RESUME

Dr. A. R. MOHAMED SHANAVAS

Dean of Sciences & Associate Professor
Department of Computer Science
Jamal Mohamed College (Autonomous)
Tiruchirapalli – 620 020. South India.

Residential Address:
Plot #3,
First Street, Crescent Nagar
Kajamalai. Trichy - 620023

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Phone : 0431-2421229
Email : arms3375@gmail.com.in

Date of Birth : 06.06.1966
Place of Birth: Tenkasi, Tirunelveli

Objective:

To Educate and inculcate leadership qualities in Students. To train Students in order to excel in a distributed collaborative environment that will provide the opportunity for improvement and knowledge sharing, commitment to perform quality work. In order to ascertain constructive qualities in students and build their confidence to create valuable citizens of our country.

Summary:

Familiarity in teaching skills using modern tools and techniques to impart knowledge to students of different caliber. Extensive skill at handling classes in blended mode using Apps such as Webex, Google meet, Zoom and Microsoft Teams.

Significant Strength:

- ✓ Strong Communication and Presentation skills.
- ✓ Good organizational Skills
- ✓ Continuous learning Potential

✓ Profound Teaching skills using modern Techniques.

✓ Expertise in Handling Theory and Practical sessions for Computer Science.

✓ Knowledge in Programming.

✓ Expertise in writing and reviewing study material (books).

✓ Conducting Orientation programmes.

✓ Core sincerity in deputed jobs.

✓ Expertise in handling online classes.

Educational Qualifications: M.Sc.., PGDCA.,M.Ed., M.Phil, Ph.D.

Degree	Year	College / University
B.Sc. (Physics)	1986	Jamal Mohamed College, Tiruchirappalli
M.Sc.(Physics)	1988	Jamal Mohamed College, Tiruchirappalli
PGDCA– Computer Science	1989	Jamal Mohamed College, Tiruchirappalli
M.Ed	1992	Jamal Mohamed College, Tiruchirappalli
M.Phil (Computer Science)	1997	Regional Engineering College, Tiruchirappalli
Ph.D. (Computer Science)	2010	Vinayaka Research Foundation, Salem

Teaching Experience: 34 years of Teaching Experience for UG, PG,

Research Experience: **MPhil :** 27 years   **Ph.D :** 13 years

Areas of Specialization: Computer Graphics, Image Processing, Data mining, Ad-hoc Networks, Software Engineering, Operating Systems

Languages Known: English, Tamil

Subjects Handled:

Undergraduate:

Computer Organization and Architecture, Operating system, Computer Graphics, Database Systems

Postgraduate:

Management Information Systems, Artificial Intelligence and its Applications, Multimedia Systems & Design, Software Engineering.

M.Phil.:

Mathematical Logic, Software Engineering, Artificial Intelligence and its Applications, Digital Image Processing, Research Tool: MATLAB

Research Supervision:

Degree	Awarded	Submitted	Pursuing
M.Phil.	100+	-	-
Ph.D.	11	1	6

MPhil. Degree Awarded List:

S.NO	NAME OF THE STUDENT	REG.NO	DATE	TITLE
1	D. Hemavathi	11MPFCS043	13.09.12	Image Enhancement on Mobile Phone Captured Images Using Histogram Equalization
2	B. Prabhavathi	11MPFCS052	13.09.12	Detecting Abandoned Objects with A Moving Camera
3	M. Sivasankar	12MPFCS012	12.09.13	Indian Fake Currency Note Indentification Using Image Processing Techniques
4	S. Fazuludeen	12MPFCS019	12.09.13	System Authentication Using Biometric Images – A Novel Approach
5	S. Asifa Begum	12MPFCS039	12.09.13	Vigor Effectual Video Compression Mechanism for Wireless Sensor Network Using Edge Feature Reduction Algorithm

