

Personal Details:

Name : S. Ithaya Ezhil Manna
Address for communication : Assistant Professor, Department of Mathematics,
St Joseph's College, Tiruchirappalli-620002.
Permanent Address : 28,7/L,10th street, Anna Nagar, Vallam, Thanjavur-613403.
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Educational Qualification :

Ph.D, St. Joseph's College, Bharathidasan University, September 2020.
M.Phil, Madras Christian College, University of Madras, 2008-2009.
M.Sc, St.Joseph's College, Bharathidasan University, 2006-2008.
B.Sc, St.Joseph's College, Bharathidasan University, 2003-2006.

Area of Research

Functional Analysis and Fixed Point Theory.

Skills:

Basic Knowledge of Latex and Matlab.

Teaching Experience

- Assistant Professor (Jun' 2013- Till Date), Department of Mathematics, **St. Joseph's College, Trichy, Tamil Nadu, India.**
- Assistant Professor (Sep' 2011 – Jun'2013), Department of Mathematics, **Dr. S. J. S. Pauls Memorial College of Engineering and Technology, Puducherry, India.**
- Lecturer (Jul'2009 – May'2011), Department of Mathematics, **Parisutham Institute of Technology and Science, Thanjavur, Tamilnadu, India.**

Publications:

- 1) Iterative Approximation of Best Proximity Pairs of Asymptotically Relatively Nonexpansive Mappings, Applied Mathematics E-Notes, VI. No. 21, 2021.
- 2) Modified Two Steps Implicit Midpoint Iteration Method to Approximate Fixed Points for Nonexpansive Mappings, International Journal of Applied Mathematics, VI. No. 34, 2021.
- 3) Strong and Weak Convergence of Ishikawa Iterations for Best Proximity Pairs, Open Mathematics, VI. No. 18(1), 2020.

- 4) Weak and Strong Convergence Theorems for Three Step Iteration of Asymptotically Firmly Type Nonexpansive mappings, *Nonlinear Functional Analysis and Applications*, VI. No. 24(4), 2019.
- 5) Strong Convergence for Best Proximity Pairs of Asymptotically Relatively Nonexpansive Mappings, *Far East Journal of Mathematical Sciences*, Vol.109, Issue I,0972-0871,25-35, 2018.
- 6) Weak and Strong Convergence Theorems for Asymptotically Firmly Type Nonexpansive Mappings, *Mathematical Sciences International Research Journal*, Vol.7, Spl. Issue 4, 2278-8697, 88-93, 2018.

Paper Presented At International/ National Conferences:

1. “Weak and Strong convergence theorems for Asymptotically Firmly type Nonexpansive Mappings” in International Conference on Computing Sciences on January 8-9, 2018 held at Loyola College, Chennai.
2. “Weak and Strong convergence theorems for Asymptotically Quasi-Firmly type Nonexpansive Mappings” in National Conference on Mathematical Sciences and Applications on March 4-5, 2014 held at St. Joseph’s College, Trichy.

Achievements/Awards/Recognition:

- 🏆 Qualified National Eligibility Test in June 2014.
- 🏆 Qualified State Eligibility Test in Oct 2012.
- 🏆 Qualified GATE in 2010.
- 🏆 Ph.D Research Advisor, Bharathidasan University, from February 2022.

Resource Person:

Type of Programme	Title	Beneficiaries
Special Lecture	Calculus of Variations and Integral Equations	PG students of Holy Cross College, Tiruchirappalli
Three Day Workshop	Problems in Ordinary Differential Equations	UG Students
Three Day Workshop	Group Theory	UG Students
CSIR/NET Coaching Class	First Order Ordinary Differential Equations	PG students of Holy Cross College, Tiruchirappalli
IAS Academy, St. Joseph's College	Calendar, Permutations and combinations, Problems on Numbers	Undergraduate students of Shift I and Shift II
CSIR-NET Coaching Programm	Partial Differential Equations	PG Students, Research Scholars,...

CSIR-NET Coaching Programm	Ordinary Differential Equations	PG Students, Research Scholars,...
CSIR - NET / SET coaching classes for Mathematical Sciences	Differential Equations, Integral Equations, Calculus of Variations and Stochastic process	PG students, Research Scholars,...

Seminars (S) / Conferences (C) /Workshops (WS) attended:

Title	Type	Organization Name	Place	Days	Date(from)
Online Refresher Course in Applicable Mathematics	R	Teaching Learning Centre (TLC), Ramanujan College, University of Delhi.	New Delhi.	14	2022-07-26
In service Teacher Training Programme	O	Tamilnadu State Council for Higher Education, Chennai-600 005	Thanthai Periyar Govt. Arts and Science College, Trichy-23	2	2022-05-05
Refresher Course in Mathematical Science	R	UGC-HRDC, University of Calicut	Malappuram, Kerala-673635	14	2021-10-20
UGC Sponsored Refresher Course in Mathematics	O	UGC-HRDC, Bharathidasan University	Bharathidasan University, Trichy-24.	21	2018-07-13
ICCS-2018	C	LOYOLA COLLEGE	CHENNAI	2	2018-01-08
UGC SPONSORED ORIENTATION COURSE	O	UGC-HRDC PONDICHERRY UNIVERSITY	PONDICHERRY UNIVERSITY	28	2016-11-02
LATEX Workshop	W	Department of Mathematics, St. Joseph's College	Trichy	1	2013-08-13

Publications of Books:

Book Title	Publisher	Edition	ISBN	Year
UGC-CSIR NET PROBLEMS IN CALCULUS OF VARIATIONS, INTEGRAL EQUATIONS AND CLASSICAL MECHANICS	Ryan Publications	1	9788119587919	2023

Seminars (S) / Conferences (C) /Workshops (WS) organized:

Title	Type	Organization Name	Place	Days	Date
Problem Solving in Analysis, Algebra and Differential Equations	WS	Department of Mathematics, St. Joseph's College	AV Hall, St. Joseph's College, Tiruchirappalli - 2	3	25-27 September 2023

Dr. S. Ithaya Ezhil Manna