

Mrs. M. Prabha, B.Tech., M.Tech.,
Assistant Professor-III, Department of Information Technology,
Velammal College of Engineering and Technology, Madurai
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Educational Qualification

- **Post Graduation : M.Tech (Information Technology)**
 - University** : Kalasalingam University.
 - Percentage** : **9.089** out of 10 (CGPA)
 - Class** : **First Class with Distinction (Gold Medalist)**
- **Under Graduation : B.Tech(Information Technology)**
 - College** : Mohamed Sathak Engineering College, Kilakarai
 - University** : Anna University
 - Percentage** : **81%** (2006-2010)
 - Class** : **First Class with Distinction**
- **HSC** : Sri Sundareswara Vidya Sala MHSS, Melur
 - Percentage** : **81.92%** (2005-2006)
- **SSLC** : Sri Sundareswara Vidya Sala MHSS, Melur
 - Percentage** : **86.55%** (2003-2004)

Experience Details:

- Working as Assistant Professor from 1st June 2013 to till date in Velammal College of Engineering and Technology, Madurai.

Employment History

- **Name of the Institution:** Velammal College of Engineering and Technology, Madurai
 - **Designation:** Assistant Professor-III
 - **Period:** 01.06.2013 to till date.
 - **Course Handled:**
 1. Problem Solving and Python Programming
 2. Operating Systems
 3. Computer Architecture
 4. Cloud Computing
 5. Graphics and Multimedia
 6. Object Oriented Analysis and Design
 7. Computer Graphics
 8. Grid and Cloud Computing
 9. Web Technology

10. Social Network Analysis
 11. Distributed Systems
 12. Software Requirements Engineering
 13. System Software
 14. Principles of Communication
- **Lab Courses Handled:**
 1. Cloud Computing Lab
 2. Operating Systems Lab
 3. Mobile Application Development Lab
 4. Case Tools Lab
 5. Compiler Lab
 6. Data Mining Lab
 7. Computer Practices Lab
 8. Network Lab
 9. Microprocessor and Microcontroller Lab
 10. Advanced Databases Lab
 11. Software Engineering Lab
 - **Responsibilities:**
 1. Website Coordinator
 2. Information Coordinator
 3. Class Incharge for UG 2016-2020 Batch (2 Years) and 2013-2017 Batch (3.5 Years).
 4. Dept e-magazine incharge from the academic year 2017-18 (even) & 2018-19.
 5. Time Table Incharge for the Academic Year: 2015-2016 (odd).
 6. Cultural Coordinator
 7. Handbook incharge of college for the academic year 2014-2015 and 2017-2018.
 8. Placement – Assist for the academic year 2019-2020.
 9. GATE Coordinator for the academic year 2017-2018
 10. NBA – Criterion 4 Incharge
 11. NAAC – Criterion 2 Incharge
 12. Anna University result Analysis Incharge

Interested Research Areas

- Machine Learning
- Cloud Computing
- Internet of Things

Scholarships and Awards received

- Cleared “**TalentNext Wipro Certified Faculty Assessment**” and Awarded “TalentNext Wipro Certified Faculty (WCF) Certification” from Wipro Technologies during the year 2021.
- Awarded “**Gold Medal**” for I Rank in M.Tech.
- Secured “**I Rank**” in B.Tech.

Consultancy Project

- Developed and Maintaining “**College Website**” for Velammal College of Engineering and Technology, Madurai.

Online Certification Details

- Got NPTEL Online Certification for successfully completing the course on “Introducing To Operating Systems” with a consolidated score organized by IIT, Madras during July 2017 to September 2017.

Publications Details

1. International Journal/Conference Publication Details:

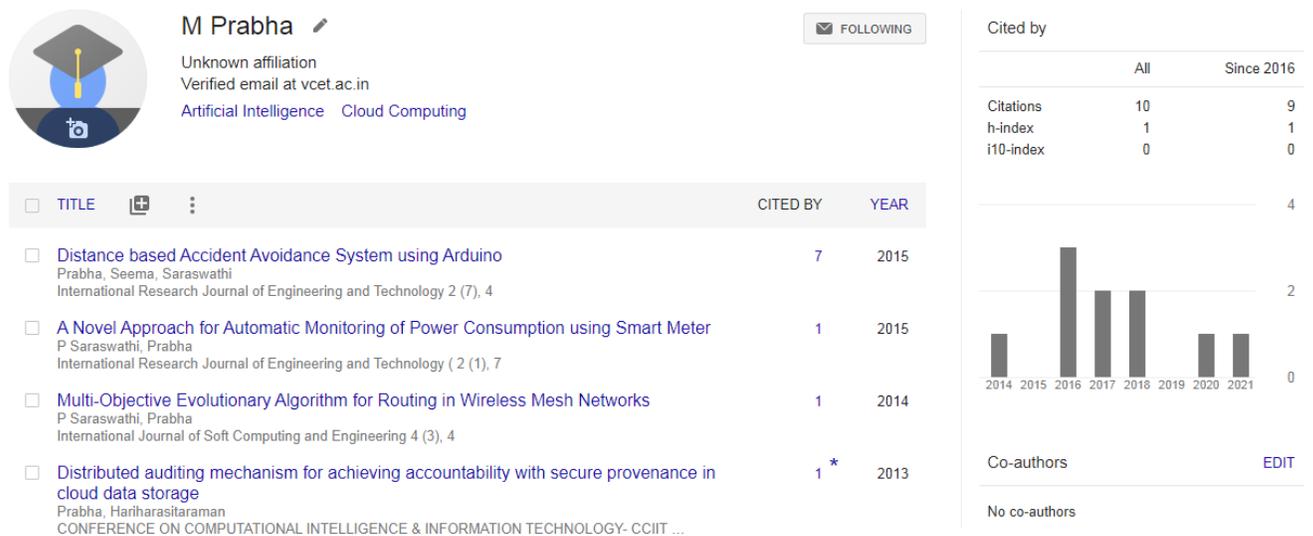
S. No.	Name of the Author	Title of the Paper	Name of the Journal
1.	M. Prabha, M. Abirami	Digital Agriculture with Fertilizer Monitoring and Moisture Sensing based on IoT	Int. Conf. on Power and Energy Systems-ICPES'17 by VCET (EEE), Madurai on 21.04.17 & 22.04.17
2.	M. Prabha, E. Sangita, Anitha	Safe Trek Android App using built-in Accelerometer and Magnetometer	Int. J. of Scientific Research in Science and Technology (IJSRST) IF:3.6 during May-June 2017
3.	M. Prabha, E. Sangita, Anitha	Safe Trek Android App using built-in Accelerometer and Magnetometer	1st Int. Conf. on Applied Soft Computing Techniques” in Kalasalingam University, Krishnankoil on 22.04.17 & 23.04.17
4.	M.Prabha, M. Abirami	Smart Yatra Application	Nat. Conf. on Innovative Technologies in Computer and Communication (ITC2 2k17) in VCET (CSE), Madurai on 04.04.17
5.	P. Saraswathi,	GSM Based Smart Surveillance System	International Journal of Advanced Research in Computer Science and

