

Dr. M Krishnamurthy, Ph.D.,

Professor & Head

Department of Computer Science and Engineering,
KCG College of Technology, Chennai, India – 600 097.

Teaching Experience: 28 Years

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- Research Interest
- Academic and Professional Honors
- Professional Services
- Sponsored Research Projects
- Publications
- Academic Background
- Academic and Industrial Experience
- Major positions held
- Workshops / conferences / FDPs organized
- Ph.D Students Guided
- Subjects Taught/Teaching
- Guest Lecture Delivered
- Special Talk through Media

- Participation at international events
- Professional Affiliations

Research Interest:

- Data Science and Data Analytics
- Artificial Intelligence
- Machine and Deep Learning
- Cloud Computing

Academic and Professional Honors

- Acknowledged as “Best Architecture” award in the Workshop on "Advanced Java Technologies", conducted by Cognizant Technology Solutions, Chennai during April 2000.
- A project on "Rule Builder” was selected as a Best project out of 60 Postgraduate projects that were defended during the academic year 1999-2000 in our college.
- A project on " An Escalated Space Preservation Mining Algorithm for finding Frequent Itemsets” was selected as a Best project out of 60 Postgraduate projects that were defended during the academic year 2008-09 in our college.

- Received “Man Engineer Award” from IET (UK) CLN Ambition and Achievement Award 2014 during 16th August 2014, in Chennai.
- Received “Distinguish Faculty” – 2016 (Data mining) from Venus International Foundation in Chennai on 09/07/2016.
- Received “Dedication in Teaching” from Lions Club of India, Chennai on 09/09/2017.

Professional Services

Reviewer:

- Second International Conference on Intelligent Information Technologies (ICIIT 2017) which was held at Anna University, Chennai, India during December 20 – 22, 2017
- National Conference on Recent Trends in Computing Applications - NCRTCA 2006, SVCE, Sriperumbudur, TN, India, May 2006.
- National Conference on Communication and Informatics (NCCI 2005), SVCE, Sriperumbudur, TN, India, Feb 2005.

Peer Reviewer:

- International Journal of Knowledge and Information Systems.
- International Journal of Physical Science.

- China Communications
- Journal of King Saud University (Elsevier Editorial System)
- International Journal of Advanced Intelligence Paradigms (IJAIP)
- International Journal of Advanced Intelligence Paradigms (Inderscience)

Sponsored Research Projects

- Received Rs. 1,60,000.00 for Research Project “Design and Development of Brain Computer Interface Applications for Locked-In-Syndrome Victims” from Tamil Nadu State Council for Science and Technology, Chennai, 2014-2106.

Publications:

1. Book Materials for TNOU

1. Mobile Computing
2. Windows Programming
3. Visual Programming
4. Networking Programming
5. Intranet Administration
6. Internet Programming
7. Multimedia Systems
8. Personal Computer Organization (PCO)
9. Computer Graphics
10. Digital Image Processing
11. Data Recovery
12. System Analysis and Design(SAD)
13. Web Design

14. Troubleshooting
15. Video Editing Process
16. Computer Hardware Servicing
17. 3D-Computer Graphics and Modeling
18. Adobe Photoshop
19. Macro Media Flash 8: Advanced Design
20. Software Testing
21. Data Communication and Networking
22. Network Security

2. Refereed Journals

- K. Srinivasa Rao, A. Ramesh Babu and **M. Krishnamurthy** "Identifying the Search Goals by Clustering Concept", International Journal of Recent Innovation in Engineering and Research, Vol.02, No: 11, pp. 31-37, 2017.
- Rajamohan V.R, **M Krishnamurthy** "Structured Data Analytics ff Social Network Reviews using Sentiment Analysis - SVM on Hadoop", International Journal of Recent Innovation in Engineering and Research, Vol.2, No.4, pp.47-52, 2017.
- R. Velmurugan, C. Jothi Venkateswaran and **M. Krishnamurthy**, "Mining Frequent ItemSet Based on Clustering of Bit Vectors", Indian Journal of Science and Technology, Vol 9. No.44, pp.1-7, 2016.
- R. Velmurugan, C. Jothi Venkateswaran and **M. Krishnamurthy**, "Frequent Itemset Generation using Reverse Mirroring Technique", International Journal of Control Theory and Applications Vol.9, No. 40, pp.19-31, 2016.
- Y.S.Kalai Vani, Dr. **M. Krishnamurthy**, "Survey of Various Approaches of Types of Intrusion Detection Techniques Based on Data Mining", in

proceeding of International Conference on Recent Innovations in Sciences Management, Education and Technology, (ICRISMET'16) , 2016.

