

Dr. M.MARY MEJRULLO MERLIN

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Head & Assistant Professor of Mathematics, Holy Cross College(Autonomous), Affiliated to Bharathidasan University, Tiruchirappalli, Tamil Nadu

PROFESSIONAL SUMMARY

Dr. M.Mary Mejrullo Merlin is the Head and Assistant Professor of Mathematics, Holy Cross College, Tiruchirappalli. She was one of the Vice Principals of Holy Cross College (2019-2022) and was the College Nodal Officer (2012-2021), All India Survey on Higher Education, Ministry of Human Resource Development and was the Co-ordinator of College E-content Development Centre(from 2016-2022) and Assistant Professor of Mathematics(from 2004 onwards), Holy Cross College (Autonomous), Tiruchirappalli, India

- As a passionate and sincere educational professional with more than twenty years of teaching experience in UG & PG, she always focuses on implementing and developing educational tools and technologies in classroom teaching and learning process to promote whole person education. Her primary aim is ‘to create love towards the subject Mathematics’ among the Student Community, by adopting various innovative Teaching Methodologies. Dr. M.Mary Mejrullo Merlin strongly believe that “ A Teacher with Passion, Subject Efficiency and Teaching Competency in the subject can do wonders in the TL Process” .
- Dr. M. Mary Mejrullo Merlin is an intensive researcher who focuses on effective applied research in complex and dynamic scenarios using Fuzzy cognitive Maps and Intuitionistic Fuzzy sets Fuzzy Relational Map. She has completed four Research Candidates, one has completed her thesis submission and two scholars are working.

Dr. M.Mary Mejrullo Merlin is an L&D Training Professional, secured Certificate in Teaching, Training and Developing Professionals from Asian college of Teachers(ACT-TQUK). As a certified Trainer, Dr. Merlin facilitates various Faculty Development Programmes for the Teaching Staff on Revised Bloom’s Taxonomy, Pedagogy to Andragogy, E Content Development, Various Methods of Teaching Mathematics, Fuzzy Mathematics- Origin to Future and Learning Outcomes based Curriculum Framework(LOCF).

EDUCATIONAL QUALIFICATION

M.Sc., M.Phil., SET, B.Ed., D.C.A., D.G.T., Ph.D.,

EDUCATION

Manonmaniam Sundaranar University, Tirunelveli, TN
Ph.D., Mathematics, Fuzzy Cognitive Map, May 2014.
Dissertation: “Analytical Study on Fuzzy Cognitive Map”

Madurai KamarajUniversity(Distance Edu.), Madurai, TN
M.Phil., Mathematics, June 2006

Bharathiyar University, Coimbatore, TN
SET, Mathematics, March 2006

Manonmaniam Sundaranar University ,V.O.C.College of Education, Tuticorin, TN
B.Ed., Mathematics, April 2004

Bharadhidasan University, Holy Cross College,Tiruchirappalli, TN
M.Sc., Mathematics, May 2002

Bharadhidasan University, Holy Cross College, Tiruchirappalli, TN
B.Sc., Mathematics , May 2000.

CERTIFICATION

Internationally Recognized L&D certificate in Teaching, Training and Developing Professionals from Asian college of Teachers(ACT-TQUK), 6th-9th January 2020.

ACADEMIC ACHIEVEMENTS

First position in S.S.L.C. at School level(1994-1995).

‘Gold Medalist’ in M.Sc. Degree Examination(2001-2002)

‘Best Student Award’ in B.Ed. Programme(2002-2003)

Completed “Diploma in Gandhian Thought” (DGT), Vivekanada Kendra Association, Tuticorin(2002-2003)

TECHNICAL SKILLS

Secured ‘A’ grade in the Desktop Applications (DCA) under Au Enmasse College Linkage Programme by Anna University, Chennai,TN(2002-2003).

Certified I Class in lower and higher level Typewriting Examinations(1998-1999)

TEACHING EXPERIENCE

More than 19 years of Teaching Experience at both undergraduate and postgraduate Courses as an Assistant Professor of Mathematics, Holy Cross College(Autonomous), Affiliated to Bharathidasan University, Tiruchirappalli, since June 2004.

AREAS OF RESEARCH

Modeling socio-economic- educational issues with unsupervised data by using the following Tools:

Fuzzy Cognitive Map

Intuitionistic Set Theory

Algebra

Functional Analysis

Topology

Neutrosophic Cognitive

Map

CORE COMPETENCIES

Sincere and value-based individual

Good in logical thinking

Ability to assimilate works in work process

Teaching competency

ADDITIONAL KEY POSITIONS

Head, PG & Research Department of Mathematics, Holy Cross College, Trichy(2022-2023 onwards)

College Nodal Officer(TNPSC Examinations & Scholarships)(2022-2023)

Vice Principal, Holy Cross College, Trichy (2019-2022)

College Nodal officer(AISHE), Holy Cross College, Trichy(2012-2021)

Co-ordinator for Centre for E-content Development (2016-2022)

NAAC Steering Committee Member during the NAAC Visit (Jan 2020)

Core Committee Member of College Fine Arts Club (2006-2009 and 2014-2016).

Core Committee Member in IQAC- Criterion V(SSP)(2015-2019).

Worked for IMC award one among 15 members in College level (May 2010-October 2010).

