



**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)**

**1.3. CURRICULUM ENRICHMENT**

**1.3.4. FIELD PROJECTS / INTERNSHIPS /  
STUDENT PROJECTS**

**STUDENT PROJECTS**  
**B.Sc. Physics**



**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 PHYSICS**

**B.Sc. Physics**

**STUDENT PROJECTS**

**2019-2020**

**THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN  
(AUTONOMOUS), SIVAKASI**  
(Affiliated to Madurai Kamaraj University, Re-accredited with 'A' GRADE by NAAC,  
College with Potential for Excellence by UGC & Mentor Institution under UGC PARAMARSH)

**DEPARTMENT OF PHYSICS**

**B.Sc PHYSICS - Project Details (2019 – 2020)**

No.	Name of the Guide	Reg. No and Name of the Students	Project Title
1.	Dr. S. Sivadevi	17UP032 - S.P.PRIYA DHARSHNI 17UP035 - S.RENUKA 17UP044 - L.VIDHYA	ARITHMETIC AND LOGIC OPERATIONS USING MICRO-PROCESSOR (8085)
		17UP004 - J.DIVYAVALLI 17UP021 - I. MOFIYA PRINCY 17UP042 - P. SURYAKALA	ANALYSIS OF PEM REVERSIBLE FUEL CELL
2.	Dr. S. Jayanthi	17UP022 - R. MONIKA 17UP034 - S. RAMALAKSHMI 17UP008 - R. JEEVA LATHA	XRD CHARACTERIZATION OF I-CARRAGEENAN - NH <sub>4</sub> PF <sub>6</sub> ELECTROLYTE
		17UP030 - G.PANDI PRIYA 17UP016 - K.KODEESWARI 17UP023 - A.MUTHUMARI 17UP026 - J. NANDHINI	DETERMINATION OF TRANSPORT NUMBER OF POLYMER ELECTROLYTE
3.	Mrs. M. Nithya	17UP045 - G. VINDHIYA 17UP043 - R. THANGESHWARI 17UP014 - M. KARTHIGA	THE ABSORBANCE AND TRANSMITTANCE CHARACTER ANALYSIS OF POLYMER ELECTROLYTES
		17UP007 - V. JEEVAASHA 17UP024 - M. MUTHUMARI 17UP025 - V. NAGAJOTHI 17UP029 - J. NITHYA	IDENTIFICATION OF AMORPHOUS NATURE OF POLYMER ELECTROLYTE USING XRD
4.	Dr. S. Selvalakshmi	17UP005-P.GOKILA 17UP006-S.INDHUJA 17UP019-R.MHALAKSHMI	MINI TESLA COIL
		17UP017-R.KRISHNAVENI 17UP011-G.KANAGALAKSHMI 17UP033-R.RAJESWARI 17UP040-V.SHANMUGA PRIYA	MEDIATOR-LESS MICROBIAL FUEL CELL
5.	Dr. B. Sivasankari	17UP047-V.YOGESHWARI, 17UP046-N.S.VISHNUPRIYA, 17UP020-S.MAZHARRIYAFFRIN	STUDIES ON SOME KNOWN BIOPLASTICS
		17UP027-NANDHINI S 17UP036-ROHINI M 17UP039-SELVASUBA S 17UP041-SUGIRTHA D	ENERGY AUDIT IN THE COLLEGE CAMPUS
6.	Dr. M. Vigneswari	17UP002-S. DEVI SHREE,	BAND GAP

*E. Ponnalar*  
Mrs. E.PONNALAR  
Controller of Examinations &  
Associate Professor of Computer Science  
The Standard Fireworks Rajaratnam  
College for Women, (Autonomous)  
SIVAKASI - 626 123.





**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 PHYSICS**

**B.Sc. Physics**

**STUDENT PROJECTS**

**2019-2020**

	17UP012-G.KANIMOZHI, 17UP031-M.PANDIYAMMAL	DETERMINATION OF BIOPOLYMER BLENDED WITH TRANSITION METAL AND ALKALINE METAL
	17UP009-R.JEYA PRIYA 17UP015-J.KEERTHIKA 17UP018-K. LOKESWARI 17UP038-K. SATHYA	EFFECT OF COATING MIXTURE OF TRANSITION METAL AND RARE EARTH ALKALINE ELEMENT ON PV CELL

  
Head of the Department

  
Mrs. E.PONMALAR  
Controller of Examinations &  
Associate Professor of Computer Science  
The Standard Fireworks Rajaratnam  
College for Women, (Autonomous)  
SIVAKASI - 626 123.





