

Dr.R.MANGAI BEGUM,
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AcademicQualification:

- **M.Sc(YHE)-** Passed 2019 with First Class, Bharathidasan University. Trichy
- **Ph.D(ComputerScience)**–Completed in July 2018,Bharathiar University, Trichy
- **M.Tech(AdvancedIT)**–Passed2009withFirst Class, Bharathidasan University, Trichy
- **M.Phil(CS)**–Passed 2006 with First Class, St.Joseph's College, Trichy.
- **M.Sc.,(IT)**–Passed 2004 with First Class, University of Madras, Chennai.
- **M.A(Pub.Admn)**–Passed 2002 with First Class, University of Madras, Chennai.
- **B.B.A**– Passed1998 with First Class, Univeristy of Madras, Chennai.

TeachingExperience:

- Two Years(2002-2004) worked as a PG Assistant in Beta Matriculation Higher Secondary School, Guindy.
- Worked as a Lecturer in Bharathidasan University from2/7/06to14/07/09.
- Working as a Assistant Professor in St.Joseph's College, Trichyfrom16/07/2010 from till date.

Research Specialization : Data Mining, Cognitive Science.

Lesson Writer

- **Lesson Writer** for the CDE-MCA Programme–Software Engineering– 2008.

- **Lesson Writer** for the CDE-M.Sc(IT) Programme– Object Oriented Systems Development–2009

BOOK Published: RLO BY CLASSIFICATION ALGORITHMS –July 2024.

Resource Person

- Hebat -17,Evaluation of the Event-Flag Area Competition, organized by NCC Infantry, 25th February 2017.
- Special lecture on “Basics of Core Concepts ”at Annai Vailankanni Arts and Science College, Thanjavur on 25th July 2016.
- Special lecture on “Basic Needs of Programmers” at Sree Arumugham Arts and Science College, Tholudur on 26th September 2016.

International Journal Publications:

- International Journal of Scientific Research in Engineering and Management (IJSREM) “: Comparative Analysis on Automatic Keyphrase Extraction (AKPE) Techniques” Vol.8, Issue 07 July 2024.
- International Journal of Computer Science and Network Security, published a paper, “A Study and Analysis of COVID-19 Diagnosis and Approach of Deep Learning” (Web of Science Indexed Journal) VOL.22 No.9, September 2022.
- International Journal of Scientific Research in Computer Science, Engineering and Information Technology, published a paper “Automatic Attendance Marking System Using Face Recognition” ISSN : 2456-3307, Issue 3, Volume 3, March 2018.
- Journal of Emerging Technologies and Innovative Research, “Visual Cryptography Using Color Palette”, ISSN: 2349-5162, Volume 5 Issue 4 , April-2018.
- International Journal of Science and Technology, published a paper “Discovering Student Learning Style using MinMax Cascade Neural Network” ISSN : 0974-6846, Issue 25, Volume 10, July 2017.
- International Journal of Applied Engineering Research published a paper “Analyzing Empirical Relationship between the Kolb’s Learning Style and Learning Programming Skills through Classification Algorithms” (ISSN 0973-

4562 Volume 10, Number 21 (2015) pp 42638-42643).

- CiiT International Journal on Data Mining and Knowledge Engineering (January 2014)Published a paper titled “ABC of PPDM- Attack Based Classification of the Privacy Preserving Data Mining” (ISSN No. Print: ISSN 0974 – 9683 & Online: ISSN 0974 – 9640).
- CiiT International Journal on Data Mining and Knowledge Engineering(December2013)Published a paper titled “Predicting the Learning Behavior of Students based on Personality Trait and Comparing the Classification Algorithms” (ISSN No. Print: ISSN 0974 – 9683 & Online: ISSN 0974 – 9640)

Presented Papers in Conferences:

- Presented a paper “ Mapping the Empirical Relationship Between the Personality Traits and Kolb’s Learning Style Using Classification Algorithms” in 3rdNational Conference on Frontiers in Applied Sciences and Computer Technology, National Institute of Technology, Trichyon7thto 8th February2015.
- Presented a paper “Enhanced Methods for Software Selection and Evaluation” in National Conference on Computer Science and Communication Technology, St.Joseph’s College, Trichy on 16th and 17th February 2007.
- Presented a paper “ The Comparative Survey of On-Line and Off-Line Handwriting” in National Conference on Parallel and Distributed Computing, Cauvery College for Women, Trichy on 30th and 31stMarch 2006.

Participation in Conferences/Workshops/Orientations:

- Seminar on “Artificial Intelligence and Neural Networks”, S Mohamad Sathak A J College of Engineering, Chennai, 23rd to 28th June 2023.
- Seminar on “A kickstart to AWS cloud”, PSNA college Engineering and Technology, Dindugul, 24th May 2020.
- Seminar on “Cybercrime Challenges in Banking with IT Sector” SRM Arts and Science college, Chennai, 25th May 2020.
- Seminar on “Microsoft Azure and its services”, Bishop Heber College, Trichy, 27th May 2027.
- Seminar on “Research Methodology and Cloud Computing?”, SRI MEENAKSHI VIDYAL ARTS AND SCIENCE COLLEGE, Trichy, 29th May 2020.
- Seminar on “Role of Youth in Community Services”, St. Anne’s Arts and Science College, Chennai, 30th May 2020.
- Seminar on “Research Methodology”, Gnanamani college of Technology, Namakkal, 31st May 2020.

