Dr.A. MARY PRIYA DHARSINI, M.Sc., M.Phil, B.Ed., Ph.D ASSISTANT PROFESSOR, PG & RESEARCH DEPARTMENT OF MATHEMATICS, HOLY CROSS COLLEGE (AUTONOMOUS), TIRUCHIRAPPALLI – 620 002, TAMIL NADU.



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#### ACADEMIC QUALIFICATIONS

Ph.D - St. Joseph's College (Autonomous), Tiruchirappalli, August 2019.

## Title: A STUDY ON FIXED POINTS AND BEST PROXIMITY POINTS IN

#### MULTIPLICATIVE METRIC SPACES

- M.Phil St Joseph's College (Autonomous), Tiruchirappalli, 2004 -2005.
- M.Sc St Joseph's College (Autonomous), Tiruchirappalli, 2002 2004.
- **B.Ed** Indira Gandhi National open University, New Delhi, 2010.
- **B.Sc** Madurai Kamaraj University Evening College, Dindigul, 1998 2001.

#### **TEACHING EXPERIENCE**

- Assistant Professor, PG and Research Department of Mathematics, Holy Cross College, Tiruchirappalli, from August 2008 to till date.
- PG Assistant in Mathematics, Little Flower Higher Secondary School, Tiruchirappalli, from June 2005 to July 2008.

### **RESEARCH GUIDANCE**

• Ph.D - 3 (On going)

### **TECHNICAL QUALIFICATION**

- MS Word
- Latex

### AREA OF SPECIALIZATION:

- Real Analysis
- Topology
- Functional Analysis

# **PAPERS PUBLICATONS:**

S.No	Academic Year	Nature of the Journal	Details			
1.	2024	Web of Science	Dr.A.Mary Priya Dharsini , Ms.P.Joselin Lavino, A			
			Fixed Point Theorem for Non-Self Mappings of			
			Rational Type in b-Multiplicative Metric Spaces with			
			Application to Integral Equations, "Indian Journal of			
			Science and Technology", (2024), Volume 17, Issue			
			36, Page : 3743-3754.			
2.	2024	Web of Science	Dr.A.Mary Priya Dharsini, J.Jarvis Vivin,			
			Application of Fixed Point Theorems to Differential			
			Equation in b-Multiplicative Metric Spaces" "Indian			
			Journal of Science and Technology", May 2024,			
			Volume 17, Issue 22, Page 2352-2362			
3.	2023	Scopus	Dr.A.Mary Priya Dharsini, P.Joselin Lavino,			
			Some fixed point theorems of rational type			
			contraction on b-multiplicative metric Spaces,			
			European Chemical Bulletin, DOI:10.31838			
			/ecb/2023.12.s2.279,2023,12(S2), 2262-2267, ISSN :			
			2063 – 5346.			
4.	2022	Scopus	Dr.A.Mary Priya Dharsini , P.Joselin Lavino,			
			Common coupled fixed point theorem of covarian			
			mappings in Bipolar Multiplicative metric Spaces,			
			Neuro Quantology, October 2022, Volume 20,			
			Issue10,Page1156:11566			
			,doi:10.14704/NQ.2022.20.10.NQ551119.			
5.	2021	Scopus	A.Mary Priya Dharsini, A.Jennie Sebasty Pritha,			
			A.Leema Maria Prakasam., Some Fixed Point			
			Theorem For $\Gamma$ –Contraction In A Complete Partial			
			B-Metric Spaces, Natural Volatiles & Essential			
	2021		Oils,2021, Vol.8, Issue4, 9870-9877,2148-9637.			
6.	2021	Scopus	A.Mary Priya Dharsini, A.Jennie Sebasty Pritha ,			
			A.Leema Maria Prakasam., Common Fixed Point			
			Theorem in R-Partial B- Metric Spaces, Natural			
			Volatiles & Essential Oils,2021, Vol.8, Issue4,			
			9838-9848,2148-9637.			

