

PROFILE

Dr. O.A. MOHAMED JAFAR

Associate Professor in Computer Science
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Date of Birth and Age

28th May 1963 & 59 Years 10 Months

Education

- B.Sc. **Mathematics**, University of Madras, Madras, 1983
- M.Sc. **Applied Mathematics**, Bharathidasan University, Tiruchirappalli, 1985
- Post Graduate Diploma in Computer Applications (**PGDCA**), Bharathidasan University, Tiruchirappalli, 1988
- Post Graduate Diploma in Guidance and Counselling (**PGDGC**), Annamalai University, Annamalainagar, 1997
- M.Phil. **Computer Science**, Bharathidasan University, Tiruchirappalli, 1998
- Post Graduate Diploma in Human Resource Management (**PGDHRM**), Pondicherry University, Puducherry, 2007
- M.Sc. **Information Technology**, Karnataka State Open University, Mysore, 2010
- Ph.D. (**Computer Science**), Bharathidasan University, Tiruchirappalli, 2015

Date of Appointment

Management: 01-08-1988; Regular: 26-11-1990

Experience

Teaching: 34 Years 7 Months Research: 23 Years

Research Interest

- Data Mining · Nature-inspired Techniques Fuzzy Clustering

Research Supervision

- M.Phil. Degree: Awarded – 35 Pursuing – 1

Papers Published in International Journals

- “Ant-based Clustering Algorithms: A Brief Survey”, *International Journal of Computer Theory and Engineering (IJCTE)*, Vol. 2, No. 5, pp. 787-796, October 2010. (IACSIT; **ISSN:** 1793-8201; DOI: 10.7763/IJCTE)
- “A Survey: Hybrid Evolutionary Algorithms for Cluster Analysis”, *Artificial Intelligence Review*, Vol. 36, Issue 3, pp. 179-204, October 2011. (**Springer Netherlands; Impact Factor: 1.213; SCI; SCOPUS;** Print ISSN: 0269-2821; Online ISSN: 1573-7462; DOI: 10.1007/s10462-011-9210-5)
- “A Study of Bio-inspired Algorithm to Data Clustering Using Different Distance measures”, *International Journal of Computer Applications (IJCA)*, Vol. 66, No. 12, pp. 33-44, March 2013. (Foundation of Computer Science, USA; **Impact Factor: 0.821** for 2012; ISBN: 973-93-80873-72-4; ISSN: 0975-8887; DOI: 10.5120/11137-6216)
- “Hybrid Fuzzy Data Clustering Algorithm Using Different Distance Metrics: A Comparative Study”, *International Journal of Soft Computing and Engineering (IJSCE)*, Vol. 3, Issue 6, pp. 241-248, January 2014 (Blue Eyes Intelligence Engineering & Sciences Publications Pvt. Ltd.; **Impact Factor: 1.177** for 2013; **ICV: 6.30** for 2012; ISSN: 2231-2307)
- “Hybrid Fuzzy Based Nature-inspired Clustering Algorithms with Validity Measures”, *International Review on Computers and Software (I.RE.CO.S)*, Vol. 9, No. 6, pp. 928-937, June 2014 (Praise Worthy Prize, UK, **ELSEVIER-SCOPUS;** Index Copernicus – **Impact Factor: 6.14; SJR – Impact Factor: 0.22;** ISSN: 1828-6003)
- “Distance Based Hybrid Approach for Cluster Analysis Using Variants of K-means and Evolutionary Algorithm”, *Research Journal of Applied Sciences and Engineering and Technology (RJASET)*, Vol. 8, Issue 11, pp. 1355-1362, September 2014 (Maxwell Scientific Organization, **ELSEVIER-SCOPUS;** ISSN: 2040-7459; e-ISSN: 2040-7467)
- “Data Clustering Based on Hybrid of Fuzzy and Swarm Intelligence Algorithm Using Euclidean and Non-Euclidean Distance Metrics: A Comparative Study”, *Journal of Theoretical and Applied Information Technology (JATIT)*, Vol. 69, No. 3, pp. 599-610, November 2014 (Little Lion Scientific Islamabad Pakistan Publisher, **ELSEVIER-SCOPUS;** ISSN: 1992- 8645; E-ISSN: 1817-3195)
- “Distance Based Approach for Data Clustering problems Using Hybrid K-means++ and Improved Fuzzy c-means Algorithm”, *International Journal of Applied Engineering Research (IJAER)*, Vol. 10, No. 82, pp. 477-483, December 2015 (Research India Publications, **SCOPUS INDEXED,** Print ISSN 0973-4562, Online ISSN 1087-1090; Paper Presented in the International Conference on Advanced Computing (ICAC 2015) held at Jamal Mohamed College (Autonomous), Tiruchirappalli during December 3 – 4, 2015)
- “Prediction of Skin Diseases Using Data Mining Techniques”, *International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE)*, Vol. 6, Issue 7, pp. 313-318, July 2017 (Print ISSN 2319 5940, ISSN Online 2278-1021)
- “A Study of Brain Tumor MRI Image using Distance Based Clustering Algorithms”, *International Journal of Engineering Research in Computer Science and Engineering (IJERCSE)*, Vol. 5, Issue 1, pp. 80-86, January 2018 (UGC Approved – Journal No. 64769, ISSN Online 2394-2320)
- “A New Hybrid Hard-Fuzzy (K-MFCM) Data Clustering Method for Finding Cluster Centroid”, *International Journal of Advanced Research in Computer Science (IJARCS)*, Vol. 9, No. 3, pp. 626-631, April 2018. (**UGC Approved** – Journal No. 16320, ISSN No. 09765697)

