

Name : **Mrs. G. AMALREDGE**

Designation/Present position : Assistant Professor

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Periyar University Examiner ID : 2653

Broad field of Research : Data Mining

Qualification :

| Degree | Subject                        | Institution  | Year |
|--------|--------------------------------|--|------|
| M.Phil | Computer Science               | Sivagamiammal College of Arts and Science, Krishnagiri | 2016 |
| PG     | M.C.A                          | Annamalai University                                   | 2008 |
| UG     | B.C.A                          | Manonmaniam Sundaranar University                      | 2004 |
| UG     | Diploma in Computer Technology | Er. Perumal Manimekalai Polytechnic, Hosur             | 2001 |

Discipline/Area of specialization : JAVA, Data Mining, Visual Basic

Teaching Experience/Employment history :

| Designation         | From       | To         | University/Institution                                    |
|---------------------|------------|------------|---|
| Assistant Professor | 20.06.2016 | Till Date  | St. Joseph's College of Arts and Science for Women, Hosur |
| Assistant Professor | 18.06.2011 | 31.01.2014 | St. Joseph's College of Arts and Science for Women, Hosur |

M.Phil. /Ph.D. Candidates guided/awarded : M.Phil: **Nil**

Ph.D.: **Nil**

Editorial Activity/Journal Reviewer : **Nil**

### **Workshops/Seminars/Webinar Attended :**

1. One day National Level online Workshop on **“ChatGPT for Academics”** Organized by Department of Computer Science, St. Joseph’s College (Autonomous), Tiruchirapalli on **21.07.2023**.
2. One day Workshop on **“Skill Development Workshop on E-Content”** Organized by IQAC of St. Joseph’s College of Arts and Science for Women, Hosur on **02.03.2023**.
3. Webinar on **“Design Thinking as a Strategy for Innovation”** Organized by Computer Science Technical Association and IIC of St. Joseph’s College of Arts and Science for Women, Hosur on **24.02.2023**.
4. One day International Workshop on **“Internet of Things”** Organized by Department of Mathematics at St. Joseph’s College of Arts and Science for Women, Hosur on **11.02.2023**.
5. One day International Conference on **“Second International Conference on Prominent Challenges in Information Technology ICPCIT 2023”** Organized by Department of Computer Science at St. Joseph’s College of Arts and Science for Women, Hosur on **10.02.2023**.
6. One day National Level Faculty Development Programme on **“The Art of Writing and Publishing Research Papers”** Organized by Department of Commerce, St. Joseph’s College of Arts and Science for Women, Hosur on **16.11.2022**.
7. One day National Level webinar on **“Intellectual Property Rights”** Organized by NIPAM, IQAC and IPR Cell of St. Joseph’s College of Arts and Science for Women, Hosur on **14.11.2022**.
8. One day Workshop on **“Management of Intellectual Property Rights”** Organized by Department of Computer Science at St. Joseph’s College of Arts and Science for Women, Hosur on **02.11.2022**.
9. International Eminent Lecture Series on **“Global Trends and Practices in AI”** Organized by Department of Computer Science and Applications and IQAC, M.G.R College, Hosur on **14.09.2022**.
10. One day workshop on **“CS – A Pathway to Success”** Organized by Department of Computer Science at St. Joseph’s College of Arts and Science for Women, Hosur on **09.09.2022**.
11. One day workshop on **“Recent Trends in Technology”** Organized by Department of Computer Science at St. Joseph’s College of Arts and Science for Women, Hosur on **02.09.2022**.
12. Webinar on **“IP Awareness/Training programme – National Intellectual Property Awareness Mission (NIPAM)”** Organized by Intellectual Property Office, India on **13.08.2022**.
13. One day webinar on **“What’s Next”** Organized by Department of Computer Science at St. Joseph’s College of Arts and Science for Women, Hosur on **02.08.2021**.
14. International Webinar on **“Block Chain Technology in Medical Field”** organized by Department of Computer Science at St. Joseph’s College of Arts and Science for Women, Hosur on **19.06.2020**.
15. International Webinar on **“Block Chain Technology”** organized by Department of Computer Science at St. Joseph’s College of Arts and Science for Women, Hosur on **12.06.2020**.