7.	2021	Scopus	A.Mary Priya Dharsini, A.Jennie Sebasty Pritha,
/.	2021	scopus	A.Leema Maria Prakasam., Fixed Point Theorem
			With Integral – Type Inequality Multiplicative
			Metric Spaces, Natural Volatiles & Essential
			Oils,2021, Vol.8, Issue4, 9849-9860,2148-9637.
8.	2021	Scopus	A.Mary Priya Dharsini, A.Jennie Sebasty Pritha,
			A.Leema Maria Prakasam., April 2021, A Note on
			$(\phi, A, B)$ Contractive Results using Comparison
			Function on b-Metric Spaces, Advances and
			Applications in Mathematical Sciences, Mili
0	2020	g	Publications, Volume 20, Issue 6, pg no: 1041-1051,
9.	2020	Scopus	A.Mary Priya Dharsini, A.Jennie Sebasty Pritha,
			A.Leema Maria Prakasam., (2020), Fixed point theorem for JSC Contraction Type Mappings on
			Group Theory, European Journal of Molecular &
			Clinical Medicine, 7(11), 5855- 5862.
10.	2020	Scopus	A.Leema Maria Prakasam, A.Mary Priya Dharsini
		-	and A.Jennie Sebasty Pritha.,(2020), Fixed point
			theorem for integral type F-Contractions in Complex
			valued G <sub>b</sub> metric spaces, European 12.Journal of
			Molecular & Clinical Medicine, 7(9),3190-3196.
11.	2020	Scopus	A.Mary Priya Dharsini, A.Leema Maria Prakasam,
			A.Jennie Sebasty Pritha ., Some common fixed point
			theorems for Hardy Roger Type contraction on Dertial h matrice spaces European Journal of
			Partial b-metric spaces, European Journal of Molecular & Clinical Medicine, 7(9),3154-3164.
12.	2020	UGC Care	A.Mary Priya Dharsini, A.Leema Maria Prakasam,
120			A.Jennie Sebasty Pritha ., (April 2020), Fixed Point
			theorem in multiplicative rectangular b metric spaces,
			Malaya Journal of Matematik, Vol. S, No.1, Pg No:
			348 - 350.
13.	2020	UGC Care	A.Leema Maria Prakasam, A.Mary Priya Dharsini
			and A.Jennie Sebasty Pritha., (April 2020) ,Some
			Fixed Point Theorems for $(\alpha_z, \psi_x, \xi_y)$ Rational type
			contractive mappings, Malaya Journal of Matematik,
			5(4), Pg No: 619 – 624.

14.	2018	LICC Annoval	
14.	2010	UGC Approval	Dr.U.Karuppiah and A.Mary Priya Dharsini .,(2017), Best proximity points for multiplicative modified rational proximal contraction mapping on
			multiplicative metric spaces, International Journal of mathematics and its applications. Pg No 343-349.
15.	2017	UGC Approval	Dr.U.Karuppiah and A.Mary Priya Dharsini .,(2017),Best proximity points theorems for $(\alpha-\psi)$ rational proximal contractions mappings in multiplicative metric spaces, International journal of Engineering science and mathematics (IJESM),Vol-
			6,Issue7.ISSN2320-0294.
16.	2017	UGC Approval	Dr.U.Karuppiah and A.Mary Priya Dharsini., (2017), Common fixed point theorem for multi valued mappings on b-metric spaces, Journal of Global research Mathematical archieves, Vol-4, Issue12.
17.	2017	UGC Approval	Dr.U.Karuppiah and A.Mary Priya Dharsini., (2017) .Fixed point theorems for multiplicative contraction mappings on multiplicative cone-b metric spaces, International journal of mathematics trends and technology, volume 8, part2, number 3, PP 8-12. ISSN 2231-5373.
18.	2017	UGC Approval	Dr.U.Karuppiah and A.Mary Priya Dharsini., (2017). On best proximity points for multivalued geometric F-contraction mappings, International journal of scientific and engineering research, Vol:8, Issue7.
19.	2016	UGC Approval	Dr.U.Karuppiah and A.Mary Priya Dharsini.,(2016). Some theorems on $(\alpha-\psi)$ quasi contractive on quasi partial metric space, International journal of Mathematical Archive–7(10),185-191,ISSN 2229- 5046.
20.	2014	Scopus	Dr.U.Karuppiah and A.Mary Priya Dharsini, (2014). Some Fixed Point Theorems satisfying (S,T)- contractive condition in partially ordered partial metric space. Far East Journal Mathematical Sciences (FJMS) , Volume 95,Number 1, pp 19-50, ISSN 0972-0871.

