



**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**  
**M.Sc. Mathematics**



**THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN (AUTONOMOUS),  
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**DEPARTMENT OF MATHEMATICS**

**M.Sc. Mathematics**

**STUDENT PROJECTS**

**2019 – 2020**

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**Department of Mathematics (2019 – 2020)**

**II-M.Sc., (Class) - Project Details**

S.No	Name of the guide	Register number	Name of the student	Project Title
1.	Dr. S.Kalai selvi	18PM002	G.Athilakshmi	A study on Divisor 3-equitable labeling of graphs
2	Dr. P.Vimaladevi	18PM003	M.Balakarhika	A study on odd vertex magic total labeling of some graphs
3.	Mrs.T.Rajasulochana	18PM004	A.Bhagavathimuthu	A Study on (1,2)-domination in graphs
4	Mrs.U.Muthumari	18PM005	K.Birundha	On local super anti-magic face colouring and local super anti-magic total face colouring of graphs.
5	Dr.S.Pethanachi Selvam	18PM006	S.Dharini	On d-lucky and product d-lucky number of some graph
6	Mrs.T.Rajasulochana	18PM007	S.Dhivya	A Study on Distance magic graphs
7	Dr. P.Vimala Devi	18PM008	S.Divya	A Study on total graph of path graphs and cycle graphs
8	Dr.R.Malini Devi	18PM009	M.Gowri	Analytical and numerical solution of SIR model with the influence of the number of hospital beds.
9	Dr.S.Kalaiselvi	18PM010	S.Gowsalya	A Study on inverse closed domination in graphs
10	Dr.S.Kalaiselvi	18PM011	M.Gowshiyadevi	A Study on accurate domination in graphs
11.	Dr.S.P.Nandhini	18PM012	M.Kala	Even vertex magic Total labelling of some graphs
12	Dr.A.Mydeen Bibi	18PM013	R.M.K.Karthiga Kaleeswari	A study on total transversal domination in graphs
13	Dr.P.Sanathi	18PM014	M.Kayal Vizhi	A study on Nano $\mathcal{G}^*s$ and Nano $\mathcal{G}^*-closed$ sets

*E.Ponmalar*  
Mrs. E.PONMALAR

Controller of Examinations &  
Associate Professor of Computer Science  
The Standard Fireworks Rajaratnam  
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**STUDENT PROJECTS**

**2019 – 2020**

14	Mrs.N.Akila	18PM015	V.Kokila	in nano topological spaces Harmonic and super geometric mean labeling of cycle related graphs
15	Dr.S.Pavithra	18PM016	T.Lakshmi Priya	A Study on irregular reflexive labeling of graphs
16	Dr. P. Vimala Devi	18PM017	R.Madhu Nisha	Some results on local closure functions in ideal topological spaces
17	Dr. A. Muthuselvi	18PM018	N.Maheshwari	On graceful labeling and Fibonacci labeling of graphs.
18	Dr.S.Pavithra	18PM019	R.Maheswari	Study on super edge magic total labeling in graphs
19	Dr.S.Pethanachi Selvam	18PM020	S.Malliga	Uniformly cordial graphs
20	Dr.P.Santhi	18PM021	S.Neelavathi	A study on Acharya index, Wiener index, Terminal Wiener index, Thorn graphs in graph theory
21	Dr.S.P.Nandhini	18PM022	S.Pandeeswari	gp*-closed sets and its neighbourhoods in topological spaces
22	Dr.S.P.Nandhini	18PM023	B. Pooja Lakshmi	Study on Prime Graceful Labeling for some Graphs
23	Dr. A. Mydeen Bibi.	18PM024	V.Priya	A study on Total Domination in graphs
24	Dr.S.Pavithra	18PM025	R.Punitha	V-super vertex magic total labeling
25	Dr. A. Mydeen Bibi.	18PM026	S.Radhiga	A study on Essential Domination in graphs
26	Dr.A.Muthuselvi	18PM027	L.Rajeswari	On R-Harmonic mean labeling of graphs &Harmonic mean labeling of subdivision graphs
27	Dr. A. Mydeen Bibi.	18PM028	A.Rani Ishwarya	A study on Distance-3 Domination in graphs
28	Dr.S.Kalaiselvi	18PM029	K.Rengalakshmi	Square commutative graph on $Z_n$ .
29	Dr.P.Vimala Devi	18PM030	I.Sameera Raxana	A Study on pell,Tribonacci and Tribonacci Square Graceful labeling of Graphs.
30	Mrs.U.Muthumari	18PM031	D.Saranya	A study on paired domination for some special graphs.

