

# RESUME



**Name: Dr. A. Lourdusamy**  
**Designation: Associate Professor & Head**  
**Department: Data Science**  
**Address: 9/33, Arul Nagar, Palayamkottai- 6270002**

## PERSONAL DETAILS

Date of Birth : 15-06-1962  
Qualification : M.Sc., M.Phil., Ph.D  
Designation : Associate Professor  
Department : Data Science  
Community : BC  
Religion : Christian  
Nationality : India  
Mobile : 9994343275  
Email ID : [lourdusamy15@gmail.com](mailto:lourdusamy15@gmail.com)

## ACADEMIC QUALIFICATIONS

Degree	Specialization	College	University	Year of Passing
B.Sc	Mathematics	St.Joseph's College, Trichy	Bharathidasan University, Trichy	1982

M.Sc	Mathematics	St.Joseph's College, Trichy	Bharathidasan University, Trichy	1984
M.Phil	Mathematics		Bharathidasan University, Trichy	1988
Ph.D	Mathematics (Graph Theory)		Manonmaniam Sundaranar University, Tirunelveli	2001

### ACADEMIC IDENTITY

*VIDWAN ID	<b>283487</b>
*ORCID ID	<b>0000-0001-5961-358X</b>
*SCOPUS ID	<b>26434790200</b>
*RESEARCHER ID/ PUBLONS ID	
GOOGLE SCHOLAR LINK	<a href="https://scholar.google.com/citations?user=SXokmqcAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=SXokmqcAAAAJ&amp;hl=en</a>

### TEACHING EXPERIENCE

<b>Date of Appointment</b>	2.7.1990
<b>Date of Retirement</b>	30.04.2023
<b>Teaching Experience</b>	UG 35 Years
	PG 35 years
	M.Phil. 32 years
<b>Research</b>	Guided M Phil: 30 Guided Ph D: 19 Guiding Ph Scholar: 6

### ACADEMIC EXPERIENCE

NAME OF THE COLLEGE	WHETHER GOVT/AIDED/S.F.	DESIGNATION	JOINING DATE	RELIEVING DATE	EXPERIENCE		
					Years	Months	Days
St. Joseph's College, Trichy	Aided (worked in Leave & Manage	Assistant Professor	8.7.1986	10.5.1988	1	10	3

	ment vacancies)						
Sacred Heart College, Tirupathur	worked in Management vacancy	Assistant Professor	2.8.1988	23.12.1988		4	22
St. Joseph's College, Trichy	Aided (worked in Management vacancy).	Assistant Professor	3.1.1989	31.5.1989		4	28
Dr.M.G.R Engineering College, Chennai/Lo yola Evening College, Chennai	Self Finance	Assistant Professor	1.6.1989	31.5.1990	1		
St. Xavier's College, palayamkottai	Aided	Assistant Professor and Associate Professor	2.7.1990	31-05-2023	33		
St. Xavier's College, palayamkottai	Self-Finance	Associate Professor & Head in Department of Data Science	01-06-2023				
<b>Total</b>					36	9	13

### AWARDS RECEIVED

1.	<ul style="list-style-type: none"> <li>Reviewer for Mathematical Reviews(International Database), American Mathematical Society.</li> </ul> <p>To review published papers in journals and books</p>
2.	<ul style="list-style-type: none"> <li>Reviewer for Zentralblatt MATH(International Database), European</li> </ul>

	<p>Mathematical Society, the Heidelberg Academy of Sciences and Fachinformationszentrum Karlsruhe, Gottfried Wilhelm Leibniz Scientific Community, Germany.</p> <p>To review published papers in Journals and books</p>
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RECOGNITION RECEIVED AT THE NATIONAL AND INTERNATIONAL LEVEL
<p><b>There is a conjecture in my name in Graph Pebbling: "Lourdusamy's conjecture on graph pebbling"</b></p> <p><b>There is a paper in the international journal on the above title</b></p> <p>➤ Dong-Lin Hao, Jian-Hua Yin and Ze-Tu Gao, "Lourdusamy's conjecture for <math>K^{\{-k_1\}_n \times K^{\{-k_2\}_m}</math>, Utilitas Mathematica 101 (2016), 69-77.</p>

ADMINISTRATIVE EXPERIENCE			
S. No	DESIGNATION	INSTITUTIONS	YEAR
1.	Dean of Science	St. Xavier's College, Palayamkottai	2010-2013
2.	Member in Governing Body	St. Xavier's College, Palayamkottai	2010-2013 & 2014 – till date
3.	Member in Academic Council	St. Xavier's College, Palayamkottai	2010-2013 & 2014 – till date
4.	Member in Planning & Evaluation Committee	St. Xavier's College, Palayamkottai	2010-2013 & 2014 – till date
5.	Member in College Council	St. Xavier's College, Palayamkottai	2010-2013 & 2014 – till date
6.	Member in Board of Studies	St. Xavier's College, Palayamkottai	1990 – till date
7.	Core Committee member for preparing for NAAC Visit for Cycle III	St. Xavier's College, Palayamkottai	2012
8.	Core Committee member & Coordinator for preparing for Autonomy Review Visit by UGC	St. Xavier's College, Palayamkottai	2013
9.	IQAC Director	St. Xavier's College, Palayamkottai	1 <sup>st</sup> June 2014 – 3 <sup>rd</sup> July 2022
10.	Head of the Department of Mathematics	St. Xavier's College, Palayamkottai	4 <sup>th</sup> July 2022 to 30 <sup>th</sup> April 2023
11.	Head of the Department of Data Science	St. Xavier's College, Palayamkottai	1 <sup>st</sup> June 2023 to till date

<b>MEMBERSHIP</b>		
<b>S. No</b>	<b>Designation</b>	<b>Particulars</b>
1.	Life member	Life member of Indian Science Congress Association
2.	Affiliate member	Member of American Mathematical Society

**ORIENTATION / REFRESHER COURSES / FACULTY DEVELOPMENT PROGRAMME UNDERGONE ( )**

<b>S. No</b>	<b>Name of the Training</b>	<b>Name of the Sponsoring Agency</b>	<b>Place and Date</b>
1.	Orientation Programme for Teachers on “Innovative Teaching Strategies for Students Centred Education”	St.Xavier’s College (IQAC)	Palayamkottai, 5 <sup>th</sup> July, 2014
2.	Orientation Programme for Teachers on “Classroom Management, Maintance of Discipline and Teaching Skills”	St.Xavier’s College (IQAC)	Palayamkottai, 21 <sup>st</sup> Aug, 2014
3.	Orientation Programme for Teachers on “Millennium Psychology of Students”	St.Xavier’s College (IQAC)	Palayamkottai, 14 & 15 June 2016
4.	Orientation Programme was conducted for III UG & II PG students on the following topics: 1.Self-confidence; 2.Capacity Building; 3.Accepting&Discovering oneself; 4. Path ofAttraction;	St. Xavier’s College	Palayamkottai, 19.06.2017 & 20.06.2017

	5. How to handle the emotions; 6. How to succeed in life; 7. Love Language		
5.	Orientation Programme for non teaching staff	St. Xavier's College	Palayamkottai, 11.06.2019
6.	Orientation Programme for Juniorteaching staff	St. Xavier's College	Palayamkottai, 12.06.2019
7.	Orientation Programme for teaching staff	St. Xavier's College	Palayamkottai, 13.06.2019 & 14.06.2019

### DETAILS OF RESEARCH WORK

Research Stages	Title of the Thesis	University where the work was carried out

### AREAS OF RESEARCH

Graph Pebbling
Graph Labeling

### PH.D. THESIS ADJUDICATED

S.No	Name of the University	Title of the Thesis	Name of Candidate	Year
1.	Department of Mathematics, Bharathiar	Studies on the Numerical stability of fuzzy	T. L. Yookesh	May 2017

	University	differential and integral equation using delay argument		
2.	Department of Mathematics, Bharathiar University	Studies on Fuzzy Mathematical approach for segmentation of medical images	A. C. Prabu	April 2018