- Vejeey Subash Gandyer **Krishnamurthy M** “Brain Mapper: A Brain to Canvas Communicator” in International Research Symposium on Engineering and Technology conducted by Higher Education Forum at Singapore, September 13-15, 2016
- **M Krishnamurthy**, D Sudha, Y Narasimha Rao, R Baskaran, A Kannan “An Effective and Customized Itinerary Planning System using Association Rule Mining Technique with Personalized Points of Interest”, Circuits and Systems Journal, Vol.7, No.7 pp. 1120-1131, 2016. **(Updated Annexure)**.
- R Vidhya, M Kanipriya., **M. Krishnamurthy**, S. Bairavel “Tracking and Analyzing the Public Opinion Variation on Twitter Using Graph Based Co-Ranking Algorithm”, **Accepted** for publication in Indian Journal of Science and Technology, 2016.
- K Kalpana, M Kanipriya, **M Krishnamurthy**, S. Bairavel “Aspect Based Sentiment Analysis For Textual Reviews Using Fuzzy C-Means Clustering Algorithm” International Journal of Applied Engineering Research, Vol. 10, No. 10, pp. 25819-25829, 2015. **(Annexure-II)**.
- K. Srinivasa Rao, **M. Krishnamurthy**, “Sensitive and Privacy Sensitive Attributes in Data Mining With Discrimination ”, International Journal of Exploring Emerging Trends in Engineering(IJEETE), Vol.2, No.3, pp. 142-151, 2015.

- K. Srinivasa Rao, **M. Krishnamurthy**, A Kannan "Extracting User Interests from Log using Long-Period ExtractingAlgorithm", International Journal of Exploring Emerging Trends in Engineering (IJEETE),Vol. 02, No.02, pp.29-34, 2015.
- K. Srinivasa Rao, **M. Krishnamurthy**, A Kannan, "Extracting the User's interests by Using Web Log Data Based on Web Usage Mining", **Journal of Computational and Theoretical Nanoscience**, Vol.12, No.12, pp.5031-5040, 2015 (**Annexure-I**).
- G Nagendra Babu, **M Krishnamurthy**, A Kannan "Efficient Hierarchical Data Aggregation in WSN with Mobile Sink" accepted for publication in **Journal of Computational and Theoretical Nanoscience**, Vol.12, No.12, pp.5041-5046, 2015 (**Annexure-I**).
- G. Nagendra Babu, **M Krishnamurthy**, "A Comparative Analysis of Routing Protocols for WSNs with Mobile Sink", International Journal of Engineering and Management Research", Vol. 5, No.4, pp.5-9, 2015.
- G. Nagendra Babu, **M. Krishnamurthy**, S. Zeenathunnisa, " Efficient Mechanisms for Data Gathering in Wireless Sensor Networks by Mobile Collectors", International Journal of Engineering and Management Research", Vol. 5, No.4, pp.105-107, 2015.
- G. Nagendra Babu, **M. Krishnamurthy**, G.Anusha "Mutli Level Priority based Packet Scheduling Scheme for Wireless Sensor Networks" International Journal of Engineering and Management Research", Vol. 5, No.4, pp.108-111, 2015.