“A Study of Different Similarity Measures on the Performance of Fuzzy Clustering”, *International Journal of Computer Sciences and Engineering (IJCSE)*, Vol. 6, Issue 4, pp. 168-173, April 2018. (**UGC Approved** – Journal No. 63193, ISSN No. 2347-2693)

Papers Presented & Published in International Conferences

“Fuzzy Algorithm for Data Clustering Using Different Distance Measures”, Proceedings of the International Conference on Mathematical Modeling and Applied Soft Computing, Vol. II, pp. 1212-1218, July 2012. (Shanga Veerlag, ISBN: 978-81-923752-2-9)

“A Study on Fuzzy and Particle Swarm Optimization Algorithms and their Applications to Clustering Problems”, *Proceedings of the IEEE International Conference on Advanced Communication Control and Computing Technologies (ICACCCT 2012)*, pp. 462-466, August 2012. (**IEEE Xplore**; ISBN: 978-1-4673-2048-1/12; DOI: 10.1109/ICACCCT.2012.6320823)

“A Study on Possibilistic and Fuzzy Possibilistic C-Means Algorithms for Data Clustering”, *Proceedings of the IEEE International Conference on Emerging Trends in Science, Engineering and Technology (INCOSSET 2012)*, pp. 90-95, December 2012. (**IEEE Xplore**; ISBN: 978-1-4673-5144-7/12; DOI: 10.1109/INCOSSET.2012.6513887)

“A Comparative Study of Hard and Fuzzy Data Clustering Algorithms with Cluster Validity Indices”, *ELSEVIER Proceeding of the International Conference on Emerging Research in Computing, Information, Communication and Applications (ERCICA 2013)*, pp. 775-782, August 2013 (**ELSEVIER - SCOPUS**; ISBN: 978-93-5107-102-0; DOI: 03.elsevierst.2013.1.120)

Seminars / Conferences / Workshops Attended

Seminar on *Research in Computer Science – Recent Trends* organized by Department of Computer Science, St. Joseph’s College, Tiruchirappalli on 6th and 7th December 1996

Workshop on *Artificial Neural Networks: Fundamentals to diverse applications* conducted by IEEE and Regional Engineering College, Tiruchirappalli on 10th April 1999