**PH.D. PUBLIC VIVA-VOCE EXAMINATION CONDUCTED**

S.No	Name of the University	Title of the Thesis	Name of Candidate	Year
1.	Department of Mathematics, Bharathiar University, Coimbatore	Studies on the Numerical stability of fuzzy differential and integral equation using delay argument	T. L. Yookesh Guide: Dr. Narayanamoorthy	September 2017
2.	Department of Mathematics, St. Joseph's College, Trichy.	Harmonic and Jagreb Indices of Graphs	J. AmalorpavaJerlin Dr. Benedict Michael Raj	October 2017
3.	Department of Mathematics, Bharathiar University, Coimbatore	Studies on Fuzzy Mathematical approach for segmentation of medical images	A. C. Prabu Guide: Dr. Narayanamoorthy	27.07.2018

4.	Department of Mathematics, St. Joseph's College, Bharathidasan University Trichy.	Some Properties of intuitionistic Fuzzy Finite Automata and Mealy Machines	Fr. Telesphor Lakra Guide: Dr. T. Rajaretinam	30 <sup>th</sup> December 2019
5.	Department of Mathematics, St. Joseph's College, Bharathidasan University Trichy.	Solving some Fuzzy Fractional Differential Equations with Fuzzy Laplace Transforms	J.Sangeetha(Reg 26820) Dr. Rubanraj	28 July 2020
6.	Department of Mathematics, St. Joseph's College, Bharathidasan University Trichy.	Modified Zagreb Indices, F-Index, F-Coindex, T-Colouring of Graphs	Mrs, E. Litta (45516) Dr. Benedict Michael Raj	9 Dec 2020

**NUMBER OF PH. D SCHOLARS COMPLETED & CONVENER OF THE VIVA BOARD TO CONDUCT PH.D VIVA AT ST. XAVIER'S COLLEGE, PALAYAMKOTTAI:**

Name of the Scholar	Register Number	Date of Reg.	Date of Viva	Title of the Thesis	Name of the University
1)A. PunithaTharani	1876	15.04.2004	16.12.2008	Studies in Graph Theory-Pebbling Related Concepts	Manonmaniam Sundaranar University
2)P. Namasivayam	1981	18.06.200	18.12.200	Studies in	Manonmaniam



		4	9	Strong Double Domination in Graphs	m Sundaranar University
3)S. Samuvel Jeyaseelan	1761	19.12.200 3	11.11.201 1	Pebbling and Related Concepts in Graphs	Manonmania m Sundaranar University
4)P. Annammal Rani	1835	12.04.200 4	22.12.201 1	A Study on Edge Mean Labelings of Graphs	Manonmania m Sundaranar University
5)A. AmaliAsha	3536	10.03.200 9	27.02.201 2	Study about Swarm Intelligence – Extracting Features in Images with Ant Colony Algorithm	Manonmania m Sundaranar University
6)J. Mohan Kumar	1878	16.04.200 4	27.03.201 4	A Study on the Radio Number of Graphs	Manonmania m Sundaranar University
7)D. Mary Mettalin	2035	01.12.200 4	29.05.201 2	Diametral Path Related Parameters in Graphs	Manonmania m Sundaranar University
8)M. Seenivasan	2173	18.07.200 5	22.01.201 4	Studies in Graph Theory: Some New Labeling	Manonmania m Sundaranar University

				Concepts	
9)C. Muthulakshmi @ Sasikala	1911	21.04.200 4	14.03.201 4	Extensions of Graph Pebbling in Graphs	Manonmania m Sundaranar University
10)T. R. Vijayan	2015	23.11.200 4	15.09.201 4	A Study on Generalized Common Fixed Point Theorems for Sequence of Mappings and their Applications	Manonmania m Sundaranar University
11)M. Antony Sundarsingh	3443	13.02.200 9	26.05.201 5	Design and Analysis of Graph Mining Algorithms	Manonmania m Sundaranar University
12)C. Ramkumar	7782		26.08.201 6	Fuzzy Mathematical Models for Major issues of Cypsies in Tamilnadu	Manonmania m Sundaranar University
13)T. Mathivanan	5329	16.08.201 0	28.09.201 6	Some Extensions of Pebbling Number in Graphs	Manonmania m Sundaranar University
14)Sherry George	11728	18.10.201 4	26.07.201 8	Extensions of graph labeling	Manonmania m Sundaranar

					University
15)F. Patrick	12199	22.04.2016	16.11.2018	A study on pebbling and labeling in graphs	Manonmaniam Sundaranar University
16)A.Navis Vigila Christ Jothi College, Bangalore	7374		21.10.2019	A Graph Theory based study on Efficient Vehicle to Vehicle Communication Networks	Manonmaniam Sundaranar University
17) S. Jenifer Wency	1721128209 2013	10.08.2017	04-10-21	Some extensions of labeling in graphs	Manonmaniam Sundaranar University
18) J. Jenifer Steffi	12415	16.08.2016	18-10-21	A study on graph pebbling	Manonmaniam Sundaranar University
19) S. Saratha Nellainayaki	12412	16.08.2016	Awaiting Viva	Some new concepts in graph pebbling	Manonmaniam Sundaranar University

**NUMBER OF PH. D SCHOLARS COMPLETED & CONVENER OF THE VIVA BOARD TO CONDUCT PH.D VIVA AT ST. XAVIER'S COLLEGE, PALAYAMKOTTAI:**

Name	Register	Date of	Date of Viva	Title of the	Name of the
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of the Scholar	Number	Reg.		Thesis	University
1.	R. Revathy	27.11.2003	1713		ManonmaniamSundaran University
2.	A. Aruna Rukmani	20.12.2018	19121282092009		ManonmaniamSundaran University
3.	Veronisha	22.07 2019	19211282092009	Different types of labelling - Domination Cover Rubbling number of Graphs	ManonmaniamSundaran University
4.	Mr. I. Dhivvyanandam	30.12.2020	20211282091003	A Study on Hers Covici's pebbling conjecture	ManonmaniamSundaran University
5.	Ms. S. Kitheri Ammal	30.12.2020	20211282092005	A Study on Lourdasamy 's pebbling lorjecture	ManonmaniamSundaran University
6.	Ms. F. Joy Beaula	30.12.2020	20211282092004	Recent Trends on Labeling and pebbling in Graphs	ManonmaniamSundaran University

## RESEARCH PROJECTS CARRIED OUT

S. No	Title of the Project (Minor)	Name of the Funding Agency & Amount	Duration
1.	Extension of Graph Pebbling – Covering Cover Pebbling and t-Pebbling	UGC Rs. 3,27,000	01.07.2012 to 30.06.2015
2.	National Conference on the “Emerging Trends in Pure & Applied Mathematics”	Rs 40000 from DST Rs 22500 from UGC Rs 20000 from NBHM	Jan 27- 29, 2005
3.	Research Project for Ph.D Student supervised by me-- “Some Extensions of Pebbling Number in Graphs”	UGC Rs.12,63,962	August 2010 to July 2015

#### REFEREE

- ❖ Discrete Mathematics
- ❖ Graphs and Combinatorics
- ❖ South East Asian Bulletin of Mathematics
- ❖ Utilitas Mathematica
- ❖ AKCE International Journal of Graphs and Combinatorics
- ❖ ARS COMBINATORIA
- ❖ Journal of Combinatorial Mathematics and Combinatorial Computing
- ❖ Proyecciones Journal of Mathematics
- ❖ Journal of the Chungcheong Mathematical Society
- ❖ ICAAM 2017, International Journal of Pure and Applied Mathematics
- ❖ Journal of Applied Mathematics and Computational Mechanics, Poland.
- ❖ Open Journal of Discrete Applied Mathematics.
- ❖ Journal of the Ramanujan Mathematical Society
- ❖ South East Asian Journal of Mathematics and Mathematical Sciences

## EDITORIAL ACTIVITY

Founding Editor for the International Journal- **Scientia Acta Xaveriana**- An International Science Journal Published by St. Xavier's College, Palayamkottai.

## PROJECT REVIEW

Reviewed a project for American Mathematical Society - National Security Agency - USA in year 2012.

**50 reviews were written to MathReview International Database maintained by American Mathematical Society, USA.**

**20 Reviews for Zentralblatt MATH or ZbMath Database by European Mathematical Society**

## MR Erdos Number

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MR Erdos Number = 4

Arockiam Lourdusamy	coauthored with	Chella Durai Xavier	MR1627429
Chella Durai Xavier	coauthored with	Sitharama S. Iyengar	MR1643537
Sitharama S. Iyengar	coauthored with	Renu C. Laskar	MR0961684
Renu C. Laskar	coauthored with	Paul Erdős <sup>1</sup>	MR2019200

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## CERTIFICATE OF APPRECIATION

1. Appreciation by Ministry of Finance, Government of India, Central Board of Direct Taxes in Bronze category in recognition of the contribution towards building the great Nation for the assessment year 2017-18.
2. Appreciation by Ministry of Finance, Government of India, Central Board of Direct Taxes in Bronze category in recognition of the contribution towards building the great Nation for the assessment year 2018-19.
3. Appreciation by Ministry of Finance, Government of India, Central Board of Direct Taxes in Bronze category in recognition of the contribution towards building the great Nation for the assessment year 2019-20.