16. One day International Conference on **“Prominent Challenges in Information Technology”** organized by Department of Computer Science at St. Joseph’s College of Arts and Science for Women, Hosur on **24.01.2020**.
17. One day workshop on **“Recent Trends on Internet of Things”** organized by Department of Computer Science at St. Joseph’s College of arts and Science for Women, Hosur on **16.07.2019**.
18. One day National Conference on **“Prominent Challenges in Information Technology”** Organized by Department of Computer Science at St. Joseph’s College of Arts and Science for Women, Hosur on **18.09.2018**.
19. One day workshop on **“Let Her Code”** at St. Joseph’s College of Arts and Science for Women, Hosur on **18.07.2018**.
20. One day workshop on **“Cyber Security”** at St. Joseph’s College of Arts and Science for Women, Hosur on **24.01.2018**.
21. One day workshop on **“Enlightening E-Commerce Entrepreneurship with amazon”** at St. Joseph’s College of Arts and Science for Women, Hosur on **01.08.2017**.
22. Two days workshop on **“PHP Scripting Language”** at St. Joseph’s College of Arts and Science for Women, Hosur on **01.02.2017 and 02.02.2017**.
23. One day workshop on **“Self Development, Motivation and Software Testing”** at St. Joseph’s College of Arts and Science for Women, Hosur on **02.12.2016**.
24. Two Days Training program on **“Legal Awareness Programme”** Organized by **WSC, Periyar University, Salem** at St. Joseph’s College of Arts and Science for Women, Hosur **from 25.10.2016 to 26.10.2016**.
25. One day workshop on **“Landsat Image Processing”** at St. Joseph’s College of Arts and Science for Women, Hosur on **14.10.2016**.
26. One day workshop on **“Lucid Philosophy for Computing”** at St. Joseph’s College of Arts and Science for Women, Hosur on **28.07.2016**.
27. One day seminar on **“SAP”** at SAP Technologies, Bangalore on **28.09.2013**.
28. One day seminar on **“Faith – An Interreligious Perspective”** at Sacred Heart College, Tirupattur on **18.09.2012**.
29. Seven Days Training program on **“Dot Net Programming”** Organized by **ICTACT** at Er.Perumal Manimekalai College of Engineering, Hosur **from 14.11.2011 to 21.11.2011**.

#### **International / National - Conferences / Seminars / Workshops Presented:**

1. Presented a paper named **“Location Based Browser for Secure Mobile Banking Using Geo-Mob”** in the National Conference on **Intelligence and Communication Technology** at Er. Perumal Manimekalai College of Engineering, Hosur on **10<sup>th</sup> March 2020**.
2. Presented a paper named **“Secured Bank Authentication using Geo-Location Based System”** in the two day International Conference on **Innovations in Physical Sciences, Information Technology and Social Sciences** at Sri Vidya Mandir Arts and Science College, Katteri, Uthangarai on **14<sup>th</sup> and 15<sup>th</sup> February 2020**.

3. Presented a paper named **“A Survey of Securing Data using Fingerprint Authentication”** in the National Conference on **Trends in Advanced Computing and Applications** at Adhiyamaan College of Engineering, Hosur on **18<sup>th</sup> March 2019**.
4. Presented a paper named **“E-AADHAR Using Biometric”** in the National Conference on **Recent Trends in Differential Equations** at St.Joseph’s College of Arts and Science for Women, Hosur on **January 23<sup>rd</sup> 2019**.
5. Presented a paper named **“A Survey of Cloud Computing with its Security Concerns”** in the National Conference on **Prominent Challenges in Information Technology** at St.Joseph’s College of Arts and Science for Women, Hosur on **September 18<sup>th</sup> 2018**.
6. Presented a paper named **“The Security Strategies in IoT – A Road Map”** in the National Conference on **Trends in Advanced Computing and Applications** at Adhiyamaan College, Hosur on **March 3<sup>rd</sup> and 4<sup>th</sup> 2017**.
7. Presented a paper named **“The Things, Services and Applications of IoT”** in the National Conference on **Advances in Computer Science and Applications** at Joseph Arts and Science College, Tirunavalur on **September 24<sup>th</sup> 2016**.

Number of Publications (International/National) : **9**

Recent Papers published: (Authors name, Journal name, Vol., year, pages):