- D Sathyanarayanan, **M. Krishnamurthy** "An Efficient Association Rule Based Dynamic Support Count Adaptation Model for XML Databases Using XQuery", **International Journal of Applied Engineering Research**, Vol. 10, No. 6, pp. 16129-16147, 2015 (**Annexure-II**).
- K. Srinivasa Rao, **M. Krishnamurthy**, A Kannan, "Mining User Interests from Web Log Data using Long-Period Extracting Algorithm", **International Journal of Applied Engineering Research**, Vol. 1, No. 1, pp. 25017-25025, 2015 (**Annexure-II**).
- **M Krishnamurthy**, K Manivannan, A Chilambuchelvan, E Rajalakshmi, A Kannan, "Enhanced Candidate Generation for Frequent Itemset Generation", **Indian Journal of Science and Technology**, Vol.8, No.13, 2015. (**Annexure-II**).
- **M Krishnamurthy**, K Manivannan, A Chilambuchelvan, E Rajalakshmi, A.Kannan "Frequent Itemsets Generation from Transaction Database and Rule Generation using Quine-McCluskey Method", **Middle-East Journal of Scientific Research**, Vol. 23, pp.222-231, 2015. (**Annexure-II**).
- R. RajKumar, **M.Krishnamurthy** "An Emphasized Dual Similarity Measure Integration for Online Image Retrieval System Using SimRank", **International Journal of Computing Algorithm**, Vol.04, No.1, pp.1123-1128, 2015.
- N. A. Anuja Jaishree, **M. Krishnamurthy** "Domain Specific Search By Ranking Model Adaptation Using Binary Classifier" **International**

Journal of Computer Engineering & Technology, Vol. 5, No. 3, pp. 23-33, 2014.

- N. Jaisankar, **M. Krishnamurthy**, S. Kousalya, A. Kannan “Frequent Itemsets Generation using Efficient Utility Mining Algorithm”, [International Review on Computers and Software \(IRECOS\)](#), Vol.9, No. 6, 2014. **Citation:1**
- Chitradevi D, **M. Krishnamurthy**, "A Survey on MRI based automated Brain Tumor Segmentation Techniques" International Journal of Advances in Computer Science and Technology, Vol. 3, No.11, 2014.
- N Jeyalashmi, V Vidhya, **M Krishnamurthy** and A Kannan “Frequent Itemset Generation Using Double Hashing” **International Journal of Procedia Engineering, Elsevier**, Vol. 38, pp. 1467-1478, 2012. **Citation:4**
- **M Krishnamurthy**, A Kannan, R Baskaran and R Deepalakshmi, “Frequent Itemset Generation Using Hashing-Quadratic Probing Technique” **European Journal of Scientific Research**, Vol.50, No.4, pp. 523-532, 2011. **Citation:9**
- **M Krishnamurthy**, A Kannan, R Baskaran and M Kavitha, “Cluster based Bit Vector Mining Algorithm for Finding Frequent Itemsets in Temporal Databases” **International Journal of Procedia Computer Science, Elsevier** Vol. 3, pp. 513–523, 2011. **Citation:4**

- **M Krishnamurthy**, A Kannan, R Baskaran and G. Bhuvaneshwari, “Hybrid Temporal Mining for Finding out Frequent Itemsets in Temporal Databases Using Clustering and Bit Vector Methods” **LNCS/Communications in Computer and Information Science, Springer**, Vol. 141, No.5, pp. 245-255, 2011. **Citation:4**
- **M Krishnamurthy**, A Kannan, R Baskaran and V Malini, “An Escalated Space Preservation Mining Algorithm for Finding Frequent Itemsets” **International Journal of Computer Engineering**, Vol.2 No.2, pp. 133-138, 2010. **Citation 2**
- **M Krishnamurthy**, A Kannan, R Baskaran and S Kanmanirajan, “Mining Frequent Itemsets using Temporal Association Rule” **CiiT International Journal of Data Mining Knowledge Engineering**, Vol.1, No.1, pp. 40-44, 2009. **Citation 3**
- **M Krishnamurthy**, A Kannan, R Baskaran and K Mythili “Temporal-Hmine-rev algorithm for Mining Frequent Patterns in Temporal Databases” **CiiT International Journal of Automation and Autonomous System** Vol.1, No.1, pp. 10-14, 2009. **Citation 3**

3. National Journals

- Maganti Venkatesh, **M Krishnamurthy**, A Swarupa, A Kannan “Mining Personalized e-learning System for Enhancing Learner Skills”, Asian Journal of Information Technology, Vol.15, No.22, pp. 4500-4511, 2016.