<b>PUBLICATIONS</b>				
<b>BOOKS</b>	<b>BOOK CHAPTERS</b>	<b>SCOPUS</b>	<b>WEB OF SCIENCE</b>	<b>UGC LISTED</b>
<b>OTHER INDEXED</b>	<b>AS A RESOURCE PERSON</b>	<b>PAPERS PRESENTED IN NATIONAL AND INTERNATIONAL SEMINARS</b>	<b>WEBINARS, SEMINARS, WORKSHOPS ATTENDED</b>	

<b>PUBLICATIONS: BOOKS ()</b>			
<b>S. No</b>	<b>Title of the Book</b>	<b>Publication</b>	<b>Year</b>

<b>BOOK CHAPTERS ()</b>			
<b>S. No</b>	<b>Title of the Paper</b>	<b>Name of the Book</b>	<b>ISSN No., Pg.No</b>

<b>PUBLICATIONS: SCOPUS INDEXED JOURNALS () WEB OF SCIENCE ()</b>			
<b>S. No</b>	<b>Title of the Paper</b>	<b>Name of the Journal</b>	<b>ISSN No., Volume, Issue, Impact factor &amp; Pg. No</b>
1.	On Tades of Certain Classes of Graphs	South East Asian J. of Mathematics and Mathematical	Vol. 21, (2022), pp. 249-260.

		Sciences	
2.	Hercovicci conjecture on product of some complete bipartite graphs	Synergies in Analysis, Discrete Mathematics, Soft Computing and Modelling	35 (2023) pp 103–109
3.	Monophonic pebbling number of some standard graphs	South East Asian J. of Mathematics and Mathematical Sciences	Vol 21, (2022):177–182
4.	t-pebbling number and 2t-pebbling property for the deleted independent edges of some graphs	Advances and Applications in Mathematical Sciences	Vol 21, Issue 12 (2022):6651–6659
5.	Totally Magic Cordial Labeling On Zero Divisor Graphs	Advances And Applications In Mathematical Sciences	Vol 21, Issue 12 (2022):6827–6842
6.	Group S4 Difference Cordial Labeling	Indian Journal Of Science And Technology	2022;15(32):1561–1568
7.	Detour Pebbling On Cartesian Product Graphs	South East Asian J. of Mathematics and Mathematical Sciences	Vol. 18, No. 3 (2022), pp. 359-368
8.	Monophonic pebbling number and t-pebbling number of some graphs	AKCE International Journal of Graphs and Combinatorics	2022, Vol.19, No.2, 108-111
9.	Difference Cordial Labeling	J. Math. Comput. Sci.	11 (2021), No. 3, 2999-3009 ISSN: 1927-5307
10.	Detour Pebbling on Path related Graphs	Advances in Mathematics: Scientific Journal	10 (2021), no.4, 2017–2024. ISSN: 1857-8365
11.	Lourdusamy's conjecture on $ZZ_n(C_{2k}) \times G$	AIP Conference Proceedings	vol. 2261, no. 1, (2020)pp. 030044. ISSN: 0094-243X
12.	Pebbling on zig-zag chain graph of n odd cycles	Proyecciones Journal of Mathematics	vol. 38, no. 3, (2019) pp. 597-615 ISSN: 0716-0917
13.	Hercovic's Conjecture on $C_{2n} \times G$	Discrete Mathematics, Algorithms and Applications	Vol. 12, No. 5, (2020) pp. 2050071. ISSN: 1793-8317
14.	Several result on SD-prime cordial graphs	Journal of Mathematical and Computational Science	Vol. 10, No. 2, (2020), 309-315. ISSN: 1927-5307



15.	Group $S_3$ cordial remainder Labeling for path and cycle related graphs	Journal Applied Mathematics and Informatics	Vol. 39, No. 1-2, (2021), pp. 223-237. ISSN: 2234-8417
16.	Several result on group $S_3$ cordial remainder labeling	AIP Conference Proceedings	Vol. 2261, No. 1, (2020), pp. 030035-1 -- 030035-10. ISSN: 0094-243X
17.	Sum Divisor Cordial Labeling for Path and Cycle Related Graphs	Journal of Prime Research in Mathematics	Vol. 13, (2019), 101-114. ISSN : 1817-3462
18.	Group $S_3$ cordial remainder labeling	International Journal of Recent Technology and Engineering	Vol. 8, No. 4, (2019), 8276-8281. ISSN: 2277-3878
19.	Even Vertex Equitable Even Labeling for corona and $T_p$ tree related graphs	Utilitas Mathematica	Vol. 110, (2019), 223-242. ISSN: 0315-3681
20.	Detour Pebbling in Graphs	Advances in Mathematics: Scientific Journal,	Vol. 9, No. 12, (2020), pp: 10583–10589. ISSN: 1857-8438
21.	Pebbling on Some Braid Graphs	Journal of Mathematical and Computational Science,	2021. ISSN: 1927-5307
22.	Even vertex equitable even labeling for snake related graphs,	Proyecciones Journal of Mathematics,	38(1), (2019), 177-189. ISSN: 0716-0917
23.	Even Vertex Equitable Even Labeling for Cycle related graphs,	Kragujevac Journal of Mathematics	, Vol. 43, No. 3, (2019), 427-441. ISSN: 1450-9628
24.	, The $t$ -Pebbling Number of Lamp graph,	Proyecciones Journal of Mathematics	, Vol. 37, No.3, (2018), 503-517. ISSN: 0716-0917,
25.	The domination cover pebbling number for some cyclic graphs and path graphs	ARS COMBINATORIA,	Vol. 138(1), (2018), 51-61. ISSN: 0381-7032

26.	Super vertex mean labeling of cycles through different ways,	Proyecciones Journal of Mathematics	, Vol. 37, No.2, (2018), 181-198. ISSN: 0716-0917
27.	Vertex Equitable Labeling for Ladder and Snake Related Graphs,	Journal of Prime Research in Mathematics,	Vol. 13, (2017), 01-07. ISSN : 1817-3462
28.	Some Results on SD-Prime Cordial Labeling, ,	Proyecciones Journal of Mathematics,	Vol. 35, No. 4, (2017), 601-614. ISSN: 0716-0917
29.	Super Vertex Mean Graphs of order less than or equal to 7,	JAMI,	Vol. 35, (2017)
30.	Pebbling on the middle graph of a complete binary tree,	JAMI,	Vol. 37, No 3-4, pp: 163-177
31.	New Construction on SD-Prime Cordial Labeling,	Lecture Notes in Computer Science,	Vol. 10398, (2017), 134-143
32.	Some New Classes of Vertex-Mean Graphs,	Proyecciones Journal of Mathematics,	Vol. 36, No.2, (2017), 283-298. ISSN: 0716-0917
33.	Sum divisor cordial labeling for star and ladder related graphs,	Proyecciones Journal of Mathematics	, Vol. 35, No.4, (2016), 437-455. ISSN: 0716-0917
34.	The t-pebbling number of some wheel related graphs,	Journal of Prime Research in Mathematics,	Vol. 12, (2016), 35-44. ISSN : 1817-3462
35.	Sum divisor cordial graphs,	Proyecciones Journal of Mathematics,	Vol. 35, No.1, (2016), 119-136. ISSN : 0716-0917
36.	The t-pebbling number of the Jahangir graph $J_{3,m}$ ,	Proyecciones Journal of Mathematics	, Vol. 33, No. 2, (2015), 161-174. ISSN: 0716-0917
37.	The t-pebbling number of squares of cycles,	Journal of Prime Research in Mathematics,	Vol. 11, (2015), 61-76. ISSN : 1817-3462

