

# RESUME



**Name: F. Patrick**  
**Designation: Assistant Professor**  
**Department: Mathematics**  
**Address: St. Xavier's College (Autonomous), Palayamkottai.**

## PERSONAL DETAILS

Date of Birth : 09/05/1991  
Qualification : M.Sc., B.Ed., M.Phil., Ph.D., PGDDA  
Designation : Assistant Professor  
Department : Mathematics  
Community : BC  
Religion : Christian  
Nationality : India  
Mobile : 9600678253  
Email ID : patrick881990@gmail.com

## ACADEMIC QUALIFICATIONS

Degree	Specialization	College	University	Year of Passing
B.Sc.	Mathematics	St. Joseph's College, Trichy	Bharathidasan University, Trichy	2011

B.Ed.	Mathematics	St. Xavier's College of Education, Palayamkottai	Tamil Nadu Teachers Education University, Chennai	2012
M.Sc.	Mathematics	St. Joseph's College, Trichy	Bharathidasan University, Trichy	2014
M.Phil.	Mathematics	St. Xavier's College, Palayamkottai	Manonmaniam Sundaranar University, Tirunelveli	2015
Ph.D.	Mathematics	St. Xavier's College, Palayamkottai	Manonmaniam Sundaranar University, Tirunelveli	2018
PGDDA	Data Analytics	Kongunadu Arts and Science College, Coimbatore	Bharathiyar University, Coimbatore.	2022

### ACADEMIC IDENTITY

*VIDWAN ID	287501
*ORCID ID	0000-0001-7895-4937
*SCOPUS ID	57189339891
*RESEARCHER ID/ PUBLONS ID	B-6472-2017
GOOGLE SCHOLAR LINK	<a href="https://scholar.google.com/citations?user=HPm7TqkAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=HPm7TqkAAAAJ&amp;hl=en</a>

### TEACHING EXPERIENCE

<b>Date of Appointment</b>	01.04.2021
<b>Date of Retirement</b>	-
<b>Teaching Experience</b>	UG 1 year
	PG -
	M.Phil. -
<b>Research</b>	Guided M Phil: - Guided Ph D: - Guiding Ph Scholar: -

COURSES/CLASSES TAUGHT	NAME OF THE INSTITUTIONS	DURATION		Years
		From	To	
B.Sc. Mathematics	Kokila College of Arts and Science, Viralimalai	01.04.2021	31.08.2021	5 Months
B.Sc. Mathematics	Aadhavan College of Arts and Science, Aalathur	01.09.2021	16.07.2022	10 Months 16 Days
B.Sc. Mathematics	St. Xavier's College, Palayamkottai	18.07.2022	Present	

AWARDS RECEIVED	
1.	Nil

ADMINISTRATIVE EXPERIENCE			
S. No	DESIGNATION	INSTITUTIONS	YEAR
1.	Nil	Nil	Nil

MEMBERSHIP		
S. No	Designation	Particulars
1.	Nil	Nil

#### ORIENTATION / REFRESHER COURSES / FACULTY DEVELOPMENT PROGRAMME UNDERGONE(2)

S. No	Name of the Training	Name of the Sponsoring Agency	Place and Date
1.	Orientation Programme for Teachers	St. Xavier's College, Palayamkottai.	St. Xavier's College, Palayamkottai. 16.07.2022& 17.07.2022
2.	SXC-Centenary-Faculty Empowerment Programme	St. Xavier's College, Palayamkottai	St. Xavier's College, Palayamkottai. 23.07.2022

#### DETAILS OF RESEARCH WORK

Research Stages	Title of the Thesis	University where the work was carried
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		<b>out</b>
Ph.D.	A Study on Pebbling and Labeling in Graphs	Manonmaniam Sundaranar University, Tirunelveli

<b>AREAS OF RESEARCH</b>
Graph Labeling
Graph Pebbling

<b>RESEARCH PROJECTS CARRIED OUT</b>			
<b>S. No</b>	<b>Title of the Project (Minor)</b>	<b>Name of the Funding Agency &amp; Amount</b>	<b>Duration</b>
1.	Nil	Nil	Nil

<b>PUBLICATIONS</b>				
<b>BOOKS</b>	<b>BOOK CHAPTERS</b>	<b>SCOPUS</b>	<b>WEB OF SCIENCE</b>	<b>UGC LISTED</b>
<b>0</b>	<b>0</b>	<b>18</b>	<b>12</b>	<b>2</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>7</b>	<b>0</b>	<b>4</b>	<b>53</b>	