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 PHYSICS

B.Sc. Physics

STUDENT PROJECTS

2019-2020

THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN (AUTONOMOUS), SIVAKASI.  
(Affiliated to Madurai Kamaraj University, Re-accredited with "A" Grade by NAAC,  
College with Potential for Excellence by UGC & Mentor Institution under UGC PARAMARSH)

UG END SEMESTER EXAMINATIONS, APRIL 2020.

Project Evaluation Sheet

CLASS : III B.Sc Physics

Course Code & Title : GLPH6P & PROJECT

S.No.	Register Number	PROJECT (50 Marks)	Viva Voce (50 Marks)		Total (100 Marks)	e – Signature of Guide / Internal Examiner
			Presentation (20 Marks)	Matter (30 Marks)		
1.	17UP002	48	19	29	96 /	Vignesh 12/9/2020
2.	17UP004	45	19	30	94 /	S. Jayanth 12/9/2020
3.	17UP005	48	18	25	91 /	Bathini 12/9/2020
4.	17UP006	45	18	28	91 /	Bathini 12/9/2020
5.	17UP007	43	17	26	86 /	A. J. J. 12/9/20
6.	17UP008	45	19	29	93 /	S. Jayanth 12.09.2020
7.	17UP009	49	19	29	97 /	Vignesh 12/9/2020
8.	17UP011	45	18	29	92 /	Bathini 12/9/2020
9.	17UP012	40	19	29	88 /	Vignesh 12/9/2020





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 PHYSICS

### B.Sc. Physics

### STUDENT PROJECTS

2019-2020

10.	17UP014	43	16	26	85 /	<i>A.H.G.</i> 12/19/20
11.	17UP015	45	18	28	91 /	<i>Vignesh</i> 12/19/2020
12.	17UP016	45	18	27	90 /	<i>S. Jayanthi</i> 12.09.2020
13.	17UP017	48	19	29	96 /	<i>Bathini</i> 12/19/2020
14.	17UP018	45	17	27	89 /	<i>Vignesh</i> 12/19/2020
15.	17UP019	43	17	26	86 /	<i>Bathini</i> 12/19/2020
16.	17UP020	49	18	27	94 /	<i>J. Sree</i> 12/19/2020
17.	17UP021	42	18	29	89 /	<i>S. Jayanthi</i> 12/19/2020
18.	17UP022	49	18	28	95 /	<i>S. Jayanthi</i> 12.09.2020
19.	17UP023	40	17	26	83 /	<i>S. Jayanthi</i> 12.09.2020
20.	17UP024	43	18	26	87 /	<i>A.H.G.</i> 12/19/20
21.	17UP025	49	18	28	95 /	<i>A.H.G.</i> 12/19/20
22.	17UP026	40	17	25	82 /	<i>S. Jayanthi</i> 12.09.2020
23.	17UP027	40	17	28	85 /	<i>J. Sree</i> 12/19/2020
24.	17UP029	43	17	25	85 /	<i>A.H.G.</i> 12/19/20
25.	17UP030	40	17	28	85 /	<i>S. Jayanthi</i> 12.09.2020





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 PHYSICS

**B.Sc. Physics**

STUDENT PROJECTS

2019-2020

26	17UP031	43	17	27	87 ✓	Vignesh 12/9/2020
27	17UP032	45	20	29	94 ✓	S. Jayanthi 12/9/2020
28	17UP033	43	18	27	88 ✓	Babhinavi 12/9/2020
29	17UP034	45	18	29	92 ✓	S. Jayanthi 12.09.2020
30	17UP035	38	17	28	83 ✓	S. Jayanthi 12/9/2020
31	17UP036	49	19	29	97 ✓	S. Jayanthi 12/9/2020
32	17UP038	45	15	25	85 ✓	Vignesh 12/9/2020
33	17UP039	49	19	29	97 ✓	S. Jayanthi 12/9/2020
34	17UP040	43	18	28	89 ✓	Babhinavi 12/9/2020
35	17UP041	49	16	27	92 ✓	S. Jayanthi 12/9/2020
36	17UP042	40	19	30	89 ✓	S. Jayanthi 12/9/2020
37	17UP043	45	18	28	91 ✓	Chitra 12/9/2020
38	17UP044	35	18	29	82 ✓	S. Jayanthi 12/9/2020
39	17UP045	49	20	29	98 ✓	Chitra 12/9/2020
40	17UP046	49	20	29	98 ✓	S. Jayanthi 12/9/2020
41	17UP047	49	19	29	97 ✓	S. Jayanthi 12/9/2020

R. Sudha Periyathar  
12/9/20

S. Jayanthi  
12/9/20

Date : 12.9.2020

e - Signature of Project In-charge

e - Signature of External