## **ORIENTATION / REFRESHER / OTHER COURSES ATTENDED**

S.NO.	Name of the Course	Academic Staff College, University	Duration in Days	From – To (Mention Date here)
1.	Innovation Ambassador	MoE's Innovation Cell & AICTE,New Delhi	21 Session - 21 hours	16.9.2024
2.	training on reskilling Online TWO –WEEK REFRESHER COURSE in MATHEMATICS	Teaching Learning Centre, Ramanujan College, University of Delhi.	12 12	2024-2025 29 <sup>th</sup> April to 13 May,2023 Obtained Grade A
3.	Digital Pedagogies for achieving sustainable development goals in education	All India association for Christian higher education New Delhi and Lady Doak College, Madurai. (Virtual FDP)	5	6 <sup>th</sup> – 11 <sup>th</sup> August, 2022
4.	FDP on New Epoch in Software Learning	Holy Cross College(Autonomous), Tiruchirappalli – 620002.	5	16.08.2021 - 20.08.2021
5.	IIC training Advance level	Instituition's Innovation Council(IIC) of MHRD's Innovation Cell, New Delhi.	15 Sessions – 30 hours	30.7.2021
6.	Online Sessions to promote Innovation, IPR, Entrepreneurship and start- ups among HEIs (Higher Education Instituitions)	Instituition's Innovation Council(IIC) of MHRD's Innovation Cell, New Delhi.	15 Sessions – 30 hours	28 <sup>th</sup> April to 22 <sup>nd</sup> May 2020
7.	Online faculty Development Program on "Fuzzy Sets and Systems"	Patrican College of Arts and Science, Chennai(Affiliated to University of Madras & Accredited 'A' Grade by NAAC)	1	16 <sup>th</sup> May , 2020
8.	Artificial Intelligence and IoT – Heuristic Trans disciplinary Perspectives	Holy Cross College (Autonomous), Tiruchirappalli – 620002.	5	4.7.2020- 10.7.2020
9.	Capacity Building of young talent in Trans disciplinary research for a sustainable development of society	Holy Cross College(Autonomous), Tiruchirappalli – 620002.	5	13.7.2020- 18.7.2020

10.	Faculty orientation Webinar Series on Risk management in Times of Crisis	IQAC, Holy Cross College(Autonomous), Tiruchirappalli – 620002	1	12.06.2020
11.	FDP on Virtual Teaching – A Paradigm Shift from Offline to Online Teaching	Holy Cross College(Autonomous), Tiruchirappalli – 620002	3	15.06.2020, 17.06.2020, 19.06.2020
12.	Women's Study Centre UGC funded Orientation Programme	Women's Studies Centre, Holy Cross College(Autonomous), Tiruchirappalli – 620002	1	20.10.2010

### **RECOGNITION/AWARDS RECEIVED:**

Academic Year	Government / Private	Name of the award
2024-2025	Institute of Researchers,	CV Raman Prize 2024
	Wayanad, Kerala(INDIA).	( in recognition of outstanding professional and
	(The research unit of ISPI,	research achievements in the field of Mathematics)
	registered with ministry of	
	MSMS, Govt. of India )	
2024-2025	MoE's Innovation Cell &	Innovation Ambassador
	AICTE,New Delhi	
		training on reskilling
2023-2024	Holy Cross College	Sterling's Paper Published
	(Autonomous),	
	Tiruchirappalli	
2020-2021	Instituition's Innovation	Innovation Ambassador
(IIC	Council(IIC) of MHRD's	
Calender	Innovation Cell, New Delhi.	
year)		
2021-2022		
$26^{\text{th}} \& 27^{\text{th}}$	APEEJAY School of	Best Indian Research Award 2022 for Design and
August	Management, New Delhi	development of automatic preventive system
2022		