<b>PUBLICATIONS: BOOKS (0)</b>			
<b>S. No</b>	<b>Title of the Book</b>	<b>Publication</b>	<b>Year</b>
1.	Nil	Nil	Nil

<b>BOOK CHAPTERS (0)</b>			
<b>S. No</b>	<b>Title of the Paper</b>	<b>Name of the Book</b>	<b>ISSN No., Pg.No</b>
1.	Nil	Nil	Nil

<b>PUBLICATIONS: SCOPUS INDEXED JOURNALS (18) WEB OF SCIENCE (12)</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.	Sum divisor cordial graphs	Proyecciones Journal of Mathematics	ISSN: 0716-0917, Vol. 35, No.1, (2016), 119-136.

2.	The t-pebbling number of some wheel related graphs	Journal of Prime Research in Mathematics	ISSN: 1817-3462, Vol. 12, (2016), 35-44.
3.	Sum divisor cordial labeling for star and ladder related graphs	Proyecciones Journal of Mathematics	ISSN: 0716-0917, Vol. 35, No.4, (2016), 437-455.
4.	New Construction on SD-Prime Cordial Labeling	Lecture Notes in Computer Science	ISSN: 1611-3349, Vol. 10398, (2017), 134-143
5.	Some Results on SD-Prime Cordial Labeling	Proyecciones Journal of Mathematics	ISSN: 0716-0917, Vol. 35, No. 4, (2017), 601-614.
6.	Vertex Equitable Labeling for Ladder and Snake Related Graphs	Journal of Prime Research in Mathematics	ISSN: 1817-3462, Vol. 13, (2017), 01-07.
7.	Even Vertex Equitable Even Labeling for Snake related graphs	Proyecciones Journal of Mathematics	ISSN: 0716-0917, Vol. 38, No.1, (2019), 177-189.
8.	Even Vertex Equitable Even Labeling for Cycle related graphs	Kragujevac Journal of Mathematics	ISSN: 2406-3045, Vol. 43, No.3, (2019), 427-441.
9.	The t-Pebbling Number of Lamp graph	Proyecciones Journal of Mathematics	ISSN: 0716-0917, Vol. 37, No.3, (2018), 505-519.
10.	Even Vertex Equitable Even Labeling for corona and $T_p$ tree related graphs	Utilitas Mathematica	ISSN: 0315-3681, Vol. 110, (2019), 223-242. IF: 0.288
11.	Group $S_3$ cordial remainder labeling	International Journal of Recent Technology and Engineering	ISSN: 2277-3878, Vol. 8, No. 4, (2019), 8276-8281.
12.	Sum Divisor Cordial Labeling for Path and Cycle Related Graphs	Journal of Prime Research in Mathematics	ISSN: 1817-3462, Vol. 13, (2019), 101-114.
13.	Group $S_3$ cordial remainder labeling of subdivision of graphs	Journal Applied Mathematics and Informatics	ISSN: 2234-8417, Vol. 38, No. 3-4, (2020), pp. 221-238.
14.	Several result on group $S_3$ cordial remainder labeling	AIP Conference Proceedings	ISSN: 1551-7616, Vol. 2261, No. 1, (2020), pp. 030035-1 -- 030035-10
15.	Group $S_3$ cordial remainder labeling for	Journal Applied Mathematics and	ISSN: 2234-8417, Vol. 39, No. 1-2, (2021), pp. 223-237.

	path and cycle related graphs	Informatics	
16.	Group $S_3$ cordial remainder labeling for wheel and snake related graphs	Jordan Journal of Mathematics and Statistics	ISSN: 2227-5487, Vol. 14, No. 2, (2021), pp. 267-282.
17.	Some results on group $S_3$ cordial remainder labeling	Palestine Journal of Mathematics	ISSN: 2219-5688, Vol. 11, No. 2, (2022), pp. 511-520.
18.	Several results on sum divisor cordial labeling	Jordan Journal of Mathematics and Statistics	ISSN: 2227-5487(Accepted)

#### PUBLICATIONS: UGC LISTED JOURNALS (2)

S. No	Title of the Paper	Name of the Journal	ISSN No., Volume, Issue, Impact factor & Pg. No
1.	Even Vertex Equitable Even Labeling	International Journal of Pure and Applied Mathematics	ISSN:1314-3395, Vol. 117, No. 12, (2017), 19-25.
2.	On SD-Prime Cordial Labeling	International Journal of Pure and Applied Mathematics	ISSN:1314-3395, Vol. 117, No. 11, (2017), 221-228.

