PROFILE

Dr.B. FATHIMAMARY
Assitant Professor
Department of Commerce CA
St.Joseph's College(Autonomous)
Tiruchirappalli- 620 002.

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RESIDENCE:

No.10, 12th Cross, Amman Nagar

Kattur, Tiruchirappalli-620 019, India.

EDUCATIONAL QUALIFICATIONS: M.C.A., M.Phil,SET,Ph.D.

ACADEMIC QUALIFICATION

- ➢ **Ph.D.** Computer Science – Bharathiar University-2019
- ➢ **TNSET** Computer Science – Mother Teresa University – 2017 & 2018
- ➢ **M.Phil** Computer Science – St.Joseph's College(Autonomous)– 2013
- ➢ **MCA** – Holycross College(Autonomous)-2012
- ➢ **B.SC** Mathematics –Urumu Dhanalakshmi College-2008

Experience : Working as an Assistant Professor of Commerce CA
in St. Joseph's College, Tiruchirappalli since 14-06-2014

Areas of Specialization: Cloud Computing, Networks, Database Management System

Research Supervision: M.Phil. Degree -Awarded – 02

BOOKS PUBLICATION

1. **Dr.B.Fathimamary** and Dr.D.I.George Amalarethinam, *Enhancement of Data Storage Security in Public Cloud Environment*, Mauritius, February 2020, ISBN:978-613-8-92206-3.

2. Dr.D.I.George Amalarethinam and **Dr.B.Fathimamary,** *Cloud Computing***,** Chennai, June 2024, ISBN: 978-93-6260-485-9.

CHAPTER PUBLISHED

1. **Dr.B.Fathimamary,** Digital Inclusion in Education: Bridging the Technological Divide among students, Delhi, February 2024, ISBN: 978-811-9-99840-1.

DETAILS OF PAPERS PRESENTED IN NATIONAL/INTERNATIONAL CONFERENCE

1. Presented a paper titled "*Survey on Benefits and Challenges of Cloud Computing*" at a National Conference held on April 2013 at Adhiparasakthi Engineering College, Melmaruvathur.

2. Presented a paper titled "*Security and Privacy issues in Location Based Services (LBS) -A Survey*" at a National Conference held on August 8, 2014 at S.T.HinduCollege, Nagercoil.

3. Presented a paper titled "*CRBS- An Architecture for accessing Location Based Services in Cloud*" at an International National Conference held on January 22, 2015 at Jamal Mohammed College, Trichy.

4. Presented a paper titled "*eDSSuMRT-Ensured Data Security Strategy using Matrix Random Traversal in Public Cloud Storage Environment*" at an International National Conference held on December 3, 2015 at Jamal Mohammed College, Trichy.

5. Presented a paper titled **"*Confidentiality Technique for Enhancing Data Security in Public Cloud Storage using Data Obfuscation*"** at International National Conference held on July 28 & 29, 2015 at Bishop Heber College, Trichy.

6. Presented a paper titled **"*Data Security Enhancement in Public Cloud Storage using Data Obfuscation and Steganography*"** at World Congress on Computing and Communication Technologies (WCCCT 2017) held on February 2-4,2017. (Included in IEEE Xplore)

7. Presented a paper titled **"*Security Enhancement for Public Cloud Storage with Minimum Cost*"** at International Conference On Mathematical Methods and Computation(ICOMAC-2017) held on December 11,2017.

8. Presented a paper titled **"Comparative Analysis of Obfuscation Techniques in Public Cloud"** at International Conference On Mathematical Methods and Computation(ICOMAC-2019) held on February 21-22,2019.

9. Presented a paper titled "Magical Encryption for Enhancing Data Security in Public Cloud Storage" at International Conference On Role of Artificial Intelligence in E-Commerce held on August 29, 2024.

PAPERS PRESENTED IN INTERNATIONAL JOURNAL

1. Security and Privacy issues In Location Based Services (LBS) -A Survey, Elsevier Processdings, pp.Np.67-74, 2014.

2. CRBS- An Architecture for accessing Location Based Services in Cloud,International Journal of Fuzzy Mathematical Archive, Vol.6,pp.No. 169-175,2015.

3. DMUCE- A Confidentiality Enabled Technique To Improve Cloud User Security,International Journal of Advanced Engineering Research, Vol.10, 2015, pp. No. 103-108.

4. eDSSuMRT-Ensured Data Security Strategy using Matrix Random Traversal inPublic Cloud Storage Environment" Vol.10, 2015, pp.No.272-279.

5. Confidentiality Technique for Enhancing Data Security in Public Cloud Storage using DataObfuscation, International Journal of Control Theory and Application, Vol.9, No.10, 2016, pp.107-113.

6. Data Security Enhancement in Public Cloud Storage using Data Obfuscation andSteganography, IEEE Explore, DOI 10.1109/WCCCT.2016.52, 2017.

7. Data Security Enhancement in Public Cloud Storage, Journal of Computing and Intelligent Systems,2017,pp.1-5.

8. Security Enhancement for Public Cloud Storage with Minimum Cost, International Journalof Pure and Applied Mathematics, 2018, pp.1-9.

9. Comparative Analysis of Obfuscation Techniques in Public Cloud, American International Journal of Research in Science, Technology, Engineering and Mathematics, 2019, pp.309-312.

10. Data Security Issues in Cloud - A Survey,International Journal of Research and Analytical Reviews,2020, pp.789-794.

DETAILS OF CONFERENCES / WORKSHOPS / SEMINARS ATTENDED

1. Attended the **"Use of AI for Effective Teaching and Learning"** held at St. Joseph's College, Tiruchirappalli on March 25th 2023.