Conference on *IT for MS Applications* organized by Operational Research Society of India, Bangalore Chapter, Department of Management Studies, Indian Institute of Science, Bangalore on 27th and 28th July 1999

Intercollegiate Staff Seminar on *Java and its Applications* organized by Department of Computer Science, St. Joseph’s College, Tiruchirappalli on 17th and 18th September 1999

National Conference on *Recent Trends in Advanced Computing* organized by Department of Computer Science, Manonmaniam Sundaranar University, Tirunelveli on 11th and 12th February 2000

State Level Workshop on *Computer Applications in Research Analysis* organized by Department of Economics, St. Joseph’s College, Tiruchirappalli on 9th and 10th March 2000

National Conference on *Advanced Developments in Digital Age (ADAGE – 2001)* organized by Division of Computer Applications, Karunya Institute of Technology, Coimbatore on 30th and 31st March 2001

National Conference on *Information Technology* organized by Department of Computer Science, Fathima College, Madurai on 4th and 5th October 2001

State Level Seminar on *Quality Enhancement Substance in Higher Education*, organized by NAAC, Bangalore at Jamal Mohamed College, Tiruchirappalli on 27th March 2002

A two days Seminar on *Research Trends in Information Technology* at St. Joseph's College, Tiruchirappalli on 28th February 2003 and 1st March 2003

Workshop on *Student Counselling* at JJ College of Engineering & Technology, Tiruchirappalli, on 11th October 2003

Regional Seminar on *Networking & Data Mining* at Ponnaiyah Ramajayam College, Thanjavur on 12th March 2004

Faculty Development Programme on *Effective Teaching Techniques* at AVC College of Engineering, Mayiladuthurai, on 9th and 10th September 2004

Workshop on *Industries – Institutions Interaction* organized by the CSI Trichy Chapter, CSI Women Students' Branch of SIGC, Internet Users' Club of Trichy, Tiruchirappalli IT Industries Association and BHEL Small Scale Industries Association, on 6th and 7th January 2005

UGC Sponsored National Conference on *Computer Science and Informatics* at St. Joseph's College, Tiruchirappalli, on 18th and 19th February 2005

National Level Seminar on *Emerging Trends in IT* at Department of Computer Science, Bharathidasan University, Tiruchirappalli on 3rd and 4th February 2006

UGC Sponsored three day Workshop on *Curriculum Development and Evaluation* organized by UGC – Academic Staff College, Bharathidasan University, Tiruchirappalli, conducted at Jamal Mohamed College, Tiruchirappalli on 2nd to 4th March 2006

State Level Technical Symposium on *Enterprise Management Software in Indian Context – Issues and Solutions* at Department of Information Technology, Bharathidasan University, Tiruchirappalli on 18th March 2006

State Level Seminar on *Recent Trends in IT* at Department of Computer Science, Jamal Mohamed College, Tiruchirappalli on 28th March 2006

National Conference on *Frontier Research Areas in Computer Science*, Bharathidasan University, Tiruchirappalli, on 17th and 18th August 2006

UGC Sponsored National Level Seminar on *Commerce Education in the New Millennium – Challenges & Perspectives* at PG & Research Department of Commerce, Jamal Mohamed College, Tiruchirappalli on 14th and 15th September 2006

Second National Seminar on *Information Technology*, Department of Computer Science, Bharathidasan University, Tiruchirappalli, on 23rd and 24th February 2007

State Level Workshop on *Research Prospects in Data Mining*, Department of Computer Science, Jamal Mohamed College, Tiruchirappalli, on 22nd March 2007

National Seminar on *Teaching Skills and Quality Assurance* at Dr. Mahalingam College of Engineering & Technology, Pollachi, Tamilnadu on 8th August 2007

Workshop on *Pattern Recognition* at Department of Computer Science, Periyar University, Salem on 1st September 2007

National Conference on *Frontier Areas In Computing Sciences* organized by the Department of Computer Science, Bharathidasan University, Tiruchirappalli on 5th and 6th October 2007