38.	Mean Labeling of edge linked cyclic snakes,	AKCE International Journal of Graphs and Combinatorics,	Vol. 10, (2013), 391-403. ISSN : 0972-8600
39.	Covering cover pebbling number for square of a cycle,	Journal of Prime Research in Mathematics,	Vol. 8, (2012), 102-105. ISSN: 1817-3462
40.	On t-pebbling graphs,	UtilitasMathematica,	Vol. 87, (2012), 331-342. ISSN: 0315-3681
41.	Domination cover pebbling number for square of a path,	Journal of Prime Research in Mathematics,	Vol. 7, (2011), 1-8.ISSN: 1817-3462
42.	Mean Labeling of cyclic snakes,	AKCE International Journal of Graphs and Combinatorics,	Vol. 8, No. 2, (2011), 105-113. ISSN : 0972-8600
43.	The t-pebbling conjecture on Products of Complete r-partite graphs,	ArsCombinatoria,	Vol. 102, (2011), 201-212.ISSN: 0381-7032
44.	Covering cover pebbling number,	UtilitasMathematica,	Vol. 78, (2009), 41-54.ISSN: 0315-3681
45.	Generalised t-Pebbling Number,	Journal of Discrete Mathematical Sciences and Cryptography,	Vol.12, No.1, (2009), 109-120.ISSN: 0972-0529
46.	Vertex equitable Labeling of Graphs,	Journal of Discrete Mathematical Sciences and Cryptography,	Vol.11, No.6, (2008), 727-735. ISSN: 0972-0529
47.	Covering cover pebbling number of hypercube and diameter d graphs,	Journal of the Korea society of Mathematical Education Series B: "Pure and Applied Mathematics",	Vol. 15, No.2, (2008), 121-134.
48.	Triangular Mean Labeling of Graphs,	Journal of Discrete Mathematical Sciences and Cryptography,	Vol.10, No.6, (2007), 815-822. ISSN: 0972-0529
49.	The t-Pebbling Number of Graphs,.	South East Asian Bulletin of Mathematics,	Vol. 30, (2006), 907-914
50.	t-Pebbling the Product of Graphs,	ActaCeinciaIndica	XXXII (M.N0. 1) (2006), 171-176.ISSN : 0970 -0455

51.	t-Pebbling the Graphs of Diameter Two,	ActaCeinciaIndica	XXIX (M.NO. 3) (2003),465-470.ISSN : 0970 -0455
52.	Pebbling $C_5 \times C_5$ using linear programming,	Journal of Discrete Mathematical Sciences and Cryptography,	Vol.4, No.1, (2001), 1-15. ISSN: 0972-0529

<b>PUBLICATIONS: UGC LISTED JOURNALS ()</b>			
<b>S. No</b>	<b>Title of the Paper</b>	<b>Name of the Journal</b>	<b>ISSN No., Volume, Issue, Impact factor &amp; Pg. No</b>
1.	Covering Cover Rubbling	Studies in Indian Place Names	Vol. 40, Issue 60, (2020) pp.646-655. ISSN: 2394-3114
2.	Monophonic pebbling on zero divisor graphs	Research and Reflections on Education	ISSN 0974-648X(P) ,Vol. 20 No. 3A October 2022, PP 153-157

<b>PUBLICATIONS: OTHER INDEXED JOURNALS ()</b>			
<b>S. No</b>	<b>Title of the Paper</b>	<b>Name of the Journal</b>	<b>ISSN No., Volume, Issue, Impact factor &amp;Pg.No</b>
1.	The $2t$ -pebbling property on the zig-zag chain graph of $n$ odd cycles	International Journal of Pure and Applied Mathematics	Vol. 117, No. 14, (2017), 209-218.ISSN:1314-3395
2.	Few results on SD-prime cordial graphs	Scientia Acta Xaveriana	Vol. 10, no. 2, (2019) pp. 21-31. ISSN: 0976-1152
3.	Group $S_3$ cordial remainder Labeling of subdivision of graphs	Journal Applied Mathematics and Informatics	Vol. 38, No. 3-4, (2020), pp. 221-238. ISSN: 2234-8417
4.	Herscovicis Conjecture on Square of Paths	Scientia Acta Xaveriana	Vol. 10, No. 1, 2019, pp: 33-37.
5.	Even Vertex Equitable Even Labeling For Tree Related Graphs,	Scientia Acta Xaveriana	9(2), (2018), 55-62. ISSN : 0976 – 1152
6.	On SD-Harmonious Labeling,	Mapana Journal of Sciences	Vol. 17, No. 3, (2018), 1-15. ISSN: 0975-3303
7.	Linear Cyclic Snakes as Super Vertex Mean Graphs,	International Journal of Mathematical Combinatorics,	Vol.1, (2018), 109-126. ISSN:1937-1055
8.	, Further results on SD-prime cordial graphs,	Scientia Acta Xaveriana,	Vol. 9, No.1, (2018), 9-15. ISSN : 0976 – 1152
9.	Graham's conjecture on	Scientia Acta Xaveriana,	Vol. 9, No.1, (2018), 1-

	$ZZ_n(C_{2k}) \times G$ ,		8. ISSN : 0976 – 1152
10.	, Lourdasamy's Conjecture on Shadow Graph of a Paths,	International Journal of Pure and Applied Mathematics	Vol. 117, No. 11, (2017), 67-74. ISSN:1314-3395
11.	On SD-Prime Cordial Labeling,	International Journal of Pure and Applied Mathematics	Vol. 117, No. 11, (2017), 221-228. ISSN:1314-3395
12.	On Even Vertex Equitable Even Labeling,	International Journal of Pure and Applied Mathematics	Vol. 117, No. 12, (2017), 19-25. ISSN:1314-3395
13.	The Two-Pebbling Property on Shadow Graph of a Path,	ScienciaActaXaveriana,	Vol. 8, No.1, (2017), 63-76. ISSN : 0976 – 1152
14.	t-Pebbling Number of Zig-Zag Chain Graph of Even Cycles,	ScienciaActaXaveriana,	Vol. 8, No.1, (2017), 91-100. ISSN : 0976 – 1152
15.	Graham's Pebbling Conjecture on Shadow Graph of a Path,	ScienciaActaXaveriana,	Vol. 8, No.1, (2017), 101-114. ISSN : 0976 – 1152
16.	The Pebbling Number of Zig-Zag Chain Graph of Even Cycles,	ScienciaActaXaveriana,	Vol. 8, No.1, (2017), 1-14. ISSN : 0976 – 1152
17.	Odd Vertex Equitable Even Labeling of Quadrilateral Snake Related Graphs,	ScienciaActaXaveriana,	Vol. 8, No.1, (2017), 1-14. ISSN : 0976 – 1152
18.	Even Vertex Equitable Even Labeling of Path and Bistar Related Graphs,	Information Sciences and Computing,	Volume 2016, Article ID ISC650716, 1-9. <b>ISSN: 2321-8215</b>
19.	Super Vertex Mean Labeling of Cyclic Snakes,	Information Sciences and Computing,	Volume 2016, Article ID ISC630416, 1-25 . ISSN: 2321-8215
20.	Herscovici's Conjecture On The Products of Paths, Complete Graphs,	International Research Journal of Pure Algebra,	6(9), (2016), 394-396. ISSN :2248-9037
21.	A. Lourdasamy and T. Mathivannan, The Pebbling Number of Jahangir Graph $J_{2,m}$ ,	International Journal of Mathematical Combinatorics,	Vol.3, 2016 . ISSN : 1937-1055
22.	Even vertex equitable even labeling for path related graphs,	Sciencia Acta Xaveriana,	Vol. 7, No.1, (2016), 47-56. ISSN : 0976 – 1152
23.	Even vertex equitable even labeling,	ScienciaActaXaveriana,	Vol. 7, No.1, (2016), 37-46. ISSN : 0976-1152
24.	Maximum independent set cover pebbling number of Complete graphs and Paths,	Sciencia Acta Xaveriana,	Vol. 7, No.1, (2016), 19-27. ISSN : 0976-1152
25.	Domination cover pebbling number for Sun,	Sciencia Acta Xaveriana,	Vol. 7, No. 1, (2016), 9-18. ISSN : 0976-1152
26.	The 2t-pebbling property of the Jahangir graph $J_{2,m}$ ,	General Mathematics Notes,	Vol. 28, No. 1, (2015), 18-39. ISSN : 2219-7184
27.	Domination cover pebbling	ScienciaActaXaveriana,	Vol. 5, No. 1, (2014),