- K. Srinivasa Rao, **M. Krishnamurthy**, "Identifying Query Groups and Maintaining User Search Histories", Journal of Computer Science Engineering and Software Testing, Vol.1, No.3, 2015.
- K. Srinivasa Rao, **M. Krishnamurthy**, "Short-Period Algorithm for Extracting the User's Interests", Journal of Computer Science Engineering and Software Testing, Vol.1, No.3, 2015.
- K. Srinivasa Rao, **M. Krishnamurthy** "Mining User Interests from Web Log Data using Long-Period Extracting Algorithm" **Journal of Computer Science Engineering and Software Testing**, Vol.1, No.1, pp.25017-25025, 2015.
- N. A Anuja Jaishree **M. Krishnamurthy** "Domain Specific Search by Ranking Model Adaptation using Binary Classifier" **KCG Journal of Science and Technology**, Vol. 1, No.1, pp. 22-28, 2015.
- **M Krishnamurthy**, E Rajalakshmi, R Baskaran, A Kannan "Improved Cluster Based Mining Algorithm for Frequent Itemsets Generation Using Bit Vectors", **TQ- a Research Journal**, Vol. 01, No. 02, pp. 31-40, 2013.

4. International Conferences

- Nikhila Varghese, **M Krishnamurthy**, "Discovering Binding Cores in Protein-DNA using Rank-Based Weighted Association Rule" in the proceeding of IEEE sponsored FIFTH International Conference on Computing of Power, Energy & Communication, (ICCPEIC) April-2016.

- Vejey Subash Gandyer **Krishnamurthy M** Sanjeev Venkatesan “Brain Painter: A Novel P300-Based Brain Computer Interface Application for Locked-In-Syndrome Victims”, Proceedings of International Conference on Information Technology and Computer Science, Pattaya, Thailand, pp. 88-93, July 11-12, 2015.
- D Sudha **M. Krishnamurthy**, “Points Of Interest Discovery for an Economic and Customized Travel Plan using Clustering and Association Rule Mining Technique”, in the proceedings of **ICECE-2015**.
- **M Krishnamurthy**, Anith S. Pillai, N. A. Anuja Jaishree, A Kannan “Ranking Model Adaptation for Domain Specific Mining Using Binary Classifier for Sponsored Ads” **International Conference on Hybrid Intelligent System (HIS’2014), Kuwait, December 2014**.
- M Venkatesh, **M Krishnamurthy** “Mining High Utility Itemsets Using UP Growth + Algorithm from Transactional Database”, **International Conference on Advancements in Electrical, Electronics and Computing Technologies**, April 2014.
- **M. Krishnamurthy**, E.Rajalakshmi, R Baskaran, A.Kannan ” Prediction of Customer Buying Nature from Frequent Itemsets Generation using Quine-McCluskey Method” **Sustainable Energy and Intelligent System Conference**, December 2013.

5. National Conferences

- G. Nagendra Babu, **M. Krishnamurthy**, “Adaptable solutions to the security issues of Wireless Sensor Networks” in the proceedings of

National Conference on Advanced Computing Technologies NCACT, October 2015.

- M. Kanipriya, **M. Krishnamurthy**, “Analyzing Social Emotions in Audio and Video Content using Probabilistic Aspect Ranking Algorithm” in the proceedings of National Conference on Advanced Computing Technologies NCACT, October 2015.
- Nikhila Varghese, **M. Krishnamurthy** “Association Rule Mining: A Survey” in the proceedings of National Conference on Advanced Computing Technologies NCACT, October 2015.
- K. Srinivasa Rao, **M. Krishnamurthy**, “A Survey on Data Preprocessing Stage in Web Usage Mining”, in the proceedings of National Conference on Advanced Computing Technologies NCACT, October 2015.

Academic Background

- December 2012, PhD (CSE), Anna University, Chennai.
- June 2004, M.E (CSE), SVCE, Anna University, Chennai.
- May 1989, M.Sc (CSC), AVC College, Bharathidasan University, Trichy.
- May 1987, B.Sc (CSC), AVC College, Bharathidasan University, Trichy.

Academic Experience

Present

- June 2016 – till date, Professor & HOD,
Department of Computer Science & Engineering, KCG College of Technology,
Anna University, Chennai.