### PAPER PRESENTED AT INTERNATIONAL/ NATIONAL CONFERENCES:

Academic Year	Name of the Conference	National / International	Details
2018-2019	International Conference on Advances in pure and Applied Mathematics.	International	Madurai Kamarajar University, Madurai.
2022-2023	Present Trends In Applications Of Mathematics	International	Holy Cross College (Autonomous), Tiruchirappalli – 620002. 09.01.2023 & 10.01.2023

## **RESOURCE PERSON :**

S.No.	Academ ic Year	Name of the Programme	Date	Details
1.	2024- 2025	Motivational talk on Entrepreneurship & Innovation – Career Opportunity	28.08.2024	Unleash Your Potential to Become Your Own Boss
2.	2024- 2025	Motivational talk on Entrepreneurship & Innovation – Career Opportunity	1.08.2024	Resource Person, HCIICT, PG and Research Department of Commerce in computer applications, Holy Cross College (Autonomous), Trichy-2.
3.	2024- 2025	IGANTIANA 2024	26.07.2024	Judge for the "Meme's Creation", St.Joseph's College (Autonomous), Tiruchirappalli.
4.	2023- 2024	Mathematics Association - Talk on the topic "Significant Contributions of Mathematics in our daily lives"	10.8.2023	Resource Person, , St.Joseph's College Higher Secondary School, Trichy-2.

5.	2023- 2024	INDEP 2023	14.12.2023	Judge for the "Dancing Brush", St.Joseph's College (Autonomous), Tiruchirappalli.
6.	2022- 2023	Seminar on Igniting the young minds to become a successful entrepreneur	28.07.2022	Resource Person, HCIIC,PG and Research Department of Commerce, Holy Cross College(Autonomous), Trichy-2.
7.	2018- 2019	Christmas Function	DEC 2018	Judge for the "Skit Competition", St.Joseph's College (Autonomous), Tiruchirappalli.
8.	2018- 2019	INDEP 2018	JANUARY 2019	Judge for the "Collage and Poster Presentation", St.Joseph's College (Autonomous), Tiruchirappalli.
9.	2018- 2019	Workshop on Conceptual Mathematics–GMAT 19'	January2019	Resource Person, PG Department of Mathematics, Gonzaga College of Arts and Science for Women, Krishnagiri.
10.	2015 - 2016	Math Bee	16.02.2016	Judge for the event "Math Bee" Holy Angel Nursery & Primary School, Tiruchirappalli.
11.	2016- 2017	Math Bee	31.01.2017	Judge for the event "Math Bee" Holy Angel Nursery & Primary School, Tiruchirappalli.

## SEMINAR/ WORKSHOP ORGANIZED

S.NO	Academic Year	Details
1.	2021-2022	Member, Organising Committee of Five Days Online International Faculty Development programme on "New Epoch in Software Learning" 16 <sup>th</sup> to 20 <sup>th</sup> August 2021.
2.	2020-2021	Member, Organising Committee of International Seminar on "Present Trends in Applications of Mathematics" ,16 <sup>th</sup> & 17 <sup>th</sup> November, 2020 .
3.	2010 - 2011	Member, Organising Committee in National Conference on "Emerging trends in Women Leadearship in India" held in Holy Cross College(Autonomous), Tiruchirappalli – 620002 on 01.03.2011

## **TEACHING METHODOLOGY**

Academic Year	Teaching Aids prepared& used	e-content prepared
2013-2014	Power Point Presentation	MAJORCORE:STATICS- FRICTION
2014-2015	РРТ	PDE AND INTEGRAL EQUATIONS - INTEGRALEQUATIONS
2018-2019	PPT	SOLVING ORDINARY DIFFERENTIAL EQUATIONS WITH CONSTANT COEFFICIENTS USING LAPLSCE TRANSFORMATION
2019-2020	GOOGLE MEET	INTRODUCTION TO TOPOLOGY
2021-2022	GOOGLE MEET	FRICTION
2023-2024	PPT	BASIS AND DIMENSION

