



DAYANANDA SAGAR ACADEMY OF TECHNOLOGY & MANAGEMENT
(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)
Opp. Art of Living, Udayapura, Kanakapura Road, Bangalore- 560082
DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING
Accredited 3 years by NBA, New Delhi (Validity : 26-07-2018 to 30-06-2021)

Faculty Name	Dr. Vinoth Kumar M	
Designation	Associate Professor	
Educational Qualification	B.E(CSE)., M.E(CSE)., Ph.D	
Experience in Years	14 years	
Area of Interest	Data Mining	
Email ID	vinojimail@gmail.com	

Educational Details

- **Ph.D:** Anna University, Chennai – May 2014.
- **M.E.:** Computer science and Engineering, Anna University, Chennai, May 2006
- **B.E:** Computer science and Engineering, Periyar University, Salem, May 2002

Personal Details

- Date of Birth : 15.07.1980
- Hobbies : Reading Books, Listening Music.
- Languages Known : English, Tamil

Professional Experience

- **Presently working as Associate Professor** in Information Science and Engineering Department at Dayananda Sagar Academy of Technology & Management, Bangalore from January 2018 to till date.
- Worked as **Professor** in Computer Science and Engineering Department at AVS Engineering College, Salem from September 2015 to December 2017.
- Worked as **Professor** in Computer Science and Engineering Department at AVS College of Technology, Salem from June 2014 to August 2015.
- Worked as **Associate Professor** in Computer Science and Engineering Department at K.S.R. College of Engineering, Tiruchengode from January 2012 to May 2014.
- Worked as **Assistant Professor** in Computer Science and Engineering Department at Jayam College of Engineering and Technology, Dharmapuri from November 2009 to

December 2011.

- Worked as **Lecturer** in Computer Science and Engineering Department at Jayam College of Engineering and Technology, Dharmapuri from June 2006 to December 2009.
- Worked as **Lecturer** in Computer Science and Engineering Department at Jayam College of Engineering and Technology, Dharmapuri from July 2002 to September 2004.

Publications

International Journals:

- **Dr.M.Vinoth Kumar**, "Machine Learning Approaches for Data analytics and Modeling: A Comprehensive Study", International Journal of Engineering Research in Computer Science and Engineering, Vol.5, Issue No: 5, May 2018.
- **Dr.M.Vinoth Kumar**, "GPS based Mobicast Routing Protocol for Underwater Sensor Networks", Asian Journal of Research in Social Sciences and Humanities, Vol.6, Issue No: 10, October 2016.
- **Dr.M.Vinoth Kumar**, "Soft Computing: Fuzzy Logic Approach in Wireless Sensors Networks", Circuits and Systems, ISSN: 2153-1285, Vol.7, pp.1242-1249, June 2016.
- **Dr.M.Vinoth Kumar**, "Fuzzy Relational Clustering Algorithm Based Multi-Agent Systems", International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), ISSN: 2319-8753, Vol.3, Special Issue 2, pp.117-120, April 2014.
- **Dr.M.Vinoth Kumar**, "Strength of Evolving Agent Population in MAS", International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE), ISSN: 2320-9801, Vol.2, Special Issue 1, pp.2183-2189, March 2014.
- **Dr.M.Vinoth Kumar**, "Analysis of Intelligent Data mining for Information Extraction using Java Agent Development Environment Platform" Journal of Computer Science (JCS), ISSN: 1549-3636, Vol. 9, No. 11, pp. 1451-1455, September 2013.
- **Dr.M.Vinoth Kumar**, "Intelligent Agent for extracting Interesting Information using mining Algorithm" in International Review on Computers and Software (IRECOS). ISSN: 1829-6003, Vol. 8, No. 5, pp. 1126-1134, May 2013.
- **Dr.M.Vinoth Kumar**, "An Analysis on Denial of Service attacks and Packets Defending Methodologies in Wireless Sensor Networks" in International Journal of Advanced Research in Computer Science and Software Engineering(IJARCSSE). ISSN: 2277 128X, Vol 2, No. 11, pp 52-55, November 2012.

Conferences:

- “ Machine Learning Approaches for Data Analytics and Modeling”, in 5th International Conference on Applied Science, Engineering and Technology(ICASET-18), at Sri Sairam College of Engineering, Bangalore on 17th and 18th May-2018
- “Strength of Evolving Agent Population in Multi-Agent System”, International Conference on “Global Innovations in Computing Technology”, in Jay Shriram Group of Institutions, Proc.ICGICT’14, pp.72, 6th & 7th March 2014.
- “Evaluating Multi-agent System Fitness in Agent Population”, First International conference on “Trends in Technology for Convergence”, in AVS Engineering College, Proc.TITCON’14, pp.146, 8th & 9th April 2014
- “Analysis Of Agent Based Programming For Important Information Extraction” in Sasurie College of Engineering, Tirupur.
- “An Agent based tool for extracting information in distributed Networks” in J.K.K.Nadaraja College of Engineering and Technology, Erode
- “Analysis of Intelligent Agent for artifact removal of EEG signals.” in Vivekanantha College of Engineering for Women, Tiruchengode.
- “Java Based Agent Tool in Multi Agent System for Bio signal Processing” in M.Kumarasamy College of Engineering, Karur.
- Dr.M.Vinoth Kumar, “Security Issues in a Multi-Agent Distributed Goal Satisfaction System (MADGS)”, National Conference on “Computing Communication Technology and Science”, in Muthayammal College of Engineering, Proc.NCCCTS’13, pp.337-340, 5th & 6th April 2013.
- “Mining of Semantic Web Content By Using Clustering and Agent Based Framework”, National Conference on “Advanced in Computing Communication, Electrical & Network Technologies”, in Sengunthar Engineering College, Proc.ACCENT-2K13, 6th May 2013.
- “Failure Inferencing based on IP FRR Mechanism for Handling failure in IP Networks” in K.S.R.College of Engineering, Tiruchencode
- “ Distributed Energy Efficient Clustering Algorithm for Wireless Sensor Networks” in Sri Sastha Institute of Engineering and Technology, Chennai.
- “Efficient Fast Network Recovery for link and node failure using MRC” Surya Engineering College, Erode.
- “Multi path secured Route Discovery in Mobile Ad Hoc Networks” in K.S.R.College of Engineering, Tiruchencode

- “Face Recognition using Laplacian Faces” in Government College of Engineering, Salem.

Academic Activity

- Faculty Development Program Coordinator on Machine learning using Python.
- Coordinator for Faculty Publication Details
- Coordinator for Research funding Projects.

Faculty Development Activity

- IEEE sponsored Workshop on Intellectual Property Right on 25 August 2018 at VTU Regional Center, Bangalore.
- Three Days Faculty development Program on “Out Come Based Education” from 18th to 20th June, 2018 at Dayananda Sagar Academy of Technology and management, Bangalore.
- Five Days Faculty development Program on “Machine Learning using Python” from 16th to 20th July, 2018 at Dayananda Sagar Academy of Technology and management, Bangalore.
- Organized Fourth National Conference on Knowledge Based Scientific Research and Communication Engineering - 2014 (NCKSRCE'14), held on 15th March 2014”, K.S.R. College of Engineering, (Autonomous).
- Organized 14th ISTE National level Student Convention 2011 organized in Jayam College of Engineering and Technology. Dharmapuri.
- Organized 22nd ISTE State level Student Symposium 2010 organized in Jayam College of Engineering and Technology. Dharmapuri.
- Organized National level Conference “TITCON - 2K4, 2K6 and 2K8” organized in Jayam College of Engineering and Technology. Dharmapuri.
- Participated in a two days Workshop on “Analysis and Diagnosis of BioMedical signals using Optimization Techniques.” held at Kongu Engineering College, Erode.
- Participated in an One day Workshop on “Cloud Computing and its Research Applications.” held at K.S.R College of Engineering, Tiruchencode.
- Participated in a two days Faculty Development Program - RIPPLE 2011 organized by Cognizant and ICT Academy of Tamilnadu, Chennai.
- Participated in an AICTE Sponsored Staff Development Programme on “Enterprise Computing” Organized by Sona College of Technology, Salem.
- Participated in a two days National Level Seminar on “ An Intelligent Based Wireless Ad Hoc and sensor networks and its Application” held at K.S.R College of Technology,

Tiruchencode.

- Participated in a Eight days Training program on “Certificate in java Programming” Conducted by ICT Academy of Tamilnadu held at Muthayammal Engineering College, Rasipuram.
- Participated in a seven days AICTE Sponsored Staff Development Programme on “Prospective Issues and Methodologies in Human Machine Interaction” held at National Engineering College, Kovilpatti.
- Participated 36th ISTE Annual Convention and National Seminar On “Impact of technical Education on Socio-Economic Growth of Nation” Organized by Vinayaga Mission’s Kirupananda Variyar Engineering College, Salem.
- Participated in a two days AICTE Sponsored Seminar on “Agent based Intelligent System” Held at Vivekanandha College of Engineering for Women, Tiruchencode.
- Participated in a two days Seminar on “Cloud Computing” Held at Institute of Road and Transport Technology, Erode.
- Participated in a four days Workshop on “Advanced java Programming.” held at Kongu Engineering College, Erode
- Participated 36th ISTE Annual Convention and National Seminar On “Quality, Sustainability and social Responsibility: Interfaces in Technical Education in the Context of Globalization” Organized by Bannari Amman Institute of Technology, Sathyamangalam.
- Participated in a two days Faculty Development Program on “Software Quality” organized by Accenture Technologies held at Anna University, Chennai.

Professional Membership

- Indian Society for Technical Education – Life Member
- Institute of engineers (India) – Associate Member
- Indian Science Congress Association – Annual Member
- Computer Science Teachers Association – Annual Member
- International Association of Engineers – Annual Member
- International Association of Computer science and Info. Tech. - Life Member

Contact Details

Associate Professor

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Bengaluru-560082

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My Vision

- Exploring research activities among student community
- Providing best teaching learning environment by advanced teaching methodologies.