National Conference on *Intelligent Computing Models* organized by Department of Computer Science, Periyar University, Salem on 22nd and 23rd February 2008

Two days Workshop on *Data Analytics and Data Mining* organized by the Department of Mathematics and Department of Computer Applications, NIT, Tiruchirappalli on 14th and 15th March 2008

National Conference on *Fuzzy Mathematics and Graph Theory*, Catalysed and supported by Tamil Nadu State Council for Science and Technology, Govt. of Tamil Nadu and organized by PG and Research Department of Mathematics, Jamal Mohamed College on 27th and 28th March 2008 held at Tiruchirappalli

UGC Sponsored State Level Seminar on *Examination Reforms* organized by Jamal Mohamed College (Autonomous), Tiruchirappalli on 12th March 2010

First Annual Workshop on *Research Areas in Computer Science* organized by Department of Computer Science, Bharathidasan University Technology Park, Bharathidasan University, Tiruchirappalli held on 9th April 2010

International Conference on *Advanced Computing and Communication (ICACC 2010)* organized by Amal Jyothi College of Engineering, Kanjirapally, Kerala held during May 3 – 4, 2010

National Conference on *Imaging, Computing, Object and Mining (ICOM'10)* organized by Department of Computer Science and Engineering, Anna University, Tiruchirappalli during May 7-8, 2010

One day seminar cum workshop on *Recent Trends and developments in Computer Science* organized by Department of Computer Science, A.V.V.M. Sri Pushpam College (Autonomous), Poondi, Thanjavur on 23rd August 2010

ICMR Sponsored Seminar on *Knowledge Discovery in Medical Databases (KDMD-2010)* organized by Kongu Engineering College, Perundurai, Erode, held during 24th and 25th November 2010

Seminar on *Creating Competitiveness to excel in higher education – a TQM approach* organized by Internal Quality Assurance Cell, Jamal Mohamed College (Autonomous), Tiruchirappalli on 8th December 2010

International Conference on Communication and Computational Intelligence (INCOCCI-2010) organized by Kongu Engineering College, Erode during 27-29 December 2010

National Workshop on *Open Source Tools for Data Mining* organized by Kongu Engineering College, Erode during 7-8 January 2011

Hands on Training on *MATLAB Programming* organized by School of Computer Technology and Applications held at Kongu Engineering College, Erode during 20-21 January 2011

National Workshop on Research Tools in Computer Science (NWRCS-2011) organized by PG Department of Information Technology and International Research Forum for Computer Science held at Bishop Heber College (Autonomous), Tiruchirappalli during 28th and 29th January 2011

National Conference on Advanced Computing (NCAC 2011) at PG & Research Department of Computer Science, Jamal Mohamed College (Autonomous), Tiruchirappalli on 8th February 2011

DBT Sponsored Seminar on *Bio-Inspired Computing: Research and Applications* conducted by School of Electrical Sciences, Kongu Engineering College, Erode during 18th and 19th February 2011

A training programme on *Research Tools in Data Mining* organized by Department of Computer Science and Engineering, Kongu Engineering College, Erode during 29th and 30th July 2011

One day seminar cum workshop on *Human-Computer Interaction Technologies* organized by the Department of Computer Science, A.V.V.M. Sri Pushpam College (Autonomous), Poondi, Thanjavur on 25th August 2011

International Workshop on the Art of Journal and Thesis Writing (WAJTHEW-2012) organized by the Centre for Research and Development & Centre for Development of Teaching and Learning, PRIST University, Vallam, Thanjavur on 5th January 2012

UGC Sponsored One Day National Seminar on *Applications of Mathematics* organized by PG & Research Department of Mathematics, Jamal Mohamed College (Autonomous), Tiruchirappalli on 22nd February 2012.