#### <u>CONFERENCES /SEMINARS/ SYMPOSIA/WORKSHOPS – ATTENDED :</u>

S.NO	Academic Year	Name of the Conferences /seminars/ symposia/worksho ps	National / International	Online/ offline	Details
1.	2024-2025	One day in-service faculty workshop on Geogebra	National	Online	Holy Cross College (Autonomous), Tiruchirappalli – 620002. 16.07.2024
2.	2023-2024	National conference on "The Evolving Landscape: Exploring Possibilities and Challenges for the Girl Child in a Dynamic World"	National	Offline	Holy Cross College (Autonomous), Trichy. 24 <sup>th</sup> January 2023

3.	2023-2024	International conference on "Recent Trends in Applications of Mathematics"	International	Offline	Holy Cross College (Autonomous), Trichy. 4 <sup>th</sup> August 2023
4.	2023-2024	One day In-service faculty workshop on manipulation and analysis of data in SPSS	National	Offline	Holy Cross College (Autonomous), Trichy. 14 <sup>th</sup> July 2023
5.	2022-2023	Present Trends In Applications Of Mathematics	International	Offline	Holy Cross College (Autonomous), Tiruchirappalli – 620002. 09.01.2023 & 10.01.2023
6.	2022-2023	Two Day In service faculty workshop on Python & R- Programming	National	Online	Holy Cross College (Autonomous), Tiruchirappalli – 620002. 12.07.2022 & 13.07.2022
7.	2021-2022	Present Trends In Applications Of Mathematics	International	Offline	Holy Cross College (Autonomous), Tiruchirappalli – 620002. 19.04.2022 & 20.04.2022
8.	2021-2022	Five Days Online International FDP on "New Epoch in Software Learning"	International	Online	Holy Cross College (Autonomous), Tiruchirappalli – 620002. 16 <sup>th</sup> to 20 <sup>th</sup> August 2021.
9.	25 <sup>th</sup> June, 2021	An Introduction to Linear Algebra for CSIR/SET Exam	National	Online	Paavai Engineering College, Namakkal
10.	7 <sup>th</sup> – 11 <sup>th</sup> June, 2021	Innovation Incubation, start- ups & Research Challenges in India	National	Online	Idhaya Engineering College for Women, Chinnasalem, Kallakurichi(Dt.).

11.	24 <sup>th</sup> May , 2021	Experiences on Faculty Innovation and Entrepreneurship	National	Online	EDII-Anna Business Incubation Research Foundation ,University College of Engineering, BIT Campus,Anna University, Trichy-24.
12.	16 <sup>th</sup> & 17 <sup>th</sup> November, 2020	International Seminar on "Present Trends in Applications of Mathematics"	International	Online	Holy Cross College (Autonomous), Trichy.
13.	25 <sup>th</sup> August , 2020	The implications of the NEP 2020 for Higher Education and role of teachers	National	Online	Holy Cross College (Autonomous), Trichy.
14.	1 <sup>st</sup> August , 2020	Webinar on "Designing Finite State Automata"	National	Online	Holy Cross College (Autonomous), Trichy.
15.	25 <sup>th</sup> July , 2020	State Level Webinar on "Applications Various Divisions of Mathematics in Graph Theory "	National	Online	Holy Cross College (Autonomous), Trichy.
16.	10 <sup>th</sup> July, 2020	ICT tools for the 21 <sup>st</sup> Century	National	Online	Holy Cross College (Autonomous), Trichy
17.	30 <sup>th</sup> June , 2020	Webinar on "Optimization Models of Various Divisions of Mathematics in Graph Theory"	National	Online	Holy Cross College (Autonomous), Trichy