M.Phil. Viva Voce Examiner of Thanthai Hans Roever College, Tiruchirappalli and Arts College, Kumbakonam(2017-2018).

Examiner, Central Valuation, Bharathidasan University, Trichy-2 and Question paper setter in various Colleges in Tamil Nadu and Kerala.

Doctoral Committee Member, Bharathidasan University.

Life Member of Academic & Research Conclave (ARC).

Life Member of in JU Mathematical Society

FACULTY EXCHANGE PROGRAMME:

Facilitated as a Guest Faculty in Salesian College, Siliguri, West Bengal for 15 days (13th July to 28th May 2022)

- conducted Faculty Development Program on RBT, Writing RBT Lesson Plan & Journey of HCC E Content Development Centre
- conducted an interactive session with Vice Principals, IT Team & Administrative Faculty
- handled UG Mathematics Classes
- conducted one day Workshop on 'Theory of Fuzzy Mathematics- Origin to Future' to the Faculty and Students of Mathematics Department.

AWARD FOR TEACHING:

Awarded as a 'An Inspiring Math Teacher in Tamil Nadu 2024' by FAME INDIA AWARDS , New Delhi, March 2024.

EXPERT MEMBER/ RESOURCE PERSON IN VARIOUS ACADEMIC BODIES:

Resource Person- FDP on Effective Teaching Pedagogies, E Content & Blog Creation, Department of Mathematics, Rabiammal Ahmad Maideen College for Women, Thiruvapur, 3rd June 2024.

PG Viva Examiner, PG & Research Department of Mathematics, Seethalakshmi Ramaswamy College, Tiruchirappalli, 2nd April 2024.

Organized Two Day International Conference on ‘Recent Trends in Applications of Mathematics’ with collaboration of the Department of Mathematics of Salesian College(Autonomous), Siliguri Campus, West Bengal, India on 9th & 10th January 2023.

Mock Peer Team Visit Member to St.Alphonsa College of Arts & Science ,Soosaipuram Karinkal, Kanyakumari on 1st August 2022

Chief Invigilator for Group IV Examination for Combined Civil Service , Tiruchirappalli on 24th July 2022.

Resource Person for the Faculty Orientation on ‘Outcome Based Learning and Course Mapping’ at Stella Maris College, Chennai on July 15, 2022.

Guest Faculty to teach in the Mathematics Department, Salesian College, Siliguri Campus, West Bengal from 13th May to 28th May, 2022.

Represented as a College E-content Mentor in UGC sponsored National Workshop on Swayam, Moulana University, Hyderabad, August 31st, 2018.

PUBLICATIONS

- 53 International publications and 3 National level publications in a reputed Journals with ISBN index/ISSN index/UGC Approved status/NAAS rating status/ Impact Factored.
- 12 Scopus indexed/ Web of Science Journals

PRESENTATIONS AND PARTICIPATIONS

RECENT:

Participated and obtained “A” grade in UGC sponsored Subject Refresher Course in Mathematical Sciences at Teaching Learning Centre, Ramanujan College, University of Delhi, MHRD, from January-11 February, 2023

Participated in National Webinar on ‘Re – Inventing the New- Normal Classroom’ All India Association For Christian Higher Education (AIACHE), 30th March 2022.

Participated in National Online Workshop on “Resilience During the Pandemic” All India Association For Christian Higher Education (AIACHE), 16th and 17th July 2021.

Participated in Content Creation Meeting for the Project- Soft Skill Training to strengthen Police Performance, Regional Educational Media Centre, Common Wealth of Learning, Commonwealth Educational Media Centre for Asia, National Project, CEMCA, 27th and 28th, February 2020.

Presented a Paper on “Campus Automation and IoT’s” in the International Conference organized by *United Board* on “Innovations in Education: Opportunities and Challenges in South East Asia” at Soecejapranata Catholic University, Semarang, 28th-29th October 2019.

Participated and obtained “A” grade in UGC sponsored Subject Refresher Course in Mathematics, Bharathidasan University, Tiruchirappalli, from 13th July -1st August, 2018.

National Level Advanced Workshop on “Effective Strategies in Research Project Proposal Writing and Linking Funding Agencies”, Loyola Institute of Frontier Energy(LIFE) and CAAS Research Foundation, Chennai, held on October 23 & 24, 2017.

Participated and obtained “A” grade in UGC sponsored 93rd Orientation Programme, Human Resource Development Centre, Bharathidasan University from 2nd March – 29th March 2017.

BOOK CHAPTER PUBLICATION:

Published a book chapter on, Authentic Leadership and Organisational Commitment: A positive Psychology Perspective, Transdisciplinary Threads: Crafting the Future through Multi Disciplinary Research ISBN 978-93- 92917-84 -4, Published on Dec- 2023.

IN SHORT:

- Presented Research articles in 7 International conferences and 10 National Conferences in Tamil Nadu.
- Participated in 22 International Conferences, 11 Webinars and 10 National and 3 Regional level workshops in Tamil Nadu.
- Resource Person for 8 Faculty Development Programs National Level.

Hereby, I declare that all the above furnished details are true to my knowledge.



[Dr. M.MARY MEJRULLO MERLIN]

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Indian Bank Colony,
KK Nagar, Tiruchirappalli-620 021.

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Blog ID: merlinprashanth-mathematics.blogspot.com