Past

- June 2013 – June 2016, Professor & HOD (PG),
Department of Computer Science & Engg., KCG College of Technology, Anna University, Chennai
- January 2013 - June 2013, Professor,
Department of Computer Science & Engg., SVCE, Anna University, Chennai.
- July 2012 – December 2012, Associate Professor,
Department of Computer Science & Engg., SVCE, Anna University, Chennai.
- June 2010 – June 2012, Associate Professor,
Department of Computer Applications, SVCE, Anna University, Chennai.
- June 2004 – May 2010, Assistant Professor,
Department of Computer Applications, SVCE, Anna University, Chennai.
- April 2000 - May 2004, Senior Lecturer,
Department of Computer Applications, SVCE, University of Madras,
Chennai.
- February 1997 - March 2000, Lecturer,
Department of Mathematics & Computer Applications, Sri Venkateswara
College of Engineering (SVCE), University of Madras, Chennai.
- November 1995 - February 1997, Lecturer,
Department of Computer Science & Engineering, Hindustan College of
Engineering, University of Madras, Chennai.

- December 1989 - February 1994, Lecturer,
Department of Computer Science, Jawahar Science College, Neyveli,
University of Madras, Chennai.

Positions Hold

- UG and PG teaching experience of 28 Years in teaching subjects for B.Sc Computer Science / B.E (CSE), MCA and M.E (CSE).
- Chairman in Board of Examination of MCA in AnnaUniversity.
- Member in Board of Examination of MCA / M.Sc(CS) / PGDCS University of Madras
- Coordinator for Cognizant Technology Solutions - SVCE – Project Guide.
- Resource Person for Bharadhidasan University Chennai, Vijayawada, Bangalore PCP Classes from 1995-2002.
- Coordinator for Bharadhidasan University Chennai PCP Classes from 1997-2002.
- Evaluator for Indira Gandhi National Open University.
- Syllabus Committee member cum Course writer for Tamil Nadu Open University.
- Board of Study Member for TNOU

SVIT-Illinois Institute of Technology Program

- Served as guest faculty and handled courses for the students of “Post Bachelorette Diploma in Software Engineering (Bridge Program) conducted by SVIT, in association with Illinois Institute of Technology, Chicago, during the academic year 2000-2001.

Conference/FDP/Seminar/Workshop Organized

- Arranged a guest lecture on Cloud Implementation for our CSE, IT and MCA Students with the help of Mr. K Mohanram Dy. Transport Commissioner, Government of Tamil Nadu on 24/08/13 in KCG Chennai.
- Arranged hands on training in Android for our CSE Students with the help of Mr. Madhav Rajan Android Developer on 03/08/13 in KCG Chennai.
- Conducted FDP on Problem Solving Techniques in Data Mining on 19 & 20/07/13 in KCG Chennai.
- National Conference on "Machine Learning and Computing"(May 12, 2010)
- FDP on A Practical approach to system software(23-24 Jan 2010)
- Two day Workshop on A Practical Approach to Algorithms(28-29 Jan 2009)
- Convener : National Conference on Recent Trends in Computing Applications - NCRCTCA 2006, Dept. of Computer Applications, Sri Venkateswara College of Engineering, Sriperumbudur, TN, India, May 2006.
- National Conference on "Recent Trends in Computing Applications"(May 3, 2006)
- Workshop on Object Oriented Design and UML(10-11 Nov 2005)
- Faculty Development Program in UNIX and Network Programming(May-05)

Conference/FDP/Seminar/Workshop Attended

- Workshop on Outcome Based Accreditation for NBA on 13 & 14/07/13 in KCG, Chennai.
- Research Proposal Writing Seminar on 27 and 28/06/13 in KCG, Chennai.
- ITalent- Confederation of Indian Industry(Jan-05,Tidel Park, Chennai)