18.	25 <sup>th</sup> June, 2020	Create, develop and capture value for your product BMC- IIC.	National	Online	Holy Cross College (Autonomous), Trichy
19.	21 <sup>st</sup> June, 2020	Combat the pandemic stress through yoga	National	Online	Holy Cross College (Autonomous), Trichy
20.	17 <sup>th</sup> June , 2020 & 18 <sup>th</sup> June 2020	CSIR Problems solving Techniques in Algebra and Analysis.	National	Online	St.Joseph's College, Trichy.
21.	15 <sup>th</sup> June , 2020 to 17 <sup>th</sup> June 2020	Exploring Advances in Graph Theory.	National	Online	Loyola College, Chennai.
22.	11 <sup>th</sup> June , 2020	Introduction to theory of Automata &its Applications.	National	Online	Queen Mary's College, Chennai.
23.	11 <sup>th</sup> June 2020	Stride Tutorial on Transdisciplinary Research	National	Online	Holy Cross College (Autonomous), Trichy.
24.	10 <sup>th</sup> June 2020	Discover Your Values: COVID-19	National	Online	Holy Cross College (Autonomous), Trichy.
25.	7 <sup>th</sup> June , 2020	Applications of Graph Theory	National	Online	PG and Research Department of Mathematics, V.O.Chithambara m College, Thoothukudi
26.	6 <sup>th</sup> June , 2020	Principal Component Analysis	National	Online	KPR Institute of Engineering and Technology .
27.	6 <sup>th</sup> June 2020	Obesity and its role in Breast Cancer	National	Online	Holy Cross College (Autonomous), Trichy.

28.	5 <sup>th</sup> June 2020	Social Innovation and Change Management ,IIC.	National	Online	Holy Cross College (Autonomous), Trichy.
29.	3 <sup>rd</sup> June , 2020	National Webinar on "Fractals via Fixed point theory"	National	Online	JayarajAnnapacki am College for women (Autonomous)
30.	3 <sup>rd</sup> June 2020	Menstrual Hygiene & Reproductive Health Care.	National	Online	Holy Cross College (Autonomous), Trichy.
31.	2 <sup>nd</sup> June 2020	Seed and Weed Nurturing Relationships	National	Online	Holy Cross College (Autonomous), Trichy.
32.	30 <sup>th</sup> May, 2020	Remote Classrooms -Digital Technology in Teaching Learning	National	Online	Holy Cross College (Autonomous), Trichy
33.	29 <sup>th</sup> May, 2020	BIRAC's role in Creating the Startup Innovation Ecosystem, Incubation Manager,	National	Online	BIRAC, Cresent Innovation Incubation Council.
34.	29 <sup>th</sup> May, 2020	Webinar series on "Andragogy of Online Teaching"	National	Online	Holy Cross College (Autonomous), Trichy
35.	29 <sup>th</sup> May , 2020	Webinar on "Doing Mathematics using Softwares"	National	Online	Holy Cross College (Autonomous), Trichy.
36.	28 <sup>th</sup> May , 2020	Webinar on "Interesting Features of Integral Equations"	National	Online	Holy Cross College (Autonomous), Trichy.
37.	27 <sup>th</sup> May, 2020	Healthy Parenting Styles, HCC Cares, Webinar Series	National	Online	Holy Cross College (Autonomous), Trichy.

38.	20 <sup>th</sup> May , 2020 to 21 <sup>st</sup> May 2020	Recent Research topics in Graph Theory	International	Online	MES Mampad College, Palappuram, Kerala.
39.	21 <sup>st</sup> May , 2020	Reimaging research in the era of Disruptions and uncertainties	National	Online	Holy Cross College (Autonomous), Trichy.
40.	19 <sup>th</sup> May , 2020	Applications of Mathematics	National	Online	Nallamuthu Gounder Mahalingam College, Pollachi.
41.	19 <sup>th</sup> May , 2020	Optimizing Family During Lockdown	National	Online	Holy Cross College (Autonomous), Trichy.
42.	18 <sup>th</sup> May , 2020 to 22 <sup>nd</sup> May 2020	Webinar series on "LATEX" School of Advanced Sciences	National	Online	Vellore Institute of Technology, Chennai
43.	13 <sup>th</sup> May , 2020	Everything starts with nothing- make a start	National	Online	Instituition's Innovation Council, Holy Cross College (Autonomous), Trichy.
44.	11th May ,2020 to 15 <sup>th</sup> May,2020.	Online Workshop on "Mathematical Sciences for CSIR – NET /SET/GATE	National	Online	Sree Narayana Guru College, KG Chavadi , Coimbatore.
45.	9 <sup>th</sup> May, 2020	Present trends in Applications Webinar on Unleasing Machine Learning & Cloud Computing	National	Online	Holy Cross College , Trichy.
46.	2019-2020	The Role of Media and Culture on Indian family system in the process of nation Building	Natonal	Offline	Women's Study centre, Holy Cross College , Trichy.