2. Attended the **"International Conference on Entrepreneurship in the Post Covid Scenario: Perspectives and Challenges"**held at St. Joseph's College, Tiruchirappalli on 9th& 10th March 2023.

3. Attended the **"LOCF-A Reformative Roadmap towards Excellence"** held at St. Joseph's College, Tiruchirappalli on February 20 2023.

4. Attended the **"Financial Accounting Package- Tally Prime"** held at St. Joseph's College, Tiruchirappalli on September 30 2022.

5. Attended the "**Capacity Building Workshop on Entreneurial Skills"** held atSt. Joseph's College, Tiruchirappalli on September 21st 2022.

6. Attended the **"JOSTEL LMS"** held at St.Joseph's College, Tiruchirappalli on April 28th 2022.

7. Attended the "**International Seminar on Advanced Computing 2022"** held at Jamal Mohamed College, Tiruchirappalli on March 11,2022.

8. Attended the "**Implications of Digital Technology and Health Secotr on Indian Economy During Covid Era"** held at St.Joseph's College, Tiruchirappalli on November 13th 2021.

9. Attended the **"Preparing E-content for MOOCs on SWAYAM"** held at St.Joseph's College, Tiruchirappalli on October 23 2021.

10. Attended the "**FDP on "Open Educational Resources"- Search, Identify, Repurpose and create your OER**" held at St.Joseph's College, Tiruchirappalli on September 25th 2021.

11. Attended the **"National Level Faculty Development Programme on Making of E-Content"** held at St.Joseph's College, Tiruchirappalli on July 11th 2020.

12. Attended the **"Online Faculty Development Programme On Sap"** held at Jamal Mohamed College, Tiruchirappalli on May 18th 2020.

13. Attended the **"Online Faculty Development Programme on Data Science"** held at Jamal Mohamed College, Tiruchirappalli on May 18th 2020.

14. Attended the "Knowledge Gained Through the Challenging Exercise of Naac: Success Story" held at St.Joseph's College, Tiruchirappalli on May 15th 2020.

15. Attended the **"Research Methodologies & Its Applications"** held at AnnaiVailankanni Arts and Science College, Thanjavur on February 15th 2020.

16. Attended the **"International Conference On Mathematical Methods And Computation (ICOMAC 2019)"** held at Jamal Mohamed College, Tiruchirappalli on February 21-22 2019.

17. Attended the **"National Conference on Computing and Communication Technologies"** held at Jamal Mohamed College, Tiruchirappalli on February 20 2018.

18. Attended the "**Social Entrepreneurship: Sustainable Models and Practical"** held at St.Joseph's College, Tiruchirappalli onJanuary 27 2018.

19. Attended the "**International Conference on Advanced Computing**" held at Jamal Mohamed College, Tiruchirappalli on December 11 2017.

20. Attended the "**World Congress on Computing and Communication Technologies-2017**" held at St.Joseph's College, Tiruchirappalli on February 2-3 2017.

21. Attended the "A Two-Day National Seminar on Effective eLearning with Cloud based Services and LMS" held at St.Joseph's College, Tiruchirappalli on December 15th 2016.

22. Attended the "**National Conference on Computing and Communication Technologies**", held at Jamal Mohamed College, Tiruchirappalli on September 17th 2016.

23. Attended the "**International Conference on Computing Communication and Information Science**" held at Bishop Heber College, Tiruchirappalli on July 28th, 2016.

24. Attended the "**A One-Day Seminar on Importance of Statistical Design & Experiments in Computational Research**" held at Bharathidasan University, Tiruchirappalli on February 2,2016.

25. Attended the "**International Seminar on Research Performance Analysis and Strategy**" held at Bharathiar University, Coimbatore on February 18,2016.

26. Attended the "**Two day National Workshop on Big Data Analytics and Business Intelligence**" held at St.Joseph's College, Tiruchirappalli on January 4th 2016.

27. Attended the two day "**International Conference on Advanced Computing**" held at Jamal Mohamed College, Tiruchirappalli on December 03 & 04, 2015.

28. Attended the two day "**International Conference on Mathematical Methods and Computation**" held at Jamal Mohamed College, Tiruchirappalli on January 22-23, 2015.

29. Attended the one day seminar on "**Research Methodology in Computer Science**" held at Jamal Mohamed College, Tiruchirappalli on January 1, 2015.

30. Attended the One day seminar on "**Cloud Security"** conducted at M.A.M College of Engineering, Tiruchirappalli on March 14, 2014

31. Attended **"An Awareness and Demonstration Programme on SIXTH SENSE Technologies"** held at A.V.V.M Sri Pushpam College, Thanjavur on March 10,2014.

32. Attended the "**National Conference on Advanced Computing 2012"**held at Jamal Mohamed College, Tiruchirappall on March 5, 2014.

33. Attended the five day workshop & Training Programme on "**Cloud Infrastructure**" conducted at M.A.M College of Engineering, Tiruchirappalli on January 27-31, 2014.

34. Attended the "**National Seminar on Research Paper, Dissertation and Project Proposal Preparation**" held at Bharathidasan Institute of Technology, Anna University, Tiruchirappalli on February 14, 2014.

35. Attended the "**National Conference on Advances in Mobile Technologies**" conducted at SrimadAndavan Arts & Science College, Tiruchirappalli on September 20, 2013.

36. Attended the "**National Conference on Advanced Computing 2012"**, held at Jamal Mohamed College, Tiruchirappalli on March 1, 2013.

37. Attended the "**Workshop on Smart Devices Programming using Android**" held on organized by St.Joseph's College, Tiruchirappalli on December 8th 2012.