	number for Even Cycle Lollipop,		15-36. ISSN :0976-1152
28.	Covering cover pebbling number for the square of a path,	Gulf Journal of Mathematics,	Vol. 2, No. 2, (2014), 83-87. ISSN: 2309-4966
29.	Super vertex mean graphs,	ScienciaActaXaveriana,	Vol. 5, No. 2, (2014), 39-46. ISSN : 0976-1152
30.	Generalised t-Pebbling Numbers of Wheel and Complete r-partite graph,	ScienciaActaXaveriana,	Vol. 5, No.2 (2014), 31-38. ISSN : 0976-1152
31.	Maximum independent set cover pebbling number of an m-ary tree,	ScienciaActaXaveriana,	Vol. 5, No.2 (2014), 19-30. ISSN : 0976-1152
32.	, Covering Cover Pebbling Number for Jahangir Graph $J_{2,m}$ ,	ScienciaActaXaveriana,	Vol. 4, No.2, (2013), 59-64. ISSN : 0976-1152
33.	Domination cover pebbling number for Odd Cycle Lollipop,	ScienciaActaXaveriana,	Vol. 4, No.1, (2013), 35-70. ISSN : 0976-1152
34.	The odd $2t$ -pebbling property of graphs,	ScienciaActaXaveriana,	Vol. 4, No.1, (2013), 21-34. ISSN : 0976-1152
35.	Maximum independent set cover pebbling number of a Binary tree,	ScienciaActaXaveriana,	Vol. 3, No.2 (2012), 9-20. ISSN : 0976-1152
36.	The pebbling number of the square of an odd cycle,	ScienciaActaXaveriana,	Vol. 3, No.2, (2012), 21-38. ISSN : 0976-1152
37.	Maximum independent set cover pebbling number of a star,	International Journal of Mathematical Archive,	Vol. 3, No. 2,(2012), 616-618. ISSN : 1937-1055
38.	Cover pebbling number for square of a path,	International Journal of Mathematical Combinatorics,	Vol. 3, (2012), 54-57. ISSN: 1937-1055
39.	Generalised Pebbling Numbers of some graphs,	ScienciaActaXaveriana,	Vol. 3, No. 1, (2012), 107-114. ISSN: 0976-1152
40.	The t-Pebbling number of Jahangir graph,	International Journal of Mathematical Combinatorics,	Vol. 1, (2012), 92-95. ISSN: 1937-1055
41.	The Pebbling number of Jahangir graph $J_{2,m}$ ( $3 \leq m \leq 7$ ),	ScienciaActaXaveriana,	Vol. 3, No. 1, (2012), 87-106. ISSN: 0976-1152
42.	Path magic graphs,	ScienciaActaXaveriana,	Vol. 2, No. 1, (2011), 73-82. ISSN : 0976-1152
43.	Edge mean graph,	ScienciaActaXaveriana,	Vol. 2, No. 1, (2011)31-47. ISSN : 0976-1152
44.	Vertex Mean Graphs,	International Journal of Mathematical Combinatorics,	Vol. 3, (2011), 114-120. ISSN : 1937-1055
45.	Absolutely harmonious Labeling of graphs,	International Journal of Math. Combin,	Vol. 2, (2011), 40-51. ISSN : 1937-1055

46.	The pebbling number of 4-star graph,	ScienciaActaXaveriana,	Vol. 2, No. 2, (2011), 29-59.ISSN : 0976-1152
47.	Covering cover pebbling number for sun,	International Journal of Pure and Applied Sciences and Technology,	Vol. 5, No. 2, (2011), 109-118.ISSN:2229-6107
48.	Covering cover pebbling number of the odd Lollipop graph,	International Journal of Pure and Applied Sciences and Technology,	Vol. 5, No. 2, (2011), 77-83.ISSN:2229-6107
49.	Covering cover pebbling number of even Lollipop graph,	General Mathematics Notes,	Vol. 5, No. 2, (2011), 24-41.ISSN: 2219-7184
50.	On Pebbling Jahangir graph,	General Mathematics Notes,	Vol. 5, No. 2, (2011), 42-49.ISSN: 2219-7184
51.	Feature extraction in Medical Image using Ant colony Optimization: A Study	International Journal on Computer Science and Engineering,	Vol. 3, No.2, (2011), 714-721.
52.	Performance of Ant System over other Convolution Masks in Extracting Edge,	International Journal of Computer Applications,	Vol. 16, No. 3, (2011), 1-6.ISSN: 0975-8887
53.	GeneralisedPebbling Number,	International Mathematical Forum,	Vol. 5, No.27, (2010), 1331-1337. ISSN: 1312-7594
54.	Weight of a graph,	ScienciaActaXaveriana,	Vol. 1, No. 2, (2010), 85-91.ISSN : 0976-1152
55.	Some $V_4$ -Cordial Graphs,	ScienciaActaXaveriana,	Vol.1, No.1, (2010), 91-99.ISSN : 0976-1152
56.	, t-pebbling the product of Fan graphs and the product of wheel graphs,	International Mathematical Forum,	Vol. 4, No.32, (2009), 1573-1585.ISSN: 1312-7594
57.	Pebbling Number in Graphs,	Pure and Applied Mathematika sciences	XLIII, No.1-2, (1996), 73-79.ISSN: 0379-3169

<b>AS A RESOURCE PERSON (26)</b>			
<b>S. No</b>	<b>Name of the Event</b>	<b>Name of the Sponsoring Agency</b>	<b>Place and Date</b>
1.	DST sponsored National Seminar on Ramanujan-The Legend of Infinity	DST	St. Mary's College(Autonomous), Tuticorin & 14-16 Feb 2013

2.	National Seminar on “Application of Mathematics”	Fatima College (Autonomous), Madurai.	Madurai, September 2013
3.	Calculus- one of the supreme intellectual achievements of the ages	Don Bosco College, KeleEral, Tuticorin.	Tuticorin, October 2014
4.	National Seminar on “Recent Trends in Graph Theory and Number Theory”	Holy Cross College (Autonomous), Nagercoil- 629004, Kanyakumari.	Kanyakumari, 30.1.2017
5.	Academic Audit	Lady Doak College, Madurai	Madurai, 7.9.2016
6.	Autonomy Review	Sarahtucker College, Tirunelveli.	Tirunelveli, 31.1.2017
7.	Internal Quality Assurance Cell Meeting	St. Xavier’s College of Education, Palayamkottai.	Palayamkottai , 30.9.2016
8.	Internal Quality Assurance Cell Meeting	St. Xavier’s College of Education, Palayamkottai.	Palayamkottai , 10.3.2017
9.	Induction into Jesuit Higher Education for Newly Recruited Teaching Staff Tamil Nadu Jesuit Colleges 2016-17	St. Joseph’s College, Trichy.	Trichy, 8.6.2016
10.	Induction into Jesuit Higher Education for Newly Recruited Teaching Staff Tamil Nadu Jesuit Colleges 2016-17	Loyola College, Chennai.	Chennai, 11.6.2016
11.	Instructional Workshop on LaTeX	St. Mary’s College, Thoothukudi.	Thoothukudi, 22.9.2017



12.	International Conference on Advances in Applicable Mathematics	Bharathiar University, Coimbitore.	Coimbitore, 7 <sup>th</sup> &8 <sup>th</sup> December 2017
13.	Innovative Practices in Higher Educational Institutions	Popes College, Sawyarpuram.	Sawyarpuram, 4 <sup>th</sup> December 2017
14.	International Conference on Applications of Mathematics	St. Mary's College, Thoothukudi.	Thoothukudi, 11.01.2018
15.	Quality Enhancement Measures in HEIs	Nazareth Margoschis College, Pillaiyanmanai, Nazareth.	Nazareth, 9.12.2017
16.	Academic Audit	SRNM College, Sattur.	Sattur, October 2017
17.	Academic Audit	ANJA College, Sivakas.	Sivakas, October 2017
18.	National Conference on Algebra and Graph Theory	St. Xavier's College, Palayamkottai.	Palayamkottai, 15 <sup>th</sup> & 16 <sup>th</sup> February 2018
19.	Board of Studies Meeting	St. Mary's College, Thoothukudi.	Thoothukudi, 24.02.2018
20.	Validating NAAC SSR	Loyola College, Chennai	Chennai, 4,5 Sep 2019
21.	National Seminar	Government College(Autonomous), Rajahmundry, Andhra Pradesh	Andhra Pradesh, 30 September 2019
22.	Academic Audit	St. Xavier's College, Jaipur,	Rajasthan,