- Seminar on “An Overview of Machine Learning” Annai Vailankanni Arts & Science College, Thanjavur, 4th June 2020
- Seminar on “Recent Trends In Digital World” Patrician college of arts and science, Chennai, 4th to 7th June 2020.
- Seminar on “Scope and impact of Artificial intelligence and machine learning” Bishop Heber College, Trichy, 6th June 2020.
- Seminar on “Recent Trends in cloud computing” at Jamal Mohammed College, Trichy, 11th May 2020.
- Seminar on “Current Trends in Software Engineering: Agile and Scrum Overview” Bishop Heber College Trichy, 12th May 2020.
- Current Trends in Software Engineering: DevOps Overview”, Bishop Heber College, Trichy, 13th May 2020.
- Seminar on “Applications of Data Analysis in Data Science” National College, Trichy, 21st to 22nd May 2020.
- Workshop on “Current Trends in Computer Science”, Department of Information Technology, St. Joseph`s College, Trichirappalli, 7th September 2018.
- State Level Seminar on "Green IoT", St. Joseph`s College, 13th December 2019.
- National Seminar on “The Future with Artificial Intelligence”, St. Joseph`s College, 13th February 2020.
- Seminar on “Unleashing machine learning and cloud computing”, Holy cross college, Trichy, 9th May 2020.
- International Seminar on Research Concepts in Big Data Analytics and Internet of Things, Dept. CS, Engineering and Applications, Bharathidasan University, Trichirappalli, 20th March 2018.
- One Day workshop on “Software Development Trends in Technologies and Methodologies”, at Bharathidasan University Technology Park, Trichy on 19th march 2007.
- IGNOU-DEC Workshop for Lesson Writers on Development of Course Materials(SIM Format) and Quality Measures at Center for Distance Education, Bharathidasan University, Trichy on 27-29th December 2007.
- One Day Workshop on “Open Source Software”, at Bharathidasan University Technology Park, Trichy on 23rd and 24th January 2008.
- One Day Workshop on “Emerging Trends in Information Technologies”, at Bharathidasan University Technology Park, Trichy on 15th march 2008.

- IGNOU-DEC Workshop for Lesson Writers on Development of Course Materials, E-Content and Quality Measures at Center for Distance Education, Bharathidasan University, Trichy on 10-12th June 2008.
- Three Days Orientation Programme for the Newly Recruited Staff” on 10th and 12th June 2010, St.Joseph’s College, Trichy.
- Two Days Orientation Programme for the Faculty Members of Computer Science and Information technology on 10th and 1st June 2011, St.Joseph’s College, Trichy.
- Two Days Orientation Programme for Junior Staff on 13th and 14th June 2011, St.Joseph’s College, Trichy.
- Four Days Orientation Programme for Junior Staff on 11th and 14th June 2012, St.Joseph’s College, Trichy.
- One Day Workshop on “Smart Devices Programming using Android”, at St.Joseph’s College, Trichy, on 8th December 2012.
- One Day Workshop on “Research Challenges” conducted by Department of Mathematics PSG College of Technology, Coimbatore on 9th February 2013.
- One Day Workshop on “Hands on Training on Rapid Miner’ A Data Mining Tool” conducted by the Department of Information Technology, PSG Technology on 16th March 2013.
- One Day Workshop on “LaTeX“ conducted by the Department of Mathematics, St.Joseph’s College, Trichy on 13th August 2013.
- Two Day Orientation Programme on “Staff Orientation on Values”, St.Joseph’s College Trichy on 20th and 21st January 2014.
- International Conference in the “World Congress on Computing and Communication Technologies” on conducted by the Department of computer science, St. Joseph’s College, Trichy on 27th Feb to 1st March 2014.
- Two Day Workshop on “Regional Workshop on Statistical Packages” organized by Department of Statistics, St. Joseph’s College, Trichy on 7th and 8th March 2014.
- Two Day Workshop on “Workshop on Research Article and Patent Writing” organized by Department of Documentation and Information Science. CSIR-CLRI, Chennai on 1st and 2nd May 2015.

FDP Attended:

- FDP on “ Deep Learning Case Studies”, Tata Consultancy Services, Yeshwanthpur Campus, Bangalore, 25th to 31st October 2023.
- FDP on “Online Teaching Metrics“, SRM Institute of Science & Technology, Chennai, 12th to 18th May 2021
- One Week Online National Faculty Development Program on “ E-Contents and ICT Tools for Innovative Teaching & Learning” , RCP UNIVERSE GROUP OF INSTITUTIONS Roorkee, 1st May to 7th May 2021.
- Two Day FDP on Introduction to Internet of Things”, organized by ICT Academy, K. Ramakrishnan College of Engineering, Trichy on 21 and 22nd December 2017.
- TEQIP – II sponsored Faculty Development Programme on “**DATA MINING AND INFORMATION RETRIEVAL** “organized by PSG College of Technology , Coimbatore on 21-28th April 2014.
- Residential Programme on Training of College Teachers on Soft Skill Development, organized by Bharathidasan University Technology Park, 23rd to 27th April 2007.

Seminars and Workshops Organized

- Workshop on Internet of Things and its Applications, St. Joseph’s College, Trichy, 15th December 2017.
- Endowment Workshop on Current Trends in Computer Science, St. Joseph’s College, Trichy, 31st August and 1st September 2017.
- National Seminar on Effective Learning with Cloud-based Services and LMS, St. Joseph’s College, Trichy, 15th and 18th December 2016.
- Second National Conference on Frontier Research Areas in Computing Sciences, Department of CS, Bharathidasan University on 5th and 6th October 2007.