- AICTE - ISTE sponsored STTP on Wireless N/W, Security & Programming. (Mar-07, RMK Engg. College, Chennai)
- Internet Technologies(Jan-07,Academic Staff College, JNTU, Hyderabad)
- SOA (Service Oriented Architecture)(Nov-07, CTS, Chennai)
- National Awareness Program on Intellectual Property Rights (Jul-08,SVCE,Sriperumbudur)
- Brain Modeling and Supercomputing(Jul-08,WARAN Research Foundation, Chennai)
- Challenges in Intelligent web Applications(Mar-09,Anna University)
- Recent Trends in Databases(Mar-09,Anna University, Chennai)
- How to do Research (Aug-09,Sathyabama University, Chennai)
- FDP in Open Source Technologies(Sep-10,CTS, Chennai)
- National workshop on MCA Curriculum Revision(Mar-11,Anna University, Chennai)
- One day workshop on LaTeX, organized by school of Information Technology and Engineering, VIT University, Vellore on 6 April 2012

Research Scholars Guided / Guiding

Ph.D. Students: **17**

Recognized Supervisor in:

- Anna University - 7 Scholars
- Hindustan University - 8 Scholars
- AMET University - 2 Scholars

M.E. Students: **21**

Subjects Taught/Teaching

@ UG (B.Sc) level

- Programming in BASIC.
- Programming in FORTRAN.
- Programming in COBOL.
- Programming in Pascal.
- Programming in C.
- Micro processor and its Applications.
- Digital Computer Fundamentals.

@ UG (BE) level

- Programming in C++.
- Programming in JAVA.
- Programming in Python.
- Computer Architecture.
- Programming Language Design and Implementation.
- Personal Computer Systems.
- Principles of Compiler Design.
- Information Retrieval.
- Programming and Data Structures
- Object Oriented Programming
- Data warehousing and Data Mining

@ PG level (MCA, ME)

- Data Structures.
- Design of Algorithms.
- Interactive Computer Graphics.
- Software Engineering
- Computer Networks.
- Operating Systems.
- DBMS (SQL and its usage)
- OOPS and C++.
- Distributed Computing.
- Programming in Java.
- Network Programming.
- Multimedia Systems.
- Data mining and Data warehousing.
- Principles of Programming Languages
- Internet Programming and Tools (HTML and JSP).
- Advanced Java Programming (J2EE).

Guest Lecture Delivered

- One Day Workshop on “Python Programming - SBOA Teachers” – 25/04/18, Chennai.

- Jury member for International Conference at Jeppiaar Engg. College on 23/03/18, Chennai.
- Keynote Address on “Machine Learning “ at Nandhanam Arts & Science College on 19/03/18, Chennai.
- Resource Person for the National level FDP at "Visual Analytics for Deep Learning" KCG on 22/11/17.
- Delivered lecture on “Hadoop and Mapreduce Technology” in AICTE Sponsored FDP at KCG on 03/11/17.
- Delivered lecture on “Big Data Mining systems for IOT” ” in AICTE Sponsored FDP at KCG on 30/10/17.
- Acted as Chief Guest cum Conference Session Chair Conducted by Kristu Jayanti College on 15/09/2017, Bengaluru.
- Resource Person in "Python Orientation for CSE and IT Faculty" at KCG College of Technology on 17/08/17.
- Session on “Impact of Data Mining” in Anna University approved FDTP at RIT on 10/06/17, Chennai.
- Session Chair in International Conference on Knowledge based Computing Technologies in KCG College of Technology on 04.02.17.
- Delivered a guest lecture in Two Days Workshop on Big Data Analytics conducted by Prathyusha Engineering College, Thiruvallur on 01/12/16.

- Delivered a guest lecture in Five Days FDP on Data Science and Big data Analytics conducted by KCG College of Technology on 01-11-2016.
- Delivered Spl. training in C++ to CSE students for those who are eligible to attend the Infosys campus drive on 4th and 5th of August 2016.
- Chaired BOS meeting at SOC in TNOU on 11/7/2016.
- Prepared and Presented SEED Award PPT at IITM on 25/06/2016.
- Conducted Online test for pre-placement students in association with Talent Sprint from 20-22/06/2016 and 27-29/06/2016.
- Chaired BOS meeting at SOCE in TNOU on 20/06/16.
- Delivered a guest lecture in DST Sponsored Ten Days Training Programme on Big Data Analytics conducted by HITS on 24/03/16.
- Delivered a guest lecture in UGC Sponsored One Day Workshop on Big Data Analytics conducted by L N Govt. College (Autonomous), Ponneri on 04/03/16.
- Acted as session chair in 2nd International Conference on Intelligent Computing Applications conducted by KCG on 06/02/16.