National Conference on Advanced Computing (NCAC-2012) organized by PG & Research Department of Computer Science, Jamal Mohamed College (Autonomous), Tiruchirappalli on 1st March 2012

One day National Level Seminar on *Teaching, Learning and Research in Higher Education – Excellence and Beyond Excellence* organized by the Internal Quality Assurance Cell, Jamal Mohamed College (Autonomous), Tiruchirappalli on 7th March 2012

National Conference on *Advances in Computer Applications* organized by Department of Computer Applications, Bharathiar University, Coimbatore on 28th March 2012

National Conference on Advanced Computing (NCAC-2013) organized by PG & Research Department of Computer Science, Jamal Mohamed College (Autonomous), Tiruchirappalli on 7th March 2013

VI Academic Conference on Crises in Higher Education – An Indian Perspective organized by Aided College Teacher's Association (ACTA), Tamil Nadu on 6th April 2013 at Jamal Mohamed College, Tiruchirappalli

One day National Workshop on *How To Write Effective Research Papers for Conferences and Journals* organized by Kongu Engineering College, Perundurai, Erode on 21st September 2013.

National Conference on Advanced Computing (NCAC-2014) organized by PG & Research Department of Computer Science, Jamal Mohamed College (Autonomous), Tiruchirappalli on 5th March 2014

UGC Sponsored National Level Workshop on *Development of Ambient Intelligence Infrastructure in Ubiquitous Classroom Environment* organized by Department of Computer Science, A.V.V.M. Sri Pushpam College (Autonomous), Poondi, Thanjavur in association with Eitec Software India Private Limited, Coimbatore during 23rd and 24th January 2015

National Conference on Advanced Computing (NCAC-2015) organized by PG & Research Department of Computer Science, Jamal Mohamed College (Autonomous), Tiruchirappalli on 5th March 2015

Workshop on Innovative Curriculum Designing and Evaluation organized by Curriculum Development Cell, Bharathidasan University, Tiruchirappalli – 24 on 14th August 2015.

World Class Curriculum in Computer Science – Consultative Workshop organized by Department of Computer Science and Engineering, Bharathidasan University, Tiruchirappalli – 23 on 16th February 2016. 5th March 2016

National Conference on Computing and Communication Technologies (NCCCT 2016) organized by PG Department of Information Technology, Jamal Mohamed College (Autonomous), Tiruchirappalli on 17th September 2016.

One day Workshop on *The Role of a Teacher in the Present Scenario* organized by the Internal Quality Assurance Cell, Jamal Mohamed College (Autonomous), Tiruchirappalli on 03-12-2016.

National Conference on Advanced Computing (NCAC-2017) organized by PG & Research Department of Computer Science, Jamal Mohamed College (Autonomous), Tiruchirappalli on 15th March 2017.

Three-day NLP-Based Faculty Empowerment Programme organized by the Internal Quality Assurance Cell, Jamal Mohamed College (Autonomous), Tiruchirappalli on 17th, 19th and 20th June 2017.

National Conference on Computing and Communication Technologies (NCCCT 2018) organized by PG & Research Department of Computer Science & PG Department of Information Technology, Jamal Mohamed College (Autonomous), Tiruchirappalli on 20th February 2018.

One day Seminar on *The MHRD Draft Proposal for Higher Education Commission of India (Repeal of UGC Act, 1956) Act 2018*, Organized by Aided College Teachers' Association (ACTA), Tamilnadu held on 14th July 2018 at Jamal Mohamed College (Autonomous), Tiruchirappalli

UGC CPE – Sponsored – Two days Workshop on *Professional Development for Academic Leadership in Curriculum Design*, organized by Curriculum Development Cell, Jamal Mohamed College (Autonomous), Tiruchirappalli on 18th and 19th January 2019

State Level Orientation Programme on Preparing Course Outcome in the Curriculum Design on 3rd January 2020

National Webinar on *E-Library: A Futuristic Design of the Knowledge Dissemination by using Knimbus Digital Library Platform*, Organized by National Institute of Design, Andhra Pradesh in association with Knimbus on 6th May 2020

International Webinar on Skill in Higher Education, Annamalai University, Annamalainagar, Tamil Nadu on 8th to 12th May 2020.

