of Evaluation								30
Max marks allotted for each CO			6	6	6	6	6	
Sl. No.	Reg .No	Name of Student	CO-1	CO-2	CO-3	CO-4	CO-5	Practicals Total 30
1	18UJO01	ABARNA S	5	5	6	6	6	28
2	18UJO02	ARCHANA K	6	5	6	6	6	29
3	18UJO03	CHANDRA JOTHI S	6	6	6	6	6	30
4	18UJO04	CYNTHIYA K	5	6	6	6	6	29
5	18UJO05	GENGADEVI M	5	5	6	6	6	28
6	18UJO06	GINIYA B	6	6	6	6	6	30
7	18UJO07	GOKULA PRIYA K	5	6	6	6	6	29
8	18UJO09	JANANI LAKSHMI M	6	5	6	6	6	29
9	18UJO10	JAYALAKSHMI G	5	6	6	6	6	29
10	18UJO11	KALEESWARI R	5	6	6	6	6	29
11	18UJO12	KARTHIKA B	6	6	5	6	6	29
12	18UJO13	KARTHIKA DEVI K	6	6	6	6	6	30
13	18UJO14	KAVIYA K	6	5	6	6	6	29
14	18UJO15	KAVIYA KIRUTHIKA K	6	5	6	6	6	29
15	18UJO16	KAVYA B	5	5	5	6	6	27
16	18UJO17	LAVANYA J	6	5	5	6	6	28

COURSE EXIT SURVEY

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

FINAL INDIRECT COURSE ATTAINMENT SHEET

ODD SEMESTER 2019-2020

Department: **MATHEMATICS**

Class II B.Sc MATHS(CA)

Course Code: GLMC3AL

Course Title: PROGRAMMING IN C LAB

Semester III

Indirect Course Attainment Statement

CO	Questions	Strongly Agree	Agree	Paritally Agree	Disagree	Average	% of Indirect Attainment
CO1	I am confident that I can choose conditional, control making statements to solve the problems.	9	25	20	1	2.76	69.09
CO2	My ability to develop programming skills has improved.	20	33	2	0	3.33	83.18
CO3	I am able to analyze the concepts of functions and structures	8	39	18	0	2.85	71.15
CO4	This course has improved my ability to deduct and rectify errors in programs.	18	31	6	0	3.22	80.45
CO5	I can design programs for real life situation efficiently.	10	22	23	0	2.76	69.09

COURSE ATTAINMENT STATEMENT

THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN(Autonomous), SIVAKASI						
DEPARTMENT OF MATHEMATICS						
Practical Examinations -ODD SEMESTER 2019-2020				Semester :	III	
Course Code &Title: GLMC3AL-PROGRAMMING I				Class :	II B.SC MATHS CA	

Final Direct Course Attainment Calculation			Final Indirect Course Attainment Calculation		
CO	**Model**	**Int. Avg**			
CO1	100	100	CO1	69.09	
CO2	100	100	CO2	83.18	
CO3	100	100	CO3	71.15	
CO4	100	100	CO4	80.45	
CO5	100	100	CO5	69.09	
			Final Indirect Course Attainment	75	
Direct Lab Attainment	100				
Weightage	80		20		
Total Attainment	0		15		
Course Attainment	15				