

Dr. A. RAMACHANDRAN

Assistant Professor
Department of Computer Science and Engineering
Anna University : University College of Engineering Panruti



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Professional Summary

Extremely experienced and committed Engineering Professor with a solid record in both teaching and administration. Commitment to research and demonstrated over a lengthy tenure in academic roles. Influences strong communication skills to nurture meaningful and trusting associations with students, colleagues, and administrators. Student-centric instructor and good academic facilitator.



Core Qualifications

- *Extensive breadth of experience in engineering teaching at the college level*
- *Worked as senior associate for fortune 500 Companies in Mainframe Technology*
- *Strong ability to deliver course material through a variety of teaching methods*
- *Excellent presentation and communication skills*
- *Trained student's counsellor and motivator*
- *Great multitasking ability to balance teaching and administrative duties*
- *Outstanding proficiency in computer languages, Networking and Web Development*



Professional Experience



Assistant Professor

Anna University : University College of Engineering Panruti

02-10-2009 To Present

Assistant Professor

J.J College of Engineering, Tiruchirappalli

01-07-2009 To 30-11-2009

Senior Software Engineer – Mainframe Technology

Satyam Computers, Chennai

24-10-2006 To 26-06-2009

Lecturer

Srinivasa Institute of Engineering and Technology, Chennai

19-06-2005 To 19-10-2006



Summary of Education



Ph.D.	Information and Communication Engineering <i>Anna University, Chennai</i>	2011 - 2020
M.E.	Computer Science and Engineering – First Class <i>Annamalai University, Chidambaram</i>	2003 - 2005
B.E.	Computer Science and Engineering – First Class <i>Madurai Kamaraj University, Madurai</i>	1999 - 2002
D.C.Tech.	Diploma in Computer Technology - Distinction <i>MPNMJ Polytechnic, Erode</i>	1996 - 1999
M.B.A.	Systems & Project Management <i>Alagappa University, Karaikudi</i>	2004 – 2006



Administrative Responsibilities

- **Placement Officer (Present)**
- **AICTE Co-ordinator (Present)**
- **Website Administrator (Present)**

- *Head of the Department*
- *Executive Warden – Hostels*
- *TNEA Co-ordinator*
- *Exam Cell Co-ordinator*
- *Sports Co-ordinator*
- *NSS Programme Officer*
- *Campus Network Administrator*



Publication of Books and Patents



Book Title : Information Management <i>Publisher : Sri Krishna Hitech Publishing Company Pvt Limited(Engineering)</i> <i>ISBN. : 978-93-86590-07-7</i>	2017
Book Title : Social Media in Teaching and Learning <i>Chapter : Virtual Learning</i> <i>Publisher : ESN Publications</i> <i>ISBN. : 978-93-90188-02-4</i>	2020
Patent Title : FAH – Food Truck: Fully Automated Human less Food Truck <i>CBR No. : 19029</i> <i>Docket No. : 45885</i>	2019



PG & UG Projects Guided

M.E Projects Guided. : 12
B.E Projects Guided. : 35



Awards



Institute of Scholars – InSc Awards 2021
Research Excellence Award 2021

2021



Membership in Professional Bodies

Life Member

Indian Society for Technical Education (ISTE – ID: LM76243)

Professional Member

Institute of Scholars – InSc (Id: InSc20210276)

Member

Institute of Research Engineers and Doctors

Member

International Association of Engineers



Publication of Journals and Conferences

Fine-tuned residual network-based features with latent variable support vector machine-based optimal scene classification model for unmanned aerial vehicles

A Rajagopal, A Ramachandran, K Shankar, M Khari, S Jha, Y Lee, ...
IEEE Access 8, 118396-118404

A Deep Learning Model Based on Multi-Objective Particle Swarm Optimization for Scene Classification in Unmanned Aerial Vehicles

A Rajagopal, GP Joshi, A Ramachandran, RT Subhalakshmi, M Khari, ...
IEEE Access 8, 135383-135393

Rapid and proactive approach on exploration of vulnerabilities in cloud based operating systems