National Webinar on Communication Mastery, Annamalai University, Annamalainagar, Tamil Nadu on 8th May 2020

National Webinar on Online Teaching and Learning, Departments of Computer Science, Computer Applications and Information Technology, G.T.N. Arts College (Autonomous), Dindigul, Tamil Nadu on 9th May 2020

National Webinar on Writing Winning Project Proposal, Internal Quality Assurance Cell, Mar Athanasius College, Kothamangalam, Kerala on 11th May 2020

National Webinar on IIM Ahmedabad Library & it's Services, MIT World Peace University, Pune on 12th May 2020

National Webinar on Research and Publishing Ethics, MIT World Peace University, Pune on 13th May 2020

National Webinar on Skill Based English Language Teaching, Government Arts and Commerce College, Bharuch on 13th May 2020

National Webinar on Introduction to Non Functional Testing and Performance Assurance Engineering, Department of Computer Science and Engineering, Hindustan College of Engineering and Technology, Coimbatore, Tamil Nadu on 13th May 2020

Rashtriya Uchchar Shiksha Abhiyan (RUSA) Sponsored National Webinar on The Art of Writing Research Papers, Internal Quality Assurance Cell, Mar Athanasius College, Kothamangalam, Kerala on 14th May 2020

National FDP on Digital Teaching for Digital Learners, Department of Commerce & Management, Nilgiri College of Arts & Science, Nilgris, Tamil Nadu on 14th May 2020

National FDP on Digital Revolution – Post Covid Scenario, Department of Information Technology, Sathyabama, Institute of Science and Technology, Chennai, Tamil Nadu on 14th May 2020

National Webinar on Producing Employable Graduates, PG Department of Computer Science, G.T.N. Arts College (Autonomous), Dindigul, Tamil Nadu on 15th May 2020

National Webinar on J-Gate –One Platform to discover all Scholarly E-Journal Literature, The Delany Library, Patrician College of Arts and Science, Chennai, Tamil Nadu on 15th May 2020

Two days National Level Online FDP on Project Proposals for Funding Agencies (UGC STRIDE & ICSSR IMPRESS): Preparation and Submission Protocol, Patrician College Research Committee, Patrician College of Arts and Science, Chennai, Tamil Nadu on 16th and 17th May 2020

National Level Online FDP on Data Science, PG & Research Department of Computer Science and PG Department of Information Technology, Jamal Mohamed College (Autonomous), Tiruchirappalli on 18th May 2020

National Level Online FDP on SAP, PG & Research Department of Computer Science and PG Department of Information Technology, Jamal Mohamed College (Autonomous), Tiruchirappalli on 18th May 2020

National Webinar on Taking Research Forward During the Pandemic Organized by Loyola Institute of Frontier Energy (LIFE), Loyola College (Autonomous), Chennai on 20th May 2020

National Webinar on Essential Academic Skills for Teaching Fraternity, Department of English and Other Foreign Languages, SRM Institute of Science and Technology, Chennai, Tamil Nadu on 22nd May 2020

National Webinar on E-Content Creation and E-Learning through MOOCs jointly organized by Barr. Balasaheb Khardekar Knowledge Resource Center and Department of Library and Information Science of Shivaji University, Kolhapur on 29-30th May, 2020

National Webinar on Content Development with Google Docs, Madras Library Association (MALA) on 6th June 2020

National Webinar on Strategies to Boost Teaching and Learning, Bless O Bliss' You Tube Channel on 22nd June 2020

National Webinar on Introduction to eLearning Content Creation, CSI, ACM & IEEE CS in collaboration with ETU team of CDAC Mumbai on 22nd June 2020

National Level Five Day FDP on E-Content Development, IQAC, Jamal Mohamed College (Autonomous), Tiruchirappalli on 30th June to 4th July 2020