#### PUBLICATIONS: OTHER INDEXED JOURNALS (7)

S. No	Title of the Paper	Name of the Journal	ISSN No., Volume, Issue, Impact factor & Pg.No
1.	Even vertex equitable even labeling	Scientia Acta Xaveriana	ISSN: 0976-1152, Vol. 7, No.1, (2016), 37-46.
2.	Even vertex equitable even labeling for path related graphs	Scientia Acta Xaveriana	ISSN: 0976-1152, Vol. 7, No.1, (2016), 47-56.
3.	Even Vertex Equitable Even Labeling of Path and Bistar Related Graphs	Information Sciences and Computing	ISSN: 2321-8215, Volume 2016, Article ID ISC650716, 1-9.
4.	Odd Vertex Equitable Even Labeling of Quadrilateral Snake Related Graphs	Scientia Acta Xaveriana	ISSN: 0976-1152, Vol. 8, No.1, (2017), 1-14.
5.	On SD-Harmonious Labeling	Mapana Journal of Sciences	ISSN: 0975-3303, Vol. 17, No.3, (2018), 1-15.
6.	Even Vertex Equitable Even Labeling for Tree related graphs	Scientia Acta Xaveriana	ISSN: 0976-1152, Vol. 9, No.2, (2018), 55-62.

7.	Group $S_3$ cordial difference labelling	Journal Applied & Pure Mathematics	ISSN: 2636-1612, Vol. 3, No. 3-4, (2021), pp. 151-159.
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**AS A RESOURCE PERSON (0)**

S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1.	-	-	-

**WEBMINARS/SEMINARS/ CONFERENCES / SYMPOSIA / WORKSHOP  
PAPER PRESENTED: National (1) International (3)**

S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1.	International Conference on Applications of Mathematics	St. Mary's College, Thoothukudi.	St. Mary's College, Thoothukudi. 11 <sup>th</sup> January 2018
2.	International Conference on Advances in Applicable Mathematics	Bharathiar University & Canara Bank	Bharathiar University, Coimbatore. 7 <sup>th</sup> & 8 <sup>th</sup> December 2017
3.	International Conference on Theoretical Computer Science and Discrete Mathematics	NBHM, SERB, CSIR	Kalasalingam University, Krishnankovil. 19 - 21 December 2016
4.	National Conference on Applications of Mathematics- Recent Trends	Rev. Dr. A. Albert Muthumalai S.J. Endowment	St. Joseph's College, Tiruchirappalli. 15 <sup>th</sup> & 16 <sup>th</sup> December, 2016

**WEBMINARS/SEMINARS/ CONFERENCES / SYMPOSIA / WORKSHOP  
ATTENDED:**

S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1.	National Seminar on Emerging Trends in Pure and Applied Mathematics	UGC	Pope's College, Sawyerpuram. 24 <sup>th</sup> & 25 <sup>th</sup> July 2014.
2.	National Conference on Recent Advances in Pure and Applied Mathematics	UGC	St. Xavier's College, Palayamkottai. 3 <sup>rd</sup> & 5 <sup>th</sup> September 2014

