



## D.PRABHU

Pukkhathurai village & post,  
Padalam (via),  
Madhuranthagam(TK),  
Kanchipuram(DT)-603308.,  
Tamilnadu, India.

**Email id :** prabhumecc@gmail.com  
**Mobile :** 91-99764-47335

### Career Objective:

To work in a challenging environment and to dedicate my service to the reputed Organization to expose my talents and skills.

### Educational Qualification:

- **Ph.D (pursuing)** in Computer Science and Engineering from SRM Institute of Science and Technology, Chennai.
- **M.E** in Computer And Communication Engineering from Sri Sai Ram Engineering college, Chennai with an aggregate of 78.7 during 2010 to 2012.
- **B.E** in Computer Science and Engineering from Annamalai University, Chidambaram with an aggregate of 79.7 during 2006 to 2010.
- **HSC** from Sri Ramakrishna Mission Boys Higher Secondary School, Chengalpattu with an aggregate of 73 during 2005 to 2006.
- **SSLC** from Sri Ramakrishna Mission Boys Higher Secondary School, Chengalpattu with an aggregate of 78 during 2003 to 2004.

### Computer Proficiency:

- |                    |                                    |
|--------------------|------------------------------------|
| ➤ Operating System | Windows, basics of LINUX           |
| ➤ Programming      | C, C++, basics of java.            |
| ➤ Packages         | MS-Office, MS-SQL.                 |
| ➤ Multimedia       | Photoshop, Illustrator, Corel Draw |

### Professional Experience:

- Working as an **Assistant Professor** in CHANIGARH UNIVERSITY, NH-95 Chandigarh-Ludhiana Highway, Mohali, Punjab from Aug21,2020 –till date.
- Worked as an **Assistant Professor** in **SRM INSTITUTE OF SCIENCE AND TECHNOLOGY**, (SRM UNIVERSITY) Ramapuram Campus, Chennai. from June19,2017 – June30,2020.
- Worked as an **Adhoc Lecturer** in **Sri Venkateswara Engineering College**, Telengana. from October26,2015 – June15, 2017
- Worked as an **Assistant Professor** in **ASAN Memorial College of Engineering and Technology**, Chennai. from June15,2012 – Janaury09,2015.

### Extra-Curricular Activities:

- Indian Naval NCC 'C' Certificate holder
- Actively participated in Blood donation in NCC camps
- **General Secretary** in Faculty of Engineering and Technology **Night school (Taking tuition for pre-school to high school students during NCC cadre period)** for 2 years in annamalai university campus.
- **Gold Medalist** in Inter Group Cultural (IGC) camp.
- Co-ordinated technical symposiums of my department
- Actively participated in quiz contest

### Hobbies:

- Doing Meditation
- Swimming, Reading books, Playing cricket, singing, dancing

### Core Professional Strengths :

- Strategic planning
- Meeting deadlines
- Syllabus adaptation / adjustment / modification
- Ability to manage educational projects and workshops for students.
- Remarkable liaising skills

### Area of Interest:

- Networking
- Data Structures
- Object Oriented Programming
- Computer architecture
- Operating system
- Design and Analysis of Algorithms

### Project :

<b>BE</b>	Title	:Detection and Correction of Cracks in Digitized Painting
	Description	:Detection of cracks in images by neighboring pixels and Correction of cracks by fill the color.
<b>ME</b>	Title	:Secure Group Communication in Wireless Sensor Network Using LUmatrix.
	Description	:Communication establish between a node and group by using matrix key.

### Journals & Conferences:

#### International :

<https://www.scopus.com/authid/detail.uri?authorId=57191420411>  
<https://scholar.google.com/citations?hl=en&user=oT492y4AAAAJ>  
<https://www.researchgate.net/profile/D-Prabhu-2>