		Rajasthan	6 Dec 2019
23.	Accreditation by NAAC- Perspectives of New Manual	St. Xavier's College, Jaipur, Rajasthan	Rajasthan, 7 Dec 2019
24.	Validating NAAC SSR	Loyola College, Chennai	Chennai, 12 Dec 2019
25.	Validating NAAC SSR	Loyola College, Chennai	Chennai 2 Jan 2020
26.	Preparation of SSR	Loyola College, Chennai	Chennai 22 Jan 2020
27.	Board of Studies Meeting	St. Mary's College, Thoothukudi.	Thoothukudi, 24.02.2020
28.	NAAC sponsored National Seminar on Revised Accreditation Frame work	Sethu Institute of Technology, Kariapatty, Virudhunagar District Tamil Nadu	Virudhunagar, 27.02.2020
29.	Challenges in preparing NAAC SSR	Mar Athanacius College for Advance Studies, Kerala	Kerala March 2020
30.	NAAC Preparation	Courtrallam Parasakthi College, Tenkasi District Tamil Nadu	Tenkasi March 2020
31.	Seminar on Outcome Based Education	GVG College of Arts and Science, Udumalpet	Udumalpet March 2020
32.	Webinar on Outcome Based Education	St. Xavier's College of Education Tamil Nadu	8 <sup>th</sup> May 2020

33.	Webinar on Outcome Based Education	St. Xavier's College of Education Tamil Nadu	8 <sup>th</sup> May 2020
34.	Success of NAAC story	St. Joseph's College, Tiruchirappalli, Tamil Nadu	Tiruchirappalli, 15 <sup>th</sup> May 2020
35.	National Webinar entitled "Measures for Quality Enhancement and Sustenance in Higher Educational Institutes"	Visakha Government Degree College for Women, Visakhapatnam	Visakhapatnam 3 <sup>rd</sup> June, 2020
36.	7-Day(June 10 to June 15) Faculty Development program on RAF-A Paradigm Shift for Strategic Enhancement of Hr. Edn. In India	Rajapalayam Raju's College- Rajapalayam. Tamil Nadu	Rajapalayam 15 June 2020
37.	Webinar on Fuzzy systems and Graph Theory	Holy Cross College, Nagercoil, Tamil Nadu	Nagercoil, 18 <sup>th</sup> June 2020
38.	National Webinar on Outcome Based Education & Accreditation of Higher Education Institutions by NAAC	St. Ignatius College of Education, Palayamkottai, Tamil Nadu	Palayamkottai 30 <sup>th</sup> June 2020
39.	Outcome Based Education (OBE)	St. Xavier's College of Education, Palayamkottai	Palayamkottai , 08-04-2020
40.	National Webinar entitled "Measures for Quality Enhancement and Sustenance in Higher Educational Institutes"	Visakha Government Degree and PG College for Women, Visakhapatnam	Visakhapatnam 03-06-2020
41.	Seven- day FDP on RAF of NAAC- A Paradigm Shift for Strategic Engagement of	Rajapalayam Raju's College, Rajapalayam	Rajapalayam 09-06-2020

	Higher Education in India		
42.	National Webinar on “ Outcome Based Education & Accreditation of Higher Education Institutions by NAAC - Criteria I & II”	St. Ignatius College of Education(Autonomous), Palayamkottai, TN	Palayamkottai, 30-06-2020
43.	National Webinar on Knowledge gained through the challenging exercise in NAAC: SUCCESS STORY	St. Joseph’s College, Trichy	Trichy 15-05-2020
44.	National Webinar on "Fuzzy Systems and Graph Theory "	Holy Cross College (Autonomous), Nagercoil - 4.	Nagercoil 17 <sup>th</sup> & 18 <sup>th</sup> June 2020
45.	National Webinar on Revised NAAC Framework for Quality Engagement in Higher Education	Sethu Institute of Technology, Kariapatty, Virudhunagar, TN	Virudhunagar 27-28 Feb 2020
46.	Attainment of Outcomes in OBE	Sri G.V.G Visalaskhi College For Women, Udumalpet	Udumalpet 19 <sup>th</sup> March 2021 at 200
47.	Workshop on “ASSESSMENT AND ACCREDITATION PROCESS IN VIEW OF NEW RAF OF NAAC - EXPERIENCE SHARING”	Sacred Heart College (Autonomous), Tirupattur, Tirupattur Dt. – 635 601, Tamil Nadu	Tirupattur 21 July 2020
48.	Four Days Online National Workshop on "Intricacies of NAAC Assessment for Better Scoring"	ST. FRANCIS DE SALES COLLEGE Seminary Hills, Naglur - 440 006	Naglur 30 <sup>th</sup> July 2020
49.	A workshop on Construction of Outcome Based Objectives	St. Xavier’s College of Education, Palayamkottai	Palayamkottai 23 <sup>rd</sup> October 2020
50.	National Webinar on Best Practices	NAAC	31 <sup>st</sup> August 2020
51.	National webinar on importance of Mathematics	SMS Arts and Science College	01-12-2020
52.	Brainstorming on Assessment and Accreditation Framework of NAAC	Padmashree Management of Science and Technology, Bangalore And NAAC	Bangalore 12-03-2020
53.	“Fostering Social Responsibilities in Youth Extension & Outreach activities”	Sri G.V.G Visalaskhi College For Women, Udumalpet	Udumalpet 19 <sup>th</sup> March 2021 at 200

54.	Applications of Mathematics	St. Joseph's College, Trichy	Trichy 08-01-2021
55.	Mapping and Attainment of Outcome in OBE	M S UNIVERSITY Tirunelveli	Tirunelveli 17-08-21
56.	Capacity Development and Personality Development Programme for Women students	Centre for Women Empowerment and Women Studies M S UNIVERSITY Tirunelveli	Tirunelveli 03-12-21

**WEBMINARS/SEMINARS/ CONFERENCES / SYMPOSIA / WORKSHOP  
PAPER PRESENTED: National () International ()**

S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date

**WEBMINARS/SEMINARS/ CONFERENCES / SYMPOSIA / WORKSHOP  
CONDUCTED: National () International ()**

S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1.	National Conference on Emerging Trends in Pure and Applied Mathematics	UGC, DST,NBHM	St.Xavier's College Palayamkottai Jan 27-29, 2005
2.	National workshop on "ICT enabled Teaching-learning through Smart Class Room facility"	UGC	St.Xavier's College Palayamkottai 27 <sup>th</sup> September 2011
3.	Orientation Programme for Teachers on "Innovative Teaching Strategies for Students Centred Education"	St.Xavier's College (IQAC)	Palayamkottai 5 <sup>th</sup> July, 2014
4.	Orientation Programme for Teachers on "Classroom Management, Maintenance of	St.Xavier's College (IQAC)	Palayamkottai 21 <sup>st</sup> Aug, 2014

	Discipline and Teaching Skills”		
5.	National Seminar on “Innovations in Student-Centred Teaching-Learning Process in 21 <sup>st</sup> Century”	NAAC	St. Xavier’s College Palayamkottai Jan 29,30 <sup>th</sup> 2015
6.	International seminar on “New Dimentions on Mathematical Biology”	UGC	St. Xavier’s College Palayamkottai 18/12/15
7.	Teaching for Transformation	St.Xavier’s College Palayamkottai	Palayamkottai 10 <sup>th</sup> July, 2015
8.	Skill Orientation Programme for II UG & III UG Students	St.Xavier’s College Palayamkottai	Palayamkottai 10 <sup>th</sup> July, 2015
9.	SMART CLASS	UGC	St. Xavier’s College Palayamkottai 19 & 20 Aug 2015
10.	Training programme on preparing e-content	UGC	St. Xavier’s College Palayamkottai 12 to 15 Nov 2015
11.	National seminar on “Mathematical Analysis and Graph theory”	UGC	St. Xavier’s College Palayamkottai 10/03/16 To