47.	2019-2020	Present trends in Applications of Mathematics	International	Offline	Holy Cross College , Trichy.
48.	2018-2019	Present trends in Applications of Mathematics	International	Offline	Holy Cross College , Trichy.
49.	2018-2019	International Conference on Advances in pure and Applied Mathematics.	International	Offline	Madurai Kamarajar University, Madurai.
50.	2016-2017	National conference on Advances and Applied Mathematics	National	Offline	Cauvery College for women
51.	2015-2016	National conference on discrete mathematics	National	Offline	9 <sup>th</sup> and 10 <sup>th</sup> Jan, St.Joseph's College.
52.	2014-2015	Graph Theory And Operations Research	National	Offline	Holy Cross College
53.	2014-2015	Mathematical Sciences And Applications	National	Offline	SJC
54.	2013-2014	Women Development in the New – millennium –away Forward	National	Offline	Women's studies Centre, Holy Cross College (Autonomous), Tiruchirappalli -2 on 28.02.2014
55.	2013-2014	Workshop on E- Content Development	Academic	Offline	Holy Cross College (Autonomous), Trichy
56.	2012-2013	Frontiers in Analysis and Differential Equations.	National	Offline	BDU
57.	2011-2012	Emerging Trends in Women Leadership in India	National	Offline	Holy Cross College

# PATENT DETAILS

S.NO	Academic Year	Title of the Patent , Application Number & Publication Date
1.	2021-2022	DEVELOPING AN INTELLIGENT SYSTEM ARCHITECTURE FOR EXTENDING SECURITY PERSPECTIVE BY USING
		INNOVATIVE TECHNIQUE IN IOT RESOURCE SYSTEMS
		APP.NO: 202141019203
		PUBLICATION DATE : 07.05.2021
2.	2021-2022	INTELLIGENT ROBOT FOR UNMANNED REGIONS ;
		APPLICATION NO:346534-001
		PUBLICATION DATE : 21.07.2021
3.	2021-2022	DRONACHARY A.1.0- IOT BASED AUTOMATED SOLAR
		POWERED SPRAYING ROBOT
		APPLICATION NO: 347650-001
		PUBLICATION DATE : 09.08.2021
4.	2021-2022	A NEONATAL FITNESS PATCH
		APP.NO : 202211026759
		PUBLICATION DATE : 13/05/2022

### **INVOLVEMENT IN THE COLLEGE STUDENTS RELATED ACTIVITIES**

Academic Year	Description
2009 - 2012, 2013-2015	In charge of Women Cell, Women Cell–CO ORDINATOR
2011-2012,2020-2022	Assistant Secretary of Mathematics Association
	Secretary of Mathematics Association
2012-2013	Fine arts Incharge
2020-2021	Conducting Motivation talk on "A story from 0 to infinity"
	(Endless possibilities)
2020-2021	Conducting Entrepreneurship development talk on "Influencing strategies"
2021-2022	Conducting Entrepreneurship development talk on
	"Opportunities & Challenges of Women Entrepreneurship
	Impact of COVID 19 on Women Entrepreneurship in India."
2021-2022	Conducting Seminar on "Design thinking and Innovation"
2021-2022	Essentials of Innovative skills in Start-up business.
2021-2022	Design thinking for a better future.
2022-2023	Conducting Seminar on "Women's Contribution to India
	Independence"
2024-2025	Secretary Gender Champion Club

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