3.	E-Resources and Open Resources for Research	St. Xavier's College, Palayamkottai.	St. Xavier's College, Palayamkottai. 10 <sup>th</sup> October 2014
4.	State Level Seminar on Analysis and Topology	UGC	Sadakathullah Appa College, Tirunelveli. 30 <sup>th</sup> January 2015
5.	National Conference on Mathematical Analysis and Graph Theory	UGC	St. Xavier's College, Palayamkottai. 10-12 <sup>th</sup> March 2016
6.	State Level Workshop Mini Course on LaTeX	S.S. Pillai Endowment for Research in Mathematics	V. O. Chidambaram College, Thoothukudi. 22 <sup>nd</sup> &23 <sup>rd</sup> September 2016
7.	National Conference on Applications of Mathematics-Recent Trends	Rev. Dr. A. Albert Muthumalai S.J. Endowment	St. Joseph's College, Tiruchirappalli. 15 <sup>th</sup> &16 <sup>th</sup> December, 2016
8.	International Conference on Theoretical Computer Science and Discrete Mathematics	NBHM, SERB, CSIR	Kalasalingam University, Krishnankoil. 19 - 21 December 2016
9.	National Seminar on Emerging Trends in Pure and Applied Mathematics	St. John's College, Palayamkottai.	St. John's College, Palayamkottai. 6 <sup>th</sup> January 2017
10.	National Seminar on Recent Trends in Graph Theory and Number Theory	Holy Cross College, Kanyakumari.	Holy Cross College, Kanyakumari. 30 <sup>th</sup> January 2017
11.	National Conference on Recent Advances in Fuzzy Mathematics and Applications	St. Xavier's College, Palayamkottai.	St. Xavier's College, Palayamkottai. 9 <sup>th</sup> & 10 <sup>th</sup> February 2017
12.	International Conference on Advances in Applicable Mathematics	Bharathiar University & Canara Bank	Bharathiar University, Coimbatore. 7 <sup>th</sup> & 8 <sup>th</sup> December 2017
13.	International Conference on Applications of Mathematics	St. Mary's College, Thoothukudi.	St. Mary's College, Thoothukudi. 11 <sup>th</sup> January 2018
14.	National Seminar on Recent Developments in Mathematics	St. Xavier's College, Palayamkottai.	St. Xavier's College, Palayamkottai. 11 <sup>th</sup> March 2018
15.	Two Day Online Course on Arithmetic Ability	RajapalayamRajus' College, Rajapalayam	Online 23 <sup>rd</sup> and 24 <sup>th</sup> April 2020
16.	Online National Workshop on Basics of Documentation using	Stella Maris College (Autonomous), Chennai	Online 24, 25, 29 & 30 April



	Latex		2020
17.	Two weeks free online course on Basic of MATLAB	K.S. Rangasamy College of Arts and Science (Autonomous), Tiruchengode	Online 22 <sup>nd</sup> April – 5 <sup>th</sup> May 2020
18.	International Webinar on "Mathematical Modeling and Multidisciplinary Mathematics"	Indian Institute of Teacher Education, Gujarat.	Online 2 <sup>nd</sup> and 3 <sup>rd</sup> May 2020
19.	Two Days Online Workshop on 'Fuzzy logic and neural network approaches for engineering solutions'	Journal of Advanced Engineering Research & powered by hexacube India	Online 3 <sup>rd</sup> and 4 <sup>th</sup> May 2020
20.	Five days online workshop on 'Mathematical Sciences for CSIR-NET/ SET/ GATE'	Sree Narayana Guru College, Coimbatore	Online 11 <sup>th</sup> – 15 <sup>th</sup> May 2020
21.	Two days International Webinar on 'Recent research Topics in Graph Theory'	MES Mampad College (Autonomous), Kerala	Online 20 <sup>th</sup> and 21 <sup>st</sup> May 2020
22.	Introduction to Graphs from Algebraic Structures	G.T.N. Arts College (Autonomous), Dindigul	Online 22 <sup>nd</sup> May 2020
23.	Two days online Webinar on "Partial Differential Equations: Theory & Applications"	Nirmala College for Women, Coimbatore	Online 25 <sup>th</sup> & 26 <sup>th</sup> May 2020
24.	Webinar on Recent Research Directions in Distance in Graphs	Ayya Nadar Janaki Ammal College (Autonomous), Sivakasi	Online 28 <sup>th</sup> May 2020
25.	One day webinar on Graphs in Life	Don Bosco College of Arts and Science, KeelaEral, Thoothukudi	Online 29 <sup>th</sup> May 2020.
26.	Webinar on "Applications of Mathematics in Engineering"	Jodhpur Institute of Engineering and Technology, Jodhpur	Online 9 <sup>th</sup> June 2020
27.	Webinar on "An insight to Chemical Graph Theory and its Applications"	Sri KanyakaParameswari Arts & Science College for Women, Chennai	Online 10 <sup>th</sup> June 2020
28.	"One Day National Webinar on Graph Theory"	Government Arts College (Grade-1), Chidambaram	Online 12 <sup>th</sup> June 2020
29.	National webinar on Recent Advancements in Graph Theory	Hemchandracharya North Gujarat University Patan	Online 16 <sup>th</sup> June 2020
30.	One day webinar on "Graph Embedding"	Don Bosco College of Arts and Science,	Online 16 <sup>th</sup> June 2020