6	M. Suriya Priyadharsini	12MPFCS064	12.09.13	Breast Sonogram and Mammogram Enhancement Using Sequence of Morphological and Filtering Technique
7	R. Rajeswari	13MPFCS021	10.09.14	Study and Analysis of Placenta Image Using Segmentation Technique
8	N. Sameena	13MPFCS044	10.09.14	Segmentation of Left Ventricle for Diagnosing Myocardial Ischemia In An Echocardiography Sequence Using GVF Snake Algorithm
9	M. Shameera	13MPFCS049	10.09.14	Secured Lossless Medical Image Compression Based on Adaptive Binary Optimization
10	A. Ushma	13MPFCS057	10.09.14	An Efficient Framework for Dynamic Object Detection From Digital Images
11	V. Priya	13MPFCS060	10.09.14	Effective Compression Using Block Truncation Technique
12	A. Sha Meharaj	14MPFCS014	21.09.15	Laplacian Analysis Under PCA And LDA
13	M. Nagalakshmi	14MPFCS022	30.09.15	Cost Reduction Technique For Data Processing And Dynamic Capability Stipulation
14	D. Bharathi	14MPFCS026	21.09.15	Signature Recognition And Verification Using Matlab
15	S. Divya	14MPFCS027	21.09.15	Clustering Scrutiny On MRI Images Using IKM
16	S. Pitchiah Raja	14MPPCS003	28.06.16	Fast and Reliable Image Segmentation Based on Hierarchical – One Direction Trace Matching Method
17	M.A. Aysha Siddiqua	15MPFCS010	17.09.16	Deep Feature Extraction For Image Classification Using Remote Sensing

18	M. K. Kiruthiga	15MPFCS013	17.09.16	Design Plot Based On The Aspect Ratio of Delaunay Triangulation
19	M. Lathalakshmi	15MPPCS007	07.03.17	Perspective Distortion Correction in Aerial Photography Images
20	S. Mohamed Farooq	16MPFCS003	04.12.17	A Proposed Technique for Frequent Itemset Mining for Dynamic Transaction Dataset
21	S. Aasha	16MPFCS010	09.09.17	Prediction Of Online Products By Hybrid Feedback Based Recommendation System
22	V. Subramanian	16MPPCS005	01.03.18	A Novel Hybrid Approach For Facial Expression Recognition Using Support Vector Machine Classifier
23	M. Devishree	17MPFCS004	10.09.18	Sentiment Analysis On Facebook Posts Using Emoticons Analysis
24	R. Pavithra	17MPPCS003	21.06.19	Sentiment Analysis About Smart Phones Using Twitter Corpus By Deep Learning Approach
25	B. Gousbi	18MPFCS009	06.09.19	Breast Cancer Prediction Using Classification Techniques
26	T. Murugambal	19MPPCS005	04.01.22	IoT Based Smart Electricity Meter
27	S. Venkatachala Perumal	20MPPCS004	07.07.22	Parkinson's Progression Prediction
28	R Palani Kumar	21MPPCS001	08.09.23	Prediction of Chronic Kidney Disease Using Data Mining Techniques

29	S. Peerbasha	07MFCS04
30	A. Mehabubunnisa Begum	08MFCS03
31	K.N. Abdul Kader Nihal	08MPCS06
32	S. Najumunnisha	09MFCS29
33	A.L. Niyas Rahamath Nisa	09MFCS31
34	C. Bhuvaneswari	09MPCS25
35	M. Arulkothaipriya	10MFCS17
36	M.K. Nazeya Banu	10MFCS30

37	K. Anwar Sathik	10MPCS04
38	S. Mohamed Nazar	10MPCS10
39	K.A. Usaif Ahamed	10MPCS13

Ph.D Degree Awarded List:

