

Name	Dr. A. KANAGARAJ
Designation	ASSISTANT PROFESSOR
Date of Birth	06-11-1982
Address	PG Department of Computer Science, NGM College, Pollachi-642001
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Phone No	9790554271
Educational Qualification	M.C.A., M.Sc., M.Phil., Ph.D., DIR.,
Teaching Experience	7 year 6 months
Area of Interest	Pervasive Computing, Data Mining
Certifications	1
Awards and Recognition	NIL
Professional Bodies	NIL
Research Guidance (M.Phil /Ph.D)	Ph.D Guiding : 2
Student Funded projects	NIL
Mini project /Major project	Major Project Completed : 1
Academic Activities	2
Presenting Guest Lectures	NIL
Seminar, Workshop, Conference Attended	17
Faculty Development Program Attended	3
Resource Person in Seminar/FDP/Conference/Workshop	NIL
Papers Presented	10
Papers Published in Journals	10

Certifications

Diploma in Industrial Relations & Personnel Management (68.3%), Indian Institute of Management & Technology.

Academic Activities

NGM College e-Journal, NIRF.

Seminar, Workshop, Conference Attended

- “An Improved Canopy Clustering Algorithm Based Energy Conservation by Automates the Temperature Control System”, 3rd International Conference on Contemporary Issues on Management & Information Technology at Hotel Soleil, Bukit Bintang, Kuala Lumpur, Malaysia on 9th & 10th March 2016.
- “Role of Occupancy Sensors in Energy Management”, 2nd International Conference on Science, Technology and Management at Delhi University, Delhi on September 27, 2015.
- “Limitations of HVAC – Intelligent Energy Conservation System in Pervasive Computing Environment”, Fourth National Conference on Intelligent Computing at K.S.Rangasamy College of Arts and Science at Tiruchengode on 3rd and 4th September 2015. Hadoop Framework and Cloud Computing, Kongu Engineering College on 07th November 2015.
- "Significance of IEEE 802.15.4 in Pervasive Computing", 101th Indian Science congress at University of Jammu, Jammu from February 3 to 7, 2014.
- National Programme on Technology Enhanced Learning Workshop, IIT Madras, funded by MHRD Government of India on 31st Aug 2013.
- "Energy Conservation Using RF-Based Power Transfer for Wireless Sensor Devices Used in Pervasive Computing", 100th Indian Science congress at Calcutta university, Kolkata from January 3 to 7, 2013.
- “Ubiquitous and Pervasive Computing - A Survey”, National Conference on Advances in Computer
- Applications held at Bharathiar University on 28th March, 2012.

- “Classification of Rule Extraction for Retinal Detachment Diagnosis”, 3rd International Conference on Bioinformatics and Systems Biology (INCOBS-2012) held at Annamalai University, Annamalai Nagar from 16th to 18th February, 2012.
- Research in Computers: Why, What and How?, International Seminar held at Bharathiar University on 10th February, 2012.
- “A Neoteric Approach of Ant Colony Optimization to Construct Rule-Base for Retinal-Detachment”, International Conference on Innovations in the Digital World held at PSGR Krishnammal College for Women on 3rd January, 2012.
- Workshop on “Evolutionary Optimization Techniques”, Kumaraguru College of Technology on 17th and 18th June, 2011.
- Current Trends in Data Mining and Web Mining Applications, Defence Research and Development
- Organisation(DRDO) Sponsored Seminar held at Angel College of Engineering and Technology, Tirupur on 29th & 30th April, 2011.
- “Green Computing”, National Conference on Green Computing held at NGM College, Pollachi on 18th & 19th February, 2010.
- “Assessing Universal Quantification in XML”, 25th National Student Convention, conducted by Computer Society of India (CSI), Coimbatore Chapter at Kumaraguru College of Technology, Coimbatore on 24th & 25th September, 2009.
- Software Testing, Shanmugha Arts, Science, Technology and Research Academy, SASTRA University, Thanjavur on 2nd May to 4th May 2006.

Faculty Development Program Attended

- Capacity Building Workshop on ICT & Web Tools for Emerging Higher Education Needs, Nehru Arts and Science College, Coimbatore during 17th to 21st May 2016.
- E-Education : Content, Tools and Technologies, Nehru Arts and Science College, Coimbatore during 07.12.2015 to 11.12.2015.
- 07 day FDP on Autonomy and Outcome Based Education, Nehru Arts and Science College, Coimbatore during 24th to 30th of May 2015.

Papers Published in Journals

- **“An Improved Canopy Clustering Algorithm Based Energy Conservation by Automates the Temperature Control System”**, 3rd International Conference on

Contemporary Issues on Management & Information Technology at Hotel Soleil, Bukit Bintang, Kuala Lumpur, Malaysia on 9th & 10th March 2016. (Accepted and waiting for publication)

- **“Pervasive Computing Based Intelligent Energy Conservation System”**, *International Journal of Advanced Networking and Applications*, Vol 07, Issue 03, (Nov-Dec 2015), pp.2736-0290, ISSN: 0975-0290.
- **“Role of Occupancy Sensors in Energy Management”**, *International Journal of Advanced Technology in Engineering and Science*, Vol 03, Issue 01 (September 2015); pp. 460-467; ISSN 2348-7550.
- **“Significance of Wireless Sensing Standards for Data Transferring”**, *International Journal of Control Theory and Applications*, Vol 7, No 1 (January-June 2014); pp. 19-26; ISSN 0974-5572.
- **"Energy Conservation Using RF-Based Power Transfer for Wireless Sensor Devices Used in Pervasive Computing"**, *International Journal on Advanced Information and Communication Technology*, Vol 8, No.3(July 2012); pp. 115-120; ISSN 0974 – 7605.
- **"A Study on the Technologies Used in Ubiquitous and Pervasive Computing"**, *International Journal of Advanced Research in Computer Science*, Volume 3, No. 3, May-June 2012, pp.340-344, ISSN No. 0976-5697.
- **"Efficient Technique – Inductive Power Transfer in Wireless Computing Devices"**, *International Journal on Applied Information and Communication Technology*, Vol 7, No.1 (January 2012); pp. 19-22; ISSN 0974-7591.
- **“Enhanced Inductive Power Transfer in Pervasive Computing Devices”**, *International Journal on Advanced Information and Communication Technology*, Vol 7, No.4(October 2011); pp. 170-175; ISSN 0974 – 7605.
- **“Inductive Power Transfer for Pervasive Computing Devices – Using eCoupling”**, *International Journal on Advanced Information and Communication Technology*, Vol 7, No.2(April 2011); pp. 74-79; ISSN 0974 – 7605.
- **“Adaptive Architecture – Ethical and Economic Impact of Pervasive Computing in Wireless Networks”**, *International Journal on Applied Information and Communication Technology*, Vol 6, No.1 (January 2011); pp. 21-28; ISSN 0974-7591.