National Webinar on National Education Policy 2020, IQAC, Jamal Mohamed College (Autonomous), Tiruchirappalli on 8th August 2020

National Webinar on Best Practices in Acquiring Scholarly Knowledge, Department of Library and IQAC, Jamal Mohamed College (Autonomous), Tiruchirappalli on 16th August 2020

National Webinar on Implementation of National Education Policy – 2020, Sponsored by AICTE, New Delhi, India and Organized by Department of Mechanical Engineering, Shree Ramchandra College of Engineering, Pune on 22nd May 2021

National Webinar on Spatio Temporal Fusion using Deep Networks, Department of CSE, JIS College of Engineering, West Bengal On 22nd May 2021

National E-Workshop on Future of Teaching – Opportunities and Challenges, Department of English, Dr. MGR Educational Research Institute, Chennai on 25th May 2021

National Demo on J Gate – One Platform to Discover All Scholarly E-Journal Literature, Hyderabad Institute of Technology and Management, Hyderabad, Telengana on 28th May 2021

National Workshop on Research Methodology, Annai Vailankanni College of Engineering, Kanyakumari on 2nd to 4th June 2021

National Webinar on Machine Learning and Artificial Intelligence, PG & Research Department of Computer Science, Sadakathullah Appa College (Autonomous), Tirunelveli on 7th June 2021

National Virtual Webinar on Machine Learning with MATLAB, Department of Computer Science and Engineering, Noorul Islam Centre for Higher Education, Kanyakumari on 11th June 2021

International Workshop on Scientific Writing, ICAR-National Dairy Research Institute, Karnal, Haryana (Institute Development Plan of National Agricultural Higher Education Project (IDP-NAHEP) on 23rd and 24th June 2021

National Level Faculty Enrichment Programme on Art of Writing in Indexed Journal Publications, Department of Library and IQAC, Jamal Mohamed College (Autonomous), Tiruchirappalli on 28th July 2021

National Level Faculty Development Programme on AI in Business, Department of Data Science, St. Joseph's College (Autonomous), Tiruchirappalli on 11th January 2022

International Seminar on Advanced Computing (ISAC 2022), PG & Research Department of Computer Science, Jamal Mohamed College (Autonomous), Tiruchirappalli on 10th and 11th March 2022

Conferences / Workshops Organized

State Level Workshop on Research Prospects in Data Mining, Organized by PG & Research Department of Computer Science, Jamal Mohamed College (Autonomous), Tiruchirappalli on 22nd March 2007

National Conference on Advanced Computing (NCAC 2013), Organized by PG & Research Department of Computer Science, Jamal Mohamed College (Autonomous), Tiruchirappalli on 7th March 2013

National Level Workshop on Data Mining Tools for Research, Organized by PG & Research Department of Computer Science, Jamal Mohamed College (Autonomous), Tiruchirappalli on 23rd and 24th January 2019

Acted As Resource Persons

In-service Teacher Development Programme / Workshop / Seminar on Communication Skills & Educational Technology on 21.01.2001 at Thassim Beevi Abdul Khader College for Women, Kilakarai

Handling Classes for Centre for Distance Education, Bharathidasan University, Tiruchirappalli and Institute for Correspondence Education, University of Madras, Chennai in the subjects like Data Structures and Algorithms, Programming in C, Resource Management Techniques, Systems Simulation and Modelling, Principles of Compiler Design, Discrete Mathematics, Numerical and Statistical Methods

Acted as Expert Member to conduct interview for the appointment of Lecturer for Annai Hajira Women's College, Melapalayam, Tirunelveli, March 2004

To impart Soft Skills Training to the candidates from Musiri for attending Job Fair in Kalaignar 86, Tiruchirappalli on 9th Feb. 2010

For attending TANCET Examination for final year UG students, Jamal Mohamed College, Tiruchirappalli during 2013-2014

Acted as Resource Person to deliver a special lecture on "Hybrid Algorithms for Data Clustering Problems" in the One Day State Level Seminar on Data Mining organized by the Department of Computer Science, Sadakathullah Appa College, Tirunelveli on 17th February 2016.