1. Published a Paper Entitled “Detection of Advertisement Click Fraud Using Machine Learning” International Journal of Advanced Science and Technology  
Vol. 29, No. 5, (2020), pp. 3238-3245, ISSN: 2005-4238 IJAST Copyright ©2020 SERSC
2. Published a Paper Entitled “A Novel and Dynamic Framework for People Counting” International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-9 Issue-4, April 2020 Retrieval Number: D7440049420/2020©BEIESP DOI: 10.35940/ijeat.D7440.049420
3. Published a Paper Entitled “Nano scale communication via molecular diffusion ” International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-8 Issue-4, April 2019
4. Published a Paper Entitled “Automatic Paper Drafting Bot” in International Journal of Engineering and Advanced Technology (IJEAT), ISSN: 2249 – 8958, Volume-8 Issue-4, April 2019
5. Published a Paper Entitled “Smart Public Transport and Ticketing System with Real Time Analysis” in Journal of Adv Research in Dynamical & Control Systems, Vol. 11, 09-Special Issue, 2019
6. Published a Paper Entitled “Communication schemes for downlink networks” in Journal of Adv Research in Dynamical & Control Systems, Vol. 11, 09-Special Issue, 2019
7. Authored a Paper on An Implementation of Secure Authorized Elimination of Duplicate Copies of Files Using Security Enabled Approach Proceedings of IJRECS @ Aug – Sep 2016, V-6, I-ISSN-2321-5485 (Online) ISSN-2321-5784 (Print)
8. Authored a Paper on Group Communication in Wireless Sensor Network using Matrix Decomposition ICCPEIC-2012 Proceedings of international conference on computation of power, energy, Information and communication, 18<sup>th</sup> & 19<sup>th</sup> of April, 2012@ Adhiparasakthi Engineering College
9. Authored a Paper on “LIFE SAVER A HEART ATTACK DETECTION DEVICE” of International journal of engineering science and computing MAR 2018,V-8, I-3.
10. Authored a Paper on “GESTURE RECOGNITION VIA NEURAL NETWORK”of International journal of engineering science and computing APR 2018,V-8, I-4.
11. Authored a Paper on “VOICE RECOGNITION SYSTEM VIA VOICE”of International journal of engineering science and computing MAR 2018,V-8, I-3.
12. Authored a Paper on “ SMART LIGHT SOLUTIONS “of International journal of Advance Research and Innovative Ideas in Education 2018,V-4, I-2.
13. Authored a Paper on “HIGH SPEED DETECTION OF VEHICLE FOR AVOIDANCE OF ACCIDENTS ON ROADS”of International journal of engineering science and computing MAR 2018,V-8, I-3.

- National** : 1. Authored a Paper on Secure Group Communication in Wireless Sensor Network using LUmatrix “Spectrum 12” proceedings on National Conference on Emerging Advancements in Communication Technologies, January 28, 2012@ S.A.Engineering college.
2. Authored a Paper on Group Communication in Wireless Sensor Network using matrix Decomposition proceedings on National Conference Advanced Telecommunication Technologies (NCATT-2012), February 15, 2012@ K.S.R College of Engineering
3. Authored a Paper on Group Communication in Wireless Sensor Network using matrix Decomposition proceedings on National Conference Advanced Computing Systems (NCACS-2013), April, 2013@ AMCET

**Membership in Professional Bodies:**

- **(IACSIT)** International Association for Computer Science and Information Technology
- **(ISTE)** Indian Society for Technical Education
- **(IAENG)** International Association for Engineers
- **(CSTA)** Computer Science Teachers Association

#### **Faculty Develop Training Programme:**

- Participated in **AICTE** sponsored **Faculty Develop Training Programme** on **“Data Structures”** Organized by Department of Information and Communication Engineering in Anna University (CEG Campus) (19.06.13 to 25.06.13).
- Participated in **AICTE** sponsored **Faculty Develop Training Programme** on **“Theory of Computing”** Organized by Department of CSE,SKR Engineering College, Chennai.(10.06.13 to 17.06.13)
- Participated in **AICTE** sponsored **Faculty Develop Training Programme** on **“Operating Systems”** Organized by Department of Information and Communication Engineering, Anna University (CEG Campus) (09.12.13 to 15.12.13).
- Participated in **AICTE** sponsored **Faculty Develop Training Programme** on **“Design and Analysis of Algorithms”** Organized by Department of Computer Science and Engineering, Anna University (CEG Campus) (25.11.2015 to 01-12-2015)
- Participated in **Master Training Programme Module-III of Security Analyst** jointly Organized by JNTUH-NASSCOM-TASK in school of Information Technology, JNTUH

#### **ISTE workshop:**

- Participated in Two weeks **ISTE** workshop on **“DBMS”** conducted by IIT, Bombay attended in SRM University (21.05.13 to 31.05.13)
- Participated in One week **ISTE** workshop on **“Challenges in Space Technology”** conducted by Department of Aerospace Engineering in SRM University, Chennai.
- Participated in **ISTE** Short Term Training Program on **“Cloud Infrastructures and Services”** conducted by Department of Computer Science and Engineering in RMK College of Engineering and Technology, Chennai.