S Ramachandran, A Ramachandran
International Journal of Computer Applications 42 (3), 37-44

Rapid and proactive approach on exploration of database vulnerabilities

A Ramachandran, S Ramachandran
Engg Journals Publications

Optimal routing strategy based on extreme learning machine with beetle antennae search algorithm for Low Earth Orbit satellite communication networks

A Rajagopal, A Ramachandran, K Shankar, M Khari, S Jha, GP Joshi
International Journal of Satellite Communications and Networking

Intelligent rule-based approach for effective information retrieval and dynamic storage in local repositories

Ramachandran Alagarsamy, SASA Mary, The Journal of Supercomputing 76 (6), 3984-3998

Efficient Distributed Web Crawler Using Hefty and Enhanced Bandwidth Algorithms for Drug Website Search

*Ramachandran A, R. Arunpraksh, Aghila Rajagopal
International Journal of Machine Learning and Networked Collaborative*

An Intelligently - Focused Crawling for Filtering the e-Learning Documents Using Optimized Hidden Naive Bayes Classifier

*Ramachandran Alagarsamy, SASA Mary
An International Journal of Applied Mathematics & Information Sciences 13*

Survey on frauds in card not present Transactions

*A Ramachandran
National Conference on Technical advancement in computers and communication*

New Wireless Multifunctional Smart Robot for Border Security Surveillance with Real Time Object

KM Anandkumar, A Ramachandran, R Arunprakash, B Manikandan

The Role of Interdependencies in Software Requirements Analysis Estimation

*A Ramachandran, DJ Thessalonica, SA Lakshmi
International Journal of Computer Applications 975, 8887*

Detecting and Scheduling Bad smells using Java Agent Development (JADE)

*SA Lakshmi, SS Vadivu, A Ramachandran
International Journal of Computer Applications 67 (10)*

Rapid and Proactive Approach on Exploration of Bugs in Web based Software Development

*A Ramachandran, TC Sankar, S Ramachandran
International Journal of Computer Applications 72 (13)*

Detecting and Tracking inconsistencies automatically in Software Design Models

*A Ramachandran
National Conference on innovative trends in advanced Computing*

Rapid and Proactive Approach on Exploration of Computing System's Vulnerabilities

*A.Ramachandran, S.Ramachandran
International Conference on Information Communication & Embedded Systems*

Superior Routing Protocol for MANET

*A.Ramachandran, A.Sathiyaraj
CiiT International Journal of Wireless Communication 4 (4), 183-188*

Exploration of Taxonomical Vulnerabilities in Operating System

*A.Ramachandran, S.Ramachandran
CiiT International Journal of Networking and Communication Engineering*

Finger Print Analysis in Orientation Field

*A Ramachandran
National conference on Intelligent Computing in Communication and Automation*



Seminar / Short Term Course /FDP/ Workshop

"Deep Learning for Image and Text Analysis", organized by SSN College of Engineering during 13-11-2017 to 26-11-2017. (14 Days)

"Developing Pedagogical Skills for Teachers through Active Learning Techniques", organized by MAM college Of Engineering during 10-06-2013 to 22-06-2013. (13 Days)

"CS 6601-Distributed Systems", organized by _University College of Engineering Pattukottai during 30-11-2015 to 06-12-2015. (7 Days)

"CS-6303 Computer Architecture", organized by Oxford Engineering College Trichy during 16-06-2014to23-06-2014. (7 Days)

"CS6301-Programming and Data Structure II", organized by University College of Engineering Tindivanam during 08-06-2014to14-06-2014. (7 Days)

"Application of Data mining In Software fault Predictions", organized by Jayaram College of Engineering and Technology during 06-05-2013 to 11-05-2013. (5 Days)

"Guidance And Counselling", organized by NITTTR Chennai during 18-02-2013 to22-02-2013. (7 Days)

"CS6801-Multi Core Architecture And programming", organized by University College of Engineering, Panruti during 23-11-2016 to 29-11-2016. (7 Days)



Address for Communication

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<http://ucep.edu.in/cse/ram.pdf>