- Delivered a special address in the National level Symposium on “Innovations in the e-World” conducted by VidhyaSagar Women’s College on 28/09/2015.
- Delivered a guest lecture on Big Data Analytics at Ramakrishna Mission Vivekananda College on 22/09/2015.
- Delivered a guest lecture on Research Tools in the National workshop conducted by Anna Adarsh College for Women on 19/09/2015.
- Delivered guest lecture on “Impact of Data Mining” in the UGC sponsored seminar conducted by Govt. Arts College, Nandanam, Chennai on 13/03/2015.
- Delivered guest lecture on “Spatial Data Mining” in the FDP conducted by Anna University on 21/02/2015.
- Delivered guest lecture on “Information Technologies” in a workshop conducted by Department of MCA, KCG on 19/02/2015.
- Delivered guest lecture on “Cloud Computing” at HIET Polytechnic Padappai on 04/02/2015.
- Delivered guest lecture on “SW-Engg. Planning and Scheduling” in the FDP conducted by SVCE on 10/12/2014.
- Delivered guest lecture on “Informed Search and CSP” in the FDP conducted by Valliammai Engg. College on 09/12/2014.

- Delivered a guest lecture on Data Mining and Data warehousing to our second year BE CSE and IT students on 23/09/2014.
- Delivered special training program for our final year BE CSE students related to iGATE campus recruitment on 05/09/2014.
- Delivered special training program for our final year BE CSE students related to Infosys campus recruitment on 29/08/2014.
- Delivered Guest lecture on “Data Acquisition” at Hindustan University on 14/08/14.
- Delivered Guest lecture in FDP on “Indexing and Hashing” at Anna University on 29/06/14.
- Delivered Guest lecture in FDP on “Instruction Level Parallelism” at Dhanalakshmi College of Engineering on 18/06/14.
- Delivered Guest lecture in FDP on “Data Mining” at RMK Engineering College on 11/06/14.
- Delivered Key note address in National Level Conference on “Big Data Analytics” on 14/03/14 and Session Chair on 15/03/14 at St. Joseph College of Engineering and Technology, Palai, Kerala.
- Guest Lecturer in “Impact of Mining” on 21/02/14 at HIET, Polytechnic College, Padappai Chennai.
- Guest Lecturer in “Big Data Analytics” on 15/02/14 at ARM College of Engineering and Technology, Chennai.

- Guest Lecturer in CSIR – “Cloud Computing and its Components” on 17/12/13 at L.N Govt. College Ponneri.
- Guest Lecturer in FDP – “Transaction and Concurrency (DBMS)” on 10/12/13 at Dhanalakshmi College of Engineering, Chennai.
- Guest Lecturer on “Data Mining and Data Warehousing” on 28/09/13 at SMK FOMRA Institute of Technology.
- Guest Lecturer in National Level Workshop on “Exploring to Unexplored Research Issues in Mining” on 05/09/13 at NIITM, Coimbatore.
- Guest Lecturer on “Data Mining and Data Warehousing” on 26/08/13 at Hindustan College of Arts and Science, Chennai.
- One Day Seminar on “Project Management and Documentation” on 08/08/13 at KCG College of Technology, Chennai.
- Two Day FDP on “Problem Solving Techniques in Data Mining” on 19/07/13 and 20/07/13 at KCG College of Technology, Chennai.
- National Level Conference talk on “Intelligent Systems” on 12/07/13 at Hindustan University.
- Guest Lecturer in FDP - “Cluster Analysis” on 29/06/13 at Anna University, Pattukkottai.