#### **Workshop:**

- Participated in State level workshop on **“Next Generation Wireless Networks”** in association with BSNL and NEXT GTECH Telecom organized by Department of Information Technology, Sri Sairam Engineering College,
- Participated in National level workshop on **“Free Open Source Software”** in SAACE
- Participated in National level workshop on **“WEBMINING using R-Tool”** in VIT UNIVERSITY (CHENNAI CAMPUS)
- Participated in Three-Day workshop on **“Cloud Computing and Practical Implementation”** in Anna University, Chennai.

#### **Seminars:**

- Participated in National level seminar on **“Emerging Trends in Next Generation Wireless Networks”** in VIT UNIVERSITY(CHENNAI CAMPUS)
- Participated in State level seminar on **“Research Tools and Techniques”** in PRESIDENCY COLLEGE, CHENNAI.

#### **Subjects Handled**

1. Data Structures and Object Oriented Programming using C++
2. Fundamentals of Computer Programming
3. Computer Networks

4. Advanced Computer Architecture.
5. Operating Systems
6. Professional Ethics in Engineering
7. Mobile and Pervasive Computing
8. Design and analysis of algorithms
9. Information Security Management
10. Guide Different UG projects

**Research Interests** : Image Processing and Machine learning

**Additional duties in department:**

- Class In-charge
- Alumni Association In-charge
- Time Table In-charge
- Feedback In-charge
- Floor and Lab In-charge
- Admission duty
- Exam cell duty
- Quality Improvement Cell duty
- Co-ordinate sports and cultural events in college.
- Co-ordinate various committees in symposium and conference conducted by department.

**Coordinated workshop: A Two-Day Workshop on “Security Analyst” Coordinated in Sri Venkateswara Engineering College, Suryapet, Telengana.**

**Activities Performed in SRM Institute of Science and Technology**

1. Anti Ragging Duty list preparation for every month for hostel visit
2. NSS Activity Mega Rally on “ A BAN ON PLASTICS AND ITS HARMFUL EFFECTS TO AN ENVIRONMENT ” on 3rd October 2019 .
3. Sports coordinator be a part of annual sports meet events
4. Industrial visit Accompany with students to “SANSBOUND NETWORKING SCHOOL” to extend their knowledge in networking domain on **29<sup>th</sup> August 2019**
5. Alumni interaction by Alumni : HARSHA KANDULA 2019 (passed out ) on **26 September 2019**
6. Guest Lecture by Mr. Ravikumar, senior technical manager,HCL technologies,chennai organized **3rd September 2019**
7. Guest lecture by Mr.Vignesh,Senior Technical analyst,Infozaint Technologies, Chennai organized **4th September 2019**
8. Hands on session on cisco packet tracer
9. Tutorial prepared and it comprised of study experiments, experiments using Ardiuno software

**Club events organized**

- SPECTRUM 2017 organized
- Hosted an event in Texus2018 and Texus2019.
- INTRILOGY on 10.08.2019
- Hands on Session on R-Programming on 24.08.2019
- WORKSHOP on IOT on 21.09.2019
- Taqnispy workshop on NLP on 15.02.2020

- Outreach program in schools on behalf of Institution

## **Department Responsibility**

### **Test Coordinator for past 6 semesters worked along different test coordinators**

1. Highly confidential work that cycle test question paper printing(nearly 30,000 copies of question paper for entire department)
2. Coordinate non-teaching faculties for bundle arrangements everyday during cycle test
3. Question paper distribution to every class room for everyday during cycle test
4. Bundle collection and distribution after cycle test
5. University practical examinations form preparations
6. COE communications Name list, subject handled list, subject list, section wise