		KeelaEral,Thoothukudi	
31.	International web conference on ‘Advances in Mathematics’	St. Mary’s College, Thoothukudi	Online 17 <sup>th</sup> – 19 <sup>th</sup> June 2020
32.	National Webinar on ‘Theory of graphs – An Emerging field of Research’	Thiagarajar College, Madurai	Online 20 <sup>th</sup> June 2020
33.	Three Days National Level Faculty Development Program on ‘How to Crack CSIR-NET & SET in Mathematics’	Dr. N. G. P. Institute of Technology, Coimbatore	Online 24 <sup>th</sup> - 26 <sup>th</sup> June 2020
34.	The webinar on "The Vertex Steiner Number of a Graph"	S. A. Engineering College, Chennai.	Online 30 <sup>th</sup> June 2020
35.	Webinar on Applications of Statistics	Michael Job College of Arts and Science for Women	Online 18 <sup>th</sup> August 2020
36.	International conference on “Graph Labeling and Applications ICGLA-2020”	Goa university, Goa, India.	Online 17 <sup>th</sup> and 19 <sup>th</sup> September 2020.
37.	Webinar on Operations Research & Its Applications	The Oxford College of Engineering, Bengaluru	Online 30 <sup>th</sup> June 2021
38.	National Webinar on “Matrix in Real Life”	Seth KesarimalPorwal College of Arts and Science and Commerce, Nagpur, Maharashtra.	Online 23 <sup>rd</sup> July 2021
39.	National Webinar on “Introduction to Mathematica”	Seth KesarimalPorwal College of Arts and Science and Commerce, Nagpur, Maharashtra.	Online 3 <sup>rd</sup> August 2021
40.	Two Days National Level Workshop on “SageMath for Calculus”	Dwaraka Doss Goverdhan Doss Vaishnav College, Chennai	Online 5 <sup>th</sup> & 6 <sup>th</sup> August 2021.
41.	“A Special Lecture on Labeling and Coloring in Graphs”	St.Mary’s Mathematics Research Forum, St. Mary’s College, Thoothukudi	Online 17 <sup>th</sup> August 2021.
42.	Two days National Webinar on Dominations in Graphs	C. Abdul Hakeem College, Melvisharam	Online 17 <sup>th</sup> & 18 <sup>th</sup> August 2021
43.	Webinar on Graph Theoretical Concepts in Python Network “X”	KSG College Art and Science, Coimbatore	Online 23 <sup>rd</sup> August 2021

44.	Three days online workshop for “Python Programming for Data Science”	Harcourt Butler Technical University, Kanpur.	Online 20 <sup>th</sup> – 22 <sup>nd</sup> October 2021
45.	Online Webinar on “Some interesting concepts in graph”	Rose Mary College of Arts and Science, Tirunelveli.	Online 08.02.2022
46.	National Seminar on “Current Scenario in Graph Theory and its Applications” under DBT Star College Scheme	V.V.Vanniaperumal College for Women, Virudhunagar.	Online 11.02.2022
47.	Two days National Workshop on “Introduction to Data Analysis using Excel & SPSS”	Royal College of Arts, Science and Commerce, Thane.	Online 21 <sup>st</sup> & 22 <sup>nd</sup> February, 2022
48.	International Conference on Mathematics, Statistics and Data Science (ICMSDS-2022)	Mahatma Gandhi University, Kottayam, Kerala.	Online 26 <sup>th</sup> & 27 <sup>th</sup> February, 2022
49.	National Webinar on “Python Programming: Mathematics Perspective”	KoneruLakshmaiah Education Foundation, Hyderabad.	Online 05.03.2022
50.	Workshop on “Graph Theory Using Open Source Software (SAGE & R)”	Vellore Institute of Technology, Chennai.	Online 05.03.2022
51.	Python workshop on Engineering Mathematics	Vellore Institute of Technology, Chennai.	Online 02.04.2022
52.	Three days Workshop on Basics of Sci Lab	Dr. M. G. R. Educational Research Institute, Chennai.	Online 16 <sup>th</sup> - 18 <sup>th</sup> May 2022
53.	SXC Centenary Year – International Conference on “Recent Developments in Pure and Applied Mathematics”	St. Xavier’s College, Palayamkottai.	St. Xavier’s College, Palayamkottai. 19 <sup>th</sup> -21 <sup>st</sup> July 2022

### COUNTRIES VISITED

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### EXTRA-CURRICULAR ACTIVITIES/ CO-CURRICULAR ACTIVITIES ATTENDED(NCC/NSS/YRC/SPORTS/LITERARY AND CULTURAL ACTIVITIES)

Nil
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**Date: 28.07.2022**

**Name: F. Patrick**