	M.Prabha	Using CCTV	Software Engineering (IJARCSSE), ISSN:2277, Volume-6, Issue-6, June, 2016
6.	M. Prabha, M. Seema, P. Saraswathi	Distance based Accident Avoidance System using Arduino	International Research Journal of Engineering and Technology (IRJET) Volume: 02 Issue: 07 Oct-2015
7.	P. Saraswathi, M. Prabha	A Novel Approach for Automatic Monitoring of Power Consumption using Smart Meter	International Research Journal of Engineering and Technology (IRJET) Volume: 02 Issue: 01 Apr-2015
8.	P. Saraswathi, M. Prabha	Multi-Objective Evolutionary Algorithm for Routing in Wireless Mesh Networks	International Journal of Soft Computing and Engineering (IJSCE) ISSN: 2231-2307, Volume-4, Issue-3, July 2014
9.	M. Prabha, Hariharasitaraman	Distributed Auditing Mechanism for Achieving Accountability with Secure Provenance in Cloud Data Storage	National Conference organized by Info Institute of Engineering, Coimbatore, on March, 28, 2013
10.	M. Prabha, Hariharasitaraman	Efficient Data Integrity Service In Cloud	Second International Conference on Computation and Communication Technology, 'ICCCT13' held on 1st and 2nd March 2013 Immanuel Arasar JJ College of Engineering Campus
11.	M. Prabha	A Novel Auditing Mechanism for Achieving Data Accountability with Public Verifiability in Cloud storage	International Conference on Innovative Trends in Computing & Technology, 'ICITCT13' held on 7th and 8th March 2013 Rajaas College of Engineering Campus.

2. Book Publication Details:

- Published a book titled “**Computer Programming Laboratory Manual**” in Lambert Academic Publishing, Germany. ISBN-13: 978-3-330-06280-1 on 27.03.2017

3. Google Scholar report:



4. Mentor for Students Projects

- Acted as Mentor for the team “Professional Pirates” in Smart India Hackathon 2017 (a National Competition) from 01.04.17& 02.04.17
- Acted as a mentor for K.Sathya, Uma Murugeswari, III Year (2013-17 batch) in Tech Thought conducted by Thiagarajar College of Engineering, Madurai on 07.03.16 and got II Prize Rs. 1500.
- Acted as Mentor for ACM ICPC contest(an International Competition) in 2014 for three teams and got Honorable Mention certificate.
- Acted as Mentor for E. Sangita and S. Ezhilarasi (2013-17 batch) ICTACT Student Innovator Award 2014 and got third prize.

5. Value Added Courses Conducted

- Value Added Course on Arduino for 2016-20 batch
- Value Added Course on HTML, CSS for 2013-17 batch

6. Events Organized Details

- Workshop on IoT on 23.12.19 & 24.12.19
- Coding and Debugging Contest on 25.07.18
- Workshop Mobile Application Development and IoT from 22.02.19 to 23.02.19
- Paper Presentation Contest on 18.09.18
- Organized Coding and Debugging Contest on 25.07.18
- Handled a session in SEAL’16 in VCET, Madurai
- Handled a session for One Week Techathon Workshop on 10.02.16

- Conducted Code Crush contest in VCET on 08.09.15
- Advanced Arduino Workshop for students of IT department on 26.08.14
- Arduino workshop for I year M.E, VCET, Madurai on 13.02.14
- Arduino workshop for III Year IT, VCET, Madurai on 12.02.14
- Arduino workshop for III Year IT, VCET, Madurai on 12.02.14
- Arduino workshop for II Year IT, VCET, Madurai on 17.01.14
- Workshop on HTML, CSS and JavaScript for II Year IT, VCET, Madurai, from 26.12.13 to 27.12.13
- Arduino workshop for I Year IT, VCET, Madurai on 12.12.13