- Acted as a judge for an event paper presentation in symposium which is conducted by SRM Valliammai Engineering College on 05/10/2013.
- Acted as a Judge for an event paper presentation in the International Conference SEISCON-2013.
- Acted as a judge for an event paper presentation in National Conference on "Big Data and Cyber Security which is conducted by Hindustan University on 27/02/2014.
- Guest Lecture in FDP - "Learning Techniques and Decision Tree Induction", on 08.12.12 at Anna University Constituent College, Tindivanam.
- Guest Lecture - "Standard Template Library in OOPs ", on 03.10.12 at KVCET, Chengalpet.
- Guest Lecture - "Macro Processor in System Software", on 03.10.12 at KVCET, Chengalpet.
- Guest Lecture in FDP - "Information Retrieval in Clustering", on 30.08.12 at IST, Anna University, Chennai.
- Guest Lecture - "Real Time Functionalities of Data Mining", on 24.08.12 at D B Jain College, Chennai.
- FDP on SOA, SOAP at Anna University, Chennai on 24/05/2012

- OOPS and Templates at RMK Engineering College on 04/05/2012
- Interface, Inner Class and Exception Handling at RMK Engineering College on 19/04/2012
- Key note address on JDBC at RMK Engineering College on 09/03/2012
- UGC Refresh Course on Data Mining at Bharadhidasan University, Trichy on 09/02/2012
- Data Mining Techniques and its Applications at Presidency College, Chennai on 16-12-2011 & 17-12-2011
- Essence of Data Mining at Anna University, Chennai on 20/04/2011
- Association Rules in Data mining at KarpagaVinayagar College of Engineering on 26/02/2011
- Loader Design options in System Software at KarpagaVinayagar College of Engineering on 28/08/2010
- Association Rules in Data mining at KarpagaVinayagar College of Engineering on 14/08/2010
- Research Issues in Semantic Web at Kongu Engineering College on 03-05-2010 & 04-05-2010

- Implementation Techniques of DBMS at Vellamal Institute of Technology on 15/02/2010
- FDP on System Software at SVCE on 23/01/2010
- Concept of Data Warehousing and Mining at Saveetha Engineering College on 02/12/2009
- Middleware Technologies at Prathiusha Engineering College on 20/11/2009
- Automated Software Engineering at Aalim Md. Salegh College of Engineering on 30/09/2009
- FDP on XML and Web Services at SVCE on 10/08/2009
- Principles of Programming Languages at VMKV Engineering College , Salem on 27/07/2009
- Essence of Programming languages at Department of Statistics, University of Madras on 20/07/2009
- Introduction to Data Mining at VMKV Engineering College , Salem on 20-04-2009 & 21-04-2009
- Introduction to Algorithms and Complexity at Sri Sai Ram Engineering College on 25/03/2009
- Java Programming at KarpagaVinayagar College of Engineering on 08/08/2008

- Classification and Prediction in Data mining at KarpagaVinayagar College of Engineering on 26/03/2008
- Introduction to Middleware Technology at SVCE on 24/01/2008
- Object Oriented Analysis and Design at Vellammal College of Management and Computer on 08/10/2007
- Essence of Databases Data mining at Arignar Anna Institute of Management Studies on 31/07/2007
- Introduction to Data Mining at St. Peter's Engineering College on 01/03/2007
- Data Mining and Data Warehousing at KarpagaVinayagar College of Engineering on 16/02/2007
- Network and Security at KumararaniMeenaMuthiah College of Arts and Science on 06/02/2007
- FDP on Unix and Network Programming at SVCE on 09/05/2006
- Key note address on Network Security at S K R Engineering College on 06/03/2006
- Workshop on Object Oriented Design and UML at SVCE on 10/11/2005

- Essence of Databases Data mining at Adhiparasakthi College of Arts and Science on 21/10/2005
- Training to SVCE Wipro recruits at Wipro, Chennai on May - June 2005
- Distributed Computing at RMK Engineering College on 16/03/2005
- Database Applications and Data Mining at SCSVM Deemed University, Kanchipuram on 23/02/2005
- Training to CTS Recruits at CTS, Chennai on Apr - May 2004

Special Talk Delivered Through Media

- “Big Data Analytics” in Podhigai TV on 12/12/2013
- “Green Computing” in Podhigai TV on 05/12/2013
- “Cloud Computing” in Podhigai TV on 27/02/2013.
- “The impact of Data Mining” in Podhigai TV on 10/10/2012.
- “Basics of Computer” in Podhigai TV on 12/09/2012.

Participation at International Events

- Presented paper at Gulf University for Science and Technology, **Kuwait**, 2014.
- Presented paper in IRSET Conference at **Singapore**, 2016.

Professional Affiliations

- Life Member, ISTE India
- Member, IET
- Life Member, CSI (India)