**There will be no complaints under my supervision**

### **During Lockdown :**

#### **Video Lectures prepared for Courses**

- Software Engineering and Project Management
- Information and Network Security

#### **Organized**

- Boot camp organized on Data Science And Big Data on 26-05-2020 and 27-05-2020
- Workshop organized on Redhat Linux on 31-05-2020
- Guest Lecture organized on Web security on 16-04-2020
- Guest Lecture organized on Software Maintenance on 26-04-2020

#### **Courseera Certification**

- Introduction to programming with matlab certification
- Computer vision basics certification
- Getting started with AWS machine learning certification

#### **Participated in**

- Online Fdp On Data Science Conducted By Department Of Information Technology, Easwari Engineering College, Bharathi Salai, Ramapuram, Chennai-600 089 In Association With Spoken Tutorial, IIT Bombay from 20/04/2020 to 30/04/2020
- Seven days online fdp on 'R programming' from 22-05-2020 to 28-05-2020. conducted by Prakasam Engineering College, Kandakur In Association With Spoken Tutorial, IIT Bombay
- Six days online fdp on Data Science Using Python from 25-05-2020 to 30-05-2020 in association with CSI chapter
- Two day hands - on training on technology assisted teaching tools, CIT, COIMBATORE 29/05/2020 and 30/05/2020
- Two days webinar in computing paradigms Don Bosco College, Yelagiri Hills 21/05/2020 and 22/05/2020
- Basics of machine learning S.A. Engineering College 1/5/2020
- The future is here now by sky campus- ICTACADEMY

- How to write an effective research paper for peer reviewed journals in
- 21st century teaching skills
- Workshop on intellectual property rights
- Virtual reality

**SRI VENKATESWARA COLLEGE OF TECHNOLOGY** web series attended

- Redhat enterprise linux
- Deep learning for computer vision
- Emerging technologies in civil engineering
- Application of space technology in our day to day life

**CODEGENAN IT SOLUTIONS** web series attended

- webinar on "Machine Learning With Scikitlearn"
- webinar on "Data Visualization With "R " Programming"
- Webinar on "polynomial regression using python webinar materials"
- Webinar on building your career in data science

Saveetha Engineering College web series attended

**Pantech solutions** web series attended

- Machine learning
- Image processing using python
- Webinar on iot for industrial applications
- ML for healthcare applications

Job prospects in it industry : tools and techniques you need to learn” ST. Joseph’s Institute of Technology 7th june 2020.

Covid quiz combat attended

**NSS activity** organizes through google class room like

- Slogan competition
- Video competition
- Poster competition

**Activities Performed in UIE, Chandigarh University-Mohali.**

- Class handled in US based Software Blackboard through online
- Amcat used for Online proctoring
- Mettl used for entrance examination proctoring
- Practiced in various learning management system like Microsoft Teams, Zoom, Google class room

**Research oriented tasks**

- Started the book chapter in “**Introduction to AAS and UAV Systems**” in CRC\_I\_Drone\_21
- Patent entitled “**AI surveillance software to prevent overcrowding**” submitted.
- Presented a research paper in conference entitled “**TARS personal assistant**”
- Completed a course in courseera entitled “**Converting challenges into opportunities**”
- Completed course in Udemy titled “Machine learning & deep learning in Python & R”.

As an Part Time(External) Research Scholar from SRM Institute of Science and Technology

- Presented a research paper in conference entitled “**A role of drone technology in plant pathology**” in agriculture department, Chandigarh university.
- Presented a research paper in conference entitled “**A Survey on Precision agriculture using Machine Learning**” in IT department, Eswari Engineering college, chennai.

### Personal profile:

Date of Birth : **17-10-1988**  
Sex : **Male**  
Mother Tongue : **Tamil**  
Marital Status : **Married**  
Nationality : **Indian**  
Religion and Caste : **Hindhu Seer Karuneeagar**  
Languages Known : **English, Tamil.**  
Passport Number : **M2218227**

### Declaration:

I do hereby declare that all the information provided above are true to the best of my knowledge.

**Place:** Chengalpattu

**yours faithfully,**



**(D.Prabhu)**