Acted as Resource Person to deliver a lecture on "Hybrid Data Clustering Algorithms" in a Special Orientation Programme for faculty members organized by AVVM Sri Pushpam College (Autonomous), Thanjavur on 23rd January 2018.

Membership in Board of Studies

Jamal Mohamed College (Autonomous), Tiruchirappalli

Government Arts College for Women (Autonomous), Pudukkottai, 2008-2011

Member of Board of Studies in Computer Science (UG) at Sadakathullah Appa College (Autonomous), Tirunelveli – affiliated by Manonmaniam Sundaranar University, 2009 – 2011 (**University Nominee**)

Member of Board of Studies in Information Technology (UG) at Sadakathullah Appa College (Autonomous), Tirunelveli – affiliated by Manonmaniam Sundaranar University for a period of two years from 2009 – 2011 (**Subject Expert**)

Member of Board of Studies in Computer Science (UG), Computer Applications (UG), Information Technology (UG), Software Development, Diploma in Computer Applications and Diploma in Business Process Outsourcing at Bharathidasan University, Tiruchirappalli for a period of 3 years from April 2015.

Training Programmes Attended

Participated in the MCA Teachers' Training Programme – Module III sponsored by the Department of Electronics, Govt. of India & Conducted by the Department of Mathematics & Computer Applications, REC, Tiruchirappalli from Dec. 4, 1989 to Jan 12, 1990

Participated Competency Assessment Awareness Training to College Teachers organized by Institute for Entrepreneurship and Career Development (IECD) & Centre for Adult, Continuing Education & Extension (CACEE), Bharathidasan University, Tiruchirappalli on 31st January 2007

Orientation / Refresher Courses Attended

Attended a UGC sponsored orientation course conducted by Academic Staff College, Bharathiar University, Coimbatore from 18.08.1994 to 14.09.1994.

Attended a UGC sponsored refresher course on Recent Advances in Computer Software in Computer Science conducted by Rani Durgawati University, Jabalpur, M.P. from 16.03.1998 to 04.04.1998

Attended a UGC sponsored refresher course on Recent Trends in Information Technology by Bharathidasan University, Tiruchirappalli from 09.11.1999 to 29.11.1999

Attended a UGC sponsored refresher course in Computer Science conducted by Bharathidasan University, Tiruchirappalli from 25.11.2000 to 15.12.2000

Professional Associations

Associate Life Member, Computer Society of India (CSI), Mumbai

Life Member, Indian Society for Technical Education (ISTE), New Delhi

Additional Responsibilities

Divisional Representative (Division I) in Computer Society of India, Tiruchirappalli Chapter, 2004 – 2005

Member In-charge – Guidance & Counselling Centre, 2004 – 2007

Placement, Public Relations and Information Officer of the department, 2006 – 2007

Vice-President of Computer Science Association Activities, 2006-2007

Vice-President of Computer Science Association Activities, 2012-2013

Member, Scholarship Activities, June 2013 – May 2019

Additional Chief Superintendent of JMC Autonomous Examinations – Central Valuation Work, from October 2014 to December 2016

Convener, Library Committee, June 2016 to May 2019.

Department Representative, Curriculum Development Cell, From 2021.

Memberships in Various Committees – Board of Studies, Students Welfare, Staff Association – Executive Member, Baithulmal, Academic Audit, Value Education, Planning & Evaluation, Grievance Appeal, Examination, Registration & Regulation in the Annual Graduation Day, Convener for Regulation Committee in the Annual Graduation Day and College Day

Staff In-charge for Department Level Responsibilities such as Placement & Training, Conducting Examinations, Students Activities, Public Relations, Registration and Finance Committee in organizing National and International Conference on Advanced Computing, Conducting Guest Lectures & Inter-collegiate Students' Competition – SWAP