

## FACULTY PROFILE

### PersonalDetails

**Name** : Dr.F. Patricia

**Designation** : Assistant Professor

**Department** : Mathematics

**Date of Birth** : 09.03.1983

**Contact Address** : No:6, Ashok Nagar, Paathirikuppam, Cuddalore-607401

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**Area of specialization:** Stochastic Process (Queueing Theory)



### EducationalQualification

Degree/ Diploma	Subject	Institution/University	Year of Completion	Grade/ Percentage
Ph.D	Mathematics	Annamalai University	2023	Awarded
M.Phil	Mathematics	St. Joseph's College (Autonomous), Tiruchirappalli	2006	77
M.Sc.	Mathematics	Sacred Heart College (Autonomous), Tripattur	2005	86
B.Sc.	Mathematics	Holy Cross College (Autonomous), Tiruchirappalli	2003	84.5

### TeachingExperience

Sl.No.	Name of the college/institution	Year		Service	
		From	To	Year(s)	Month(s)
1.	Christ The King Mat. Hr. Sec. School	2006	2007	1	0
2.	M.Kumaraswamy College of Engineering, Karur	2007	2008	1	1
3.	I.F.E.T College of Engineering, Villupuram	2008	2009	0	6
4.	St. Joseph's College of Arts and Science (Autonomous), Cuddalore	2009	2010	0	10

5.	C K College of Engineering and Technology, Cuddalore	2010	2013	3	1
6.	Immaculate college for Women, Cuddalore	2016	Till date		

### Orientation/Refresher/Faculty Development Programme Attended

Title of the Programme	Place	Date
Awareness and identification of funded projects	I.F.E.T College of Engineering, Villupuram	02.12.2008
Orientation for fresh faculty	I.F.E.T College of Engineering, Villupuram	28.11.2009 & 29.11.2009
Research methods	St. Joseph's College of Arts and Science (Autonomous), Cuddalore	11.12.2009 & 12.12.2009
MAT LAB and its applications	Thiruvalluvar University	19.09.2016
Impact of Data in Information Technology & its applications	Idhaya College For women, Kumbakonam (Online Mode)	28.4.2020 - 01.06.2020
ICT Skills and Interactive E-content creation	Immaculate college for Women, Viriyur (Online Mode)	08.05.2020 – 12.05.2020
Enhancing Digital Age teaching skill in an uncertain environment	Immaculate college for Women, Cuddalore (Online Mode)	29.05.2020 & 30.05.2020

### Workshop/Seminar Programme Attended

Title of the Programme	Place	Date
Emerging trends in Mathematical Oriented sciences	St. Joseph's College of Arts and Science (Autonomous), Cuddalore	22.03.2012
Differential, Functional equations and its applications	Sacred Heart College (Autonomous), Tripattur	27.08.2012 & 28.08.2012
Future of Digital Learning	Immaculate college for Women, Cuddalore	03.07.2020 & 04.07.2020
Quality Assessment Enhancement and Sustenance in Higher Education in view New RAF of NAAC.	Sacred Heart College (Autonomous), Tripattur	15.07.2020- 18.07.2020

## National/International Conference Attended

Title of the Conference	Place	Date
Contributions of mathematics to recent developments in science	Sacred Heart College (Autonomous), Tripattur	25.11.2004 - 27.11.2004
Mathematical Modelling	Annamalai University	23.02.2012 & 24.02.2012
4 <sup>th</sup> international congress on life, social and health sciences in a changing world	Turkey(online)	12.02.2022 & 13.02.2022
5 <sup>th</sup> international congress on life, social and health sciences in a changing world	Turkey(online)	26.03.2022 & 27.03.2022
Baskent congress on physical, social and health sciences	Turkey(online)	11.6.2022 & 12.06.2022

## Research Papers Presented

Title of the Paper	Place	Date
Analysis Of Finite Capacity Single Server Queueing System with Feedback	5 <sup>th</sup> international congress on life, social and health sciences in a changing world, Turkey	26.03.2022 & 27.03.2022
Model of Markovian Queue with Catastrophe, Restoration and Balking	Vellalar College of Engineering & Technology, Erode, Tamil Nadu	22.02.2023- 24.03.2023
Analysis of Number of Times M/M/1/N Queueing Model Reaches Its Capacity in time t	KPR Institute of Engineering & Technology, Coimbatore	24.03.2022- 25.03.2022
A single Server Queueing model with catastrophe and feedback	JECRC University, Jaipur	04.08.2022 – 06.08.2022

## Research Papers Published

Title of the Paper	Journal	ISSN/Volume/Year
Analysis of number of times M/M/1/N queueing model reaches its capacity in time	AIP Conf. Proc.	2764, 030015 (2023)
Analysis Of Finite Capacity Single Server Queueing System with Feedback	5 <sup>th</sup> international congress on life, social and health sciences in a changing world, Turkey. Conf. Proc.	ISBN: 978-605-71461-1-3
Performance Analysis of a Single Server Queue with Catastrophe, Restoration and Partial Breakdown	Mathematical Statistician and Engineering Applications	ISSN: 2094-0343 Vol.71 No.4(2022)-3661-3685

A Markovian Queueing Model with Breakdown, Repairs and Backup Server	International Journal of Health Sciences	6(S5), 9136–9150.
A Markovian Single Server Queueing Model with Catastrophe, Restoration and Balking	IEEE Xplore	pp. 1-7, doi: 10.1109/ICECCT56650.2023.10179799.

### Key Positions/Responsibilities Held / Holding

Position/Responsibility	Institution/Organization	Period	
		From	To
Exam cell Coordinator	C K College of Engineering and Technology, Cuddalore	2010	2012
Head of the Department	Immaculate college for Women, Cuddalore	2016	Till date
Cocurricular committee	Immaculate college for Women, Cuddalore	2018	Till date
Planning and Monitoring Committee	Immaculate college for Women, Cuddalore	2018	Till date
Anti-Ragging Committee	Immaculate college for Women, Cuddalore	2019	Till date

### Project Guidance

S.No	Project Guided	No.of Students
	UG	6
	PG	6
	M .Phil	Nil

### Other Details (if any)

S.No	Details