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**2019 – 2020**

31	Dr. P. Santhi	18PM032	G. Saranya	A Study on Prime labeling and prime Cordial labeling of graphs in graph theory
32	Dr.S.Pethanachi selvam	18PM033	S.Sathiya Priya	Prime labeling of graphs
33	Mrs.U.Muthumari	18PM034	V.Siva Bala Sankari	Operators in Topological space
34	Dr. A. Muthuselvi	18PM035	S. Sornalatha	On Relaxed Mean Labeling Of graphs
35	Mrs.N. Akila	18PM036	J. Uma Maheswari	A Study On Product Cordial Labeling For Some Special of Graphs.
36	Dr.R.Malini Devi	18PM037	K.Vaishnavi	Infection model for biological control of coffee rust
37	Mrs.T.Rajasulochana	18PM038	M. Vaishnavi	Techniques to find the IBFS of a Transportation Problem
38	Dr.S.Pavithra	18PM039	R.Vanthana	Approximate Analytical Solution of Relapsing-Remitting Multiple Sclerosis
39	Mrs.N. Akila	18PM040	S. Vethavalli @ Kothai	Analytical Expression for the Deterministic Mathematical Model of Typhoid fever
40	Dr.R.Malini Devi	18PM041	S. Vinitha	Human Behaviour Changes of Cholera Dynamics Using Asymptotic method
41	Mrs.N. Akila	18PM042	D.Vinodhini	Contra Harmonic Mean labeling of some graph

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*D. Subudhi C.*  
**Head of the department**



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**UG/PG END SEMESTER EXAMINATIONS, APRIL 2020.**

**Project Evaluation Sheet**

CLASS : II M.Sc MATHEMATICS

Course Code & Title : HLMT4P-PROJECT

S.No.	Register Number	PROJECT (50 Marks)	Viva Voce (50 Marks)		Total (100 Marks)	Signature of Guide / Internal Examiner
			Presentation (20 Marks)	Matter (30 Marks)		
1.	18PM002	50	18.5	29	97.5 <sup>98</sup>	S. Rajasekar
2.	18PM003	50	18.5	29	97.5 <sup>98</sup>	S. Rajasekar
3.	18PM004	50	19.5	29.5	99	T. Rajasekar
4.	18PM005	50	18.5	29	97.5 <sup>98</sup>	C. Murugesan
5.	18PM006	50	20	30	100	S. Pethaiah Selvam
6.	18PM007	50	20	30	100	T. Rajasekar
7.	18PM008	50	18.5	29	97.5 <sup>98</sup>	S. Rajasekar
8.	18PM009	50	19.5	30	99.5 <sup>100</sup>	Blaliniidus
9.	18PM010	50	18.5	29	97.5 <sup>98</sup>	S. Rajasekar
10.	18PM011	50	19.5	29.5	99	S. Rajasekar
11.	18PM012	50	20	29	99	S. Rajasekar
12.	18PM013	50	20	30	100	A. N. S. S. S.
13.	18PM014	50	20	30	100	P. S. S.
14.	18PM015	50	20	30	100	N. S. S.
15.	18PM016	50	19.5	29.5	99	S. Rajasekar
16.	18PM017	50	19	29	98	S. Rajasekar





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**2019 – 2020**

17.	18PM018	50	20	30	100	A. Multisix
18.	18PM019	50	19.5	29	98.5 99	Jasritha
19.	18PM020	50	20	30	100	S. Petkavachi selvam
20.	18PM021	50	20	29.5	99.5 100	P. S. S.
21.	18PM022	50	19.5	29.5	99	Jasritha
22.	18PM023	50	20	30	100	Jasritha
23.	18PM024	50	20	30	100	A. N. N. N.
24.	18PM025	50	19.5	29.5	99	Jasritha
25.	18PM026	50	20	30	100	A. N. N. N.
26.	18PM027	50	20	30	100	A. Multisix
27.	18PM028	50	20	30	100	A. N. N. N.
28.	18PM029	50	20	30	100	S. Rajasekar
29.	18PM030	50	19.5	29.5	99	S. Rajasekar
30.	18PM031	50	18.5	29	97.5 98	U. N. N.
31.	18PM032	50	19	29	98	P. S. S.
32.	18PM033	50	19	28.5	97.5 98	S. Petkavachi selvam
33.	18PM034	50	19	29	98	U. N. N.
34.	18PM035	50	20	28.5	98.5 99	A. Multisix
35.	18PM036	50	18.5	29.5	98	N. N. N.
36.	18PM037	50	19	30	99	Blalindar
37.	18PM038	50	20	30	100	T. Rajasekar
38.	18PM039	50	20	30	100	Jasritha





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39.	18PM040	50	20	30	100	
40.	18PM041	50	20	30	100	<i>Blalindew</i>
41.	18PM042	50	20	30	100	

Date :12.9.2020  
Examiner(s)

e - Signature of Project In-charge

e - Signature of External