			12/03/16
12.	Workshop on “Using Smart Board”	St.Xavier’s College (IQAC)	Palayamkottai 16 & 27 July 2016
13.	Workshop on “Recording Online course modules”	St.Xavier’s College (IQAC)	Palayamkottai 08 & 24 Aug 2016
14.	Orientation Programme for Teachers on “Millennium Psychology of Students”	St.Xavier’s College (IQAC)	Palayamkottai 14 & 15 June 2016
15.	Seminar on “Psychology of Students”	St.Xavier’s College (IQAC)	Palayamkottai 30.09. 2016
16.	Seminar was conducted for all students on the following topics:  1.Improving oneself towards a successful life; 2.Awareness about ill effects of alcoholism & Drug addiction; 3.Eight dimensions to excel in life.	St. Xavier’s College (IQAC)	Palayamkottai 30.09. 2016
17.	Training Programme for Teachers on “Life Skills and Soft Skills for Students”	St.Xavier’s College (IQAC)	Palayamkottai 22 & 23 Nov 2016
18.	Counseling and Mentoring	St. Xavier’s College	Palayamkottai 19.06.2017 & 20.06.2017
19.	Orientation Programme was conducted for III UG & II PG students on the following topics:  1.Self-confidence; 2.Capacity Building; 3.Accepting&Discovering oneself;	St. Xavier’s College	Palayamkottai 19.06.2017 & 20.06.2017

	4. Path of Attraction; 5. How to handle the emotions; 6. How to succeed in life; 7. Love Language		
20.	Orientation Programme for non teaching staff	St. Xavier's College	Palayamkottai 11.06.2019
21.	Orientation Programme for Junior teaching staff	St. Xavier's College	Palayamkottai 12.06.2019
22.	Orientation Programme for teaching staff	St. Xavier's College	Palayamkottai 13.06.2019 & 14.06.2019
23.	Online Training Programme on Outcome Based Education and Student Centred Teaching Technology	St. Xavier's College	Palayamkottai 8 <sup>th</sup> & 9 <sup>th</sup> of June 20
24.	International webinar on Accelerating Education 4.0-using ICT tools-POST COVID PARADIGM	St. Xavier's College	Palayamkottai 17 <sup>th</sup> & 18 <sup>th</sup> June 2020
25.	National webinar on " COVID-19 & Save the Environment "	St. Xavier's College	Palayamkottai 26 <sup>th</sup> June 2020
26.	National webinar on "COVID-a hidden war in open field"	St. Xavier's College	Palayamkottai 29 <sup>th</sup> June 2020
27.	National Level Webinar on "Online Education- Obstacles and Solutions"	St. Xavier's College	Palayamkottai 16 <sup>th</sup> July 2020
28.	Level Webinar on "ICT tools for Teaching-Learning"	St. Xavier's College	Palayamkottai 23 <sup>rd</sup> & 24 <sup>th</sup> July 2020.
29.	Webinar on National Education Day	St. Xavier's College	Palayamkottai 11 <sup>th</sup> November



			2020
30.	IQAC organized St. Francis Xavier feast day celebration	St. Xavier's College	Palayamkottai
31.	Webinar on 21st Century skills for our students in collaboration with the British Council	St. Xavier's College	Palayamkottai 31 Jul 2020.
32.	Training programme on "Conducting Online Classes" for our teachers	St. Xavier's College	Palayamkottai 3rd August 2020.
33.	ONLINE ORIENTATION PROGRAMME for I U.G students	St. Xavier's College	Palayamkottai 21.08.2020
34.	Awareness programme on National Education Policy for the first year and second year UG students	St. Xavier's College	Palayamkottai 28.08.2020
35.	National Education Policy for the final year UG & PG students	St. Xavier's College	Palayamkottai 29.08.2020
36.	National Education Policy for both teaching and non-teaching staff	St. Xavier's College	Palayamkottai 27 <sup>th</sup> August 2020.
37.	Demonstration on Non-Major Elective (NME) Courses selection process for all I UG students	St. Xavier's College	Palayamkottai 2 <sup>nd</sup> September 2020.
38.	Webinar on Employability Skills for the Future	St. Xavier's College	Palayamkottai 3 <sup>rd</sup> September 2020
39.	The MoU signed with Laboratory of Nanoscale Energy and Surface Engineering, Department of Engineering and Innovation Materials Engineering, The Open University, United Kingdom.	St. Xavier's College	Palayamkottai 17-09-2020
40.	Virtual Power Seminar on BORN TO SUCCEED	St. Xavier's College	Palayamkottai 05-11-2020

<b>WEBMINARS/SEMINARS/ CONFERENCES / SYMPOSIA / WORKSHOP ATTENDED:</b>			
<b>S. No</b>	<b>Name of the Event</b>	<b>Name of the Sponsoring Agency</b>	<b>Place and Date</b>
1.	National Conference on Emerging Trends in Pure and Applied Mathematics	UGC, DST,NBHM	St.Xavier's College Palayamkottai Jan 27-29, 2005
2.	National workshop on "ICT enabled Teaching-learning through Smart Class Room facility"	UGC	St.Xavier's College Palayamkottai 27 <sup>th</sup> September 2011
3.	National Seminar on "Innovations in Student-Centred Teaching-Learning Process in 21 <sup>st</sup> Century"	NAAC	St.Xavier's College Palayamkottai Jan 29,30 <sup>th</sup> 2015
4.	International seminar on "New Dimentions on Mathematical Biology"	UGC	St.Xavier's College Palayamkottai 18/12/15
5.	Teaching for Transformation	St.Xavier's College Palayamkottai	Palayamkottai 10 <sup>th</sup> July, 2015
6.	Skill Orientation Programme for II UG & III UG Students	St.Xavier's College Palayamkottai	Palayamkottai 10 <sup>th</sup> July, 2015
7.	SMART CLASS	UGC	St.Xavier's College Palayamkottai 19 & 20 Aug 2015
8.	Training programme on preparing e-content	UGC	St.Xavier's College Palayamkottai 12 to 15 Nov 2015
9.	National seminar on "Mathematical Analysis and	UGC	St.Xavier's College Palayamkottai

	Graph theory”		10/03/16 To 12/03/16
10.	Workshop on “Using Smart Board”	St.Xavier’s College (IQAC)	Palayamkottai 16 & 27 July 2016
11.	Workshop on “Recording Online course modules”	St.Xavier’s College (IQAC)	Palayamkottai 08 & 24 Aug 2016
12.	Seminar on “Psychology of Students”	St.Xavier’s College (IQAC)	Palayamkottai 30.09. 2016
13.	Seminar was conducted for all students on the following topics: 1.Improvingonself towards a successful life; 2.Awareness about ill effects of alcoholism & Drug addiction; 3.Eight dimensions to excel in life.	St. Xavier’s College (IQAC)	Palayamkottai 30.09. 2016
14.	Training Programme for Teachers on “Life Skills and Soft Skills for Students”	St.Xavier’s College (IQAC)	Palayamkottai 22 & 23 Nov 2016
15.	Counseling and Mentoring	St. Xavier’s College	Palayamkottai 19.06.2017 & 20.06.2017
16.	Functional Analysis and its applications	U.G.C	St.Joseph’s College, Trichy. 8 <sup>th</sup> May –4 <sup>th</sup> June 1989
17.	Seminar on Algorithm graph theory	UGC	St.Xavier’s College, Palayamkottai.

			29 <sup>th</sup> &30 <sup>th</sup> September 1990
18.	Computer Usage and Training	AICTE	American College, Madurai. 2 <sup>nd</sup> – 9 <sup>th</sup> June 1991
19.	National seminar for college lecturers and Religious education of youth		1 <sup>st</sup> – 11 <sup>th</sup> May 1991
20.	Towards new social order	Jesuit colleges of Tamil Nadu	9 <sup>th</sup> &10 <sup>th</sup> November 1991
21.	Four phase course on student guidance and counseling	M.S University	M.S University, Tirunelveli 1992-93
22.	Effective communication skills	St.Xavier's College, Palayamkottai.	St.Xavier's College, Palayamkottai. 21 <sup>st</sup> April 1993
23.	Orientation Course		3 <sup>rd</sup> – 30 <sup>th</sup> June 1993
24.	Graph Theory and its Applications	M.S University	M.S University, Tirunelveli 17 <sup>th</sup> October 1993
25.	Algebra, Number Theory and their applications to Graph Theory	M.S University	M.S University, Tirunelveli 3 <sup>rd</sup> & 4 <sup>th</sup> April 1994
26.	Diversification of curriculum and credit system	St.Xavier's College, Palayamkottai.	St.Xavier's College, Palayamkottai. 27 <sup>th</sup> & 28 <sup>th</sup> January 1995