1. **Amalredge. G**, Kokila. M, Geethanjali. M, Poornima. S **“Convolutional Neural Network For Iris Recognition”**, Data Analytics and Artificial Intelligence, (ISSN: 2583-5564), Volume 2, Issue 1, 2023, Pages 33-37, DOI: <https://doi.org/10.46632/jdaai/2/1/6>.
2. **AmalRedge.G**, Kokila. M, **“Mobile Robotic Arm for Opening Doors Using Proximal Policy Optimization”**, Data Analytics and Artificial Intelligence, (ISBN: 978-81-948459-4-2), Volume 3, Issue 2, 2023, Pages 107-112, DOI: <https://doi.org/10.46632/daai/3/2/20>.
3. **AmalRedge.G**, Kokila. M, **“Spam Detection in SMS Using Naive Bayes in Machine Learning”**, Data Analytics and Artificial Intelligence, (ISBN: 978-81-948459-4-2), Volume 2, Issue 5, 2022, Pages 191-194.
4. **AmalRedge.G**, Nandini.R, **“Geo-Mob – Location Based Browsing for Secured Mobile Banking”**, Adalya, an UGC Indexed Journal, (ISSN: 1301 - 2746), Volume 9, Issue 1, January 2020, Pages 833 – 838.
5. **AmalRedge.G**, Farheen Taj.S.E, **“A Survey of Securing Data Using Fingerprint Authentication”**, International Journal of Scientific Research in Computer Science Applications and Management Studies (ISSN: 2319 - 1953), Volume 8, Issue 2, March 2019.
6. **AmalRedge.G**, Pavithra.D.N, **“A Survey of Cloud Computing with its Security Concerns”**, Special Issue Published in IJTRD (ISSN: 2394 – 9333), September 2018, pages 41 – 45.
7. **AmalRedge.G**, Soundarya.M, Shruthi.S, **“Enhanced Secured mail Services Using SMTP”**, IJRASET, March 2018, pages 146 – 147.
8. **AmalRedge.G**, Bobby.S, **“The Security Strategies in IoT – A Road Map”**, Asian Journal of Applied Sciences (ISSN: 2321 – 0893), Volume 05 – Issue 01, February 2017, pages 165 – 172.
9. **AmalRedge. G**, **“The Things, Services and Applications of IoT”**, Special Issue Published in International Journal of Trend in Research and Development (IJTRD), ISSN: 2394- 9333, 2016,

#### **FDP Attended:**

1. National Level Faculty Development Programme on “**NAAC Accreditation and SSR Preparation**” Organized by Internal Quality Assurance Cell, St. Joseph’s College of Arts and Science for Women, Hosur from June 20<sup>th</sup> 2023 to August 19<sup>th</sup> 2023.
2. Completed Five days Virtual Faculty Development Programme on “**Data Analysis Using JASP**” organized by Department of Commerce, St. Joseph’s College of Arts and Science for Women, Hosur in association with Primax Foundation **from 24.04.2023 to 28.04.2023.**
3. Completed Six days Online Faculty Development Programme on “**Vulnerability Assessment and Penetration Testing**” organized by Centre for Cyber Intelligence, Sponsored by DST-CURIE-AI **from 06.03.2023 to 10.03.2023 and 13.03.2023.**
4. Completed five days National Level Faculty Development Programme on “**Using Innovative Tools to Teach Machine Learning**” organized by Department of Computer Science, Jyothi Nivas College Autonomous, Bengaluru **from 11.10.2022 to 15.10.2022.**
5. Completed a Lead Auditor Course on “**Environment Management System, Green Campus Audit, Energy Audit and Hygiene Audit on Educational Institutions and Industrial Sectors**” organized by Nature Science Foundation, Coimbatore, Tamil Nadu **from 26.09.2022 to 30.09.2022.**

#### **Achievements:**

1. Received the **Achievement award** for the Lighting the Lamp Project by Lion’s Club of Hosur on **July 2023.**
2. Participation and Commitment as a **Resource Person** in Tamilnadu State Council For Higher Education (TANSCH) sponsored **Soft Skill Training 2022-2023** at Government Arts College for Women, Krishnagiri on **01.03.2023.**
3. Published a book titled “**Web Technology**” by Charulatha Publications, Chennai on **22.12.2022.** (ISBN – 13: 978-93-5577-368-5)
4. Published a book titled “**Relational Database Management Systems**” by Charulatha Publications, Chennai on **12.11.2022.** (ISBN – 13: 978-93-5577-310-4)
5. Received the **Best Senior Faculty Award** from Novel Research Academy, Puducherry, India, Registered under the Ministry of MSME, Government of India on **November 2022.** (Permalink: <http://www.newswertia.com/certificates/certificate/mrs-g-amalredge/>)
6. Received an appreciation certificate on September 2022 from the Lion’s Club, Hosur for completing the “Lighting the Lamp” project for continuous six years.
7. Received the **Best Faculty Award** for the academic excellence and extraordinary contribution in enhancing the teaching and learning processes having adjudged during academic year 2020 – 2021 by Nature Science Foundation, Coimbatore, Tamilnadu, India on **September 2021.** (Reference No: NSF/BFA/2021/30)

8. Received the **Honorary Award** for the Lighting the Lamp Project by Lion's Club of Hosur on **August 2019**.