27.	National Workshop on Graph Theory and its Applications	M.S University	M.S University, Tirunelveli 21 <sup>st</sup> - 27 <sup>th</sup> February 1996
28.	National seminar on Mathematical Modeling and Computer simulation for Real life Situations	St.Xavier's College, Palayamkottai.	St.Xavier's College, Palayamkottai. 27 <sup>th</sup> – 29 <sup>th</sup> August 1996
29.	Workshop on Effective Classroom Communication	Campus Diversity Initiative	St.Xavier's College, Palayamkottai. 5 <sup>th</sup> & 6 <sup>th</sup> September 1997
30.	Refresher Course in Mathematics	M.K University	M.S University, Tirunelveli 3 <sup>rd</sup> – 25 <sup>th</sup> October 1997
31.	National Conference on Discrete Mathematics and its Applications	M.S University	M.S University, Tirunelveli 5 <sup>th</sup> – 7 <sup>th</sup> January 2000
32.	Refresher Course in Mathematics	U.G.C	Holy Cross College, Nagercoil 6 <sup>th</sup> – 28 <sup>th</sup> January 2001
33.	Refresher Course in Statistics	U.G.C	M.S University, Tirunelveli 15 <sup>th</sup> February – 7 <sup>th</sup> March 2002
34.	National Conference on Emerging Trends in pure and	UGC,DST,NBHM	St.Xavier's College, Palayamkottai

	Applied Mathematics		27 <sup>th</sup> – 29 <sup>th</sup> January 2005
35.	State Level Conference on Modern Trends in Mathematics	Dept. of Mathematics, St.Mary's College, Tuticorin.	Tuticorin. 25 <sup>th</sup> February 2005
36.	National Seminar on Quality Sustenance & Quality Enhancement in the Post- Accreditation Context	NAAC	9 <sup>th</sup> &10 <sup>th</sup> September 2005
37.	Seminar on Algorithms	St.Xavier's College, Palayamkottai	St.Xavier's College, Palayamkottai February 2006
38.	Seminar on Graph Theory	St.Xavier's College, Palayamkottai	St.Xavier's College, Palayamkottai February 2007
39.	Seminar on Function Theory & Analysis	St.Xavier's College, Palayamkottai	St.Xavier's College, Palayamkottai 25 <sup>th</sup> January 2008
40.	Seminar on Teacher Empowerment for Classroom Effectiveness	U.G.C	St.Xavier's College, Palayamkottai 1 <sup>st</sup> & 2 <sup>nd</sup> February 2008
41.	Conference on Matlab, Latex and Digital Topology	St.Xavier's College, Palayamkottai	Palayamkottai
42.	National Conference on Fuzzy Theory and its applications	St.Xavier's College, Palayamkottai	Palayamkottai
43.	National Conference on Quality Initiatives for Student Support and Progression	NAAC	St.Xavier's College, Palayamkottai 4 <sup>th</sup> & 5 <sup>th</sup> December

			2009
44.	National Conference on Recent Advancements in Mathematics	CSIR	St.Xavier's College, Palayamkottai 19 <sup>th</sup> &20 <sup>th</sup> February 2010
45.	National workshop on "ICT enabled Teaching-learning through Smart Class Room facility"	UGC	St. Xavier's College, Palayamkottai 27 <sup>th</sup> September 2011
46.	Workshop for Officials and Leaders in Jesuit Colleges in Tamil Nadu	Jesuit Higher Education	St. Joseph's College(Autonomous ) Trichy. 5 <sup>th</sup> October 2011.
47.	National Seminar on Environmental Education	UGC	St. Xavier's College Palayamkottai 10-11, January2013
48.	National Seminar on Ramanujan-The Legend of Infinity	DST	St.Mary's College(Autonomous 14 Feb2013
49.	Orientation Programme for Teachers on "Innovative Teaching Strategies for Students Centred Education"	St.Xavier's College (IQAC)	Palayamkottai. 5 <sup>th</sup> July, 2014
50.	National Seminar on "Innovations in Student Centered Teaching – Learning Process in 21 <sup>st</sup> Century"	NAAC	St.Xavier's College Palayamkottai 29 & 30 Jan 2015

51.	Orientation Programme for Teachers on “Classroom Management, Maintenance of Discipline and Teaching Skills”	St.Xavier’s College (IQAC)	Palayamkottai. 21 <sup>st</sup> Aug, 2014
52.	National Conference on “Recent Advances in Pure and Applied Mathematics”	UGC	St.Xavier’s College Palayamkottai 03.09.2014
53.	Teaching for Transformation	St.Xavier’s College	Palayamkottai. 10 <sup>th</sup> July, 2015
54.	SMART CLASS	UGC	St.Xavier’s College Palayamkottai 19 & 20 Aug 2015
55.	Training programme on preparing e-content	UGC	St.Xavier’s College Palayamkottai 12 to 15 Nov 2015
56.	National Conference on “Mathematical Analysis and Graph Theory”	St. Xavier’s College	Palayamkottai. 25 to 27 Feb 2016
57.	Using Smart Board for preparing On-line course material	St. Xavier’s College	Palayamkottai. 16.07.2016 to 17.07.2016 &18.07.2016 to 27.07.2016
58.	Recording On-line course modules	St. Xavier’s College	Palayamkottai. 08.08.2016 to 24.08.2016
59.	Seminar for Teachers on “Psychology of Students”	UGC	30.09.2016



60.	Life Skills & Soft Skills	St. Xavier's College	Palayamkottai. 22.11.2016 &23.11.2016
61.	Orientation Programme for Teachers on "Millennium Psychology of Students"	St.Xavier's College (IQAC)	Palayamkottai. 14 & 15 June 2016
62.	Seminar on "Psychology of Students"	St.Xavier's College (IQAC)	Palayamkottai. 30.09. 2016
63.	Recent Trends in Graph Theory and Number Theory	UGC	Holy Cross College, Nagercoil 30.01. 2017
64.	Counseling and Mentoring	St. Xavier's College	Palayamkottai. 19.06.2017 & 20.06.2017
65.	National Conference on "Recent advances in Fuzzy Mathematics an Applications"	St. Xavier's College	Palayamkottai. 9.02.2017 & 10.02.2017
66.	National Conference on Algebra and Graph Theory	St. Xavier's College	Palayamkottai. 15 <sup>th</sup> & 16 <sup>th</sup> February 2018
67.	One Day Sensitization Program on Revised NAAC Accreditation Framework	NAAC, Bengaluru.	Manonmaniam Sundaranar University, Tirunelveli. 29.12.2018
68.	Instructional School Emerging trends in Advanced Mathematics – ISETAM 2019	NBHM	St. Mary's College, Thoothukudi. 11.02.2019-

			12.02.2019
69.	NAAC Accreditation meeting	Regional Director Office, Tirunelveli.	Rani Anna Government College For Women , Tirunelveli.  09.01.2019
70.	International Congress of Mathematicians	DST and Govt. of India	Hyderabad,  19 <sup>th</sup> – 27 <sup>th</sup> August, 2010
71.	International Conference on Advances in Applicable Mathematics	Bharathiar University & Canara Bank	Coimbitore 7 <sup>th</sup> & 8 <sup>th</sup> December 2017
72.	International Conference on Applications of Mathematics	St. Mary's College	Thoothukudi.  11.01.2018
73.	International Workshop on Combinatorial methods in graph theory:	Amrita Vishwa Vidyapeetham Amritanagar, Ettimadai- Post Coimbatore-641112 India.	Coimbatore  14 July 2022

<b>INTERNATIONAL CONGRESS ATTENDED:</b>			
<b>S. No</b>	<b>Name of the Event</b>	<b>Name of the Sponsoring Agency</b>	<b>Place and Date</b>
1.	International Congress of Mathematicians	DST and Govt. of India	International Convention Center (University of Hyderabad), Hyderabad.  19 <sup>th</sup> – 27 <sup>th</sup> August, 2010

**COUNTRIES VISITED**

Visited **Dubai** from 12<sup>th</sup> November 2019 to 18<sup>th</sup> November 2019 and attended the Multi-disciplinary International conference in Dubai with presenting a paper

**EXPERT MEMBER IN THE SWATCCHATA RANKING INITIATIVE OF MHRD/UGC**

Acted as UGC Visiting Committee member for Swatcchata Ranking to assess the Institutions on 3<sup>rd</sup> September 2019:

1. Manonmaniam Sundaranar University, Tirunelveli
2. J P College of Education, Alangulam

**Date: 10-07-2023**

**Name: Dr. A. Lourdusamy**