SNo.	Name of the Scholar	Title of the Thesis	Awarded Date
1	**P.CYNTHYA SELVI**	**Development of Pattern Transformation Algorithms for Sensitive Knowledge Production in Data Mining**	**2016-02-15**
2	**K.N.ABDUL KADER NIHAL**	**Design of Efficient Compression Techniques for Large-Scale Surveillance System**	**2017-06-29**
3	**B.MOHAMED IBRAHIM**	**Constructing Frame work for Enhancing Security for Service Oriented Architecture using Data Mining.**	**2017-08-28**
4	**M.S.MYTHILI**	**Study and Design of Computational Models for early prediction of Autism and other cognitive disorders.**	**2017-11-30**
5	**S.A.JAMEEL**	**Study and Design of framework for Retinal Vessel Tortuosity measurement of diabetic Retinopathy Fundus Images.**	**2017-12-05**
6	**S.LAKSHMI PRABHA**	**A Study on users knowledge Modelling with Educational Data Mining techniques in e-Learning.**	**2018-02-15**
7	**K.JAYAKUMAR**	**Detecting key events in Real time from Live sports tweets.**	**2018-02-15**
8	**A.AYUB KHAN**	**A Novel Energy Based MidPoint Sequence Link Formation for Efficient Data Transfer in Mobile AD-HOC Network.**	**2019-01-21**
9	**K. SYED IBRAHIM**	**A Study And Analysis of Enhance Quality of Service in Cloud Computing By Exploring Novel Techniques**	**2020-01-20**
10	**D. SHANMUGA SUNDRAM**	**Detection and Avoidance of Cosmic Dust Attack in AD-HOC On-Demand Distance Vector Routing Protocol**	**2020-03-11**

| 11 | M.A. JAMAL MOHAMED YASIN ZUBAIR | Identifying Sensitive Items for Direct and Indirect Discriminations Prevention for Data Publishing using Attribute Depthness Measure | 2021-01-29 |
| 12 | D.MEENAKSHI | Semantic Similarity Detection in Text using Advanced Feature Engineering & Machine Learning Techniques | Thesis Submitted |

Contribution in Coll]ege Autonomous Committees:

- Member Board of Studies from 2004

- Member, Examination Disciplinary Committee 2024

- Dean, Faculty of Science from 2023

- Coordinator, Department of Visual Communication from 2022-2023

- Member, Research Committee from 2023

- Core Committee Member in NAAC Reaccreditation Process from 2023

- Member, Examinations Committee 2023

- Convener, Student's Monitoring Committee 2023

- Member Admission Committee from 2023

- Executive member of Jamal Mohamed College, Staff Association from 2022
- Member of Senate, Bharathidasan University from 2022

- Member, Academic Council from 2022

- Vice President of JMC Staff Alumni Association

- Registrar of Attendance 2020 to 2022

- Treasurer of JMC Staff Association 2013 to 2015

Details of Membership in Academic Bodies / Board of Studies:

- Jamal Mohamed College (Autonomous), Tiruchirapalli in Academic Council and Board ofStudies.

- Member Board of Studies, Islamiah College (Autonomous), New Town, Vaniambadi, 2011

- Member Board of Studies, Kunthavai Nachiyar Government College for Women (Autonomous), Tiruchirappalli, 2011-2012

- Approved Research Advisor in Bharathidasan University, Tiruchirappalli from 2011

- Approved Research Advisor in Bharathiyar University, Coimbatore from 2012

- Member Board of Studies for MPhil (Computer Science), Periyar EVR College (Autonomous), Tiruchirappalli, 2015

- Member Board of Studies, JJ College for Arts & Science (Autonomous), Pudukottai, Tiruchirappalli, 2014-2016

- Member Board of Studies, Erode Arts & Science College, Rangampalayam, Erode, from2021

- Member Board of Studies, Kunthavai Nachiyar Government College for Women (Autonomous), Tiruchirappalli – 2014-2016, 2022-23

- Member Board of Studies, Seetha Lakshmi Rama Swamy College (Autonomous), Tiruchirappalli,2020-23

- Member Board of Studies, Bishop Heber College (Autonomous), Tiruchirappalli, 20-23

- Member of Governing body, Periyar EVR College (Autonomous), Trichy, 2023-24

- Reviewer, King Saad University, KSA.

Details of Patent :

Design Number : 393780-001, IOT Enabled Physical Rehabilitating Unit, Grant Date 28/08/2023, Class : 24-05, The Patent Office, Government of India.

Details of Publications:

1. **A.R.Mohamed Shanavas, "**Image Compression using Karnaugh Map – A Proposed Technique" in Jamal Academic Research Journal – an interdisciplinary (JARJ) Volume 1 No. 2, 2004 Page Nos. 33-38.

2. **A.R.Mohamed Shanavas**, "Generating Bus Route Description in Natural Language" in Jamal Academic Research Journal – an interdisciplinary (JARJ) Volume 2 No. 1 January– July 2005 Page No. 30-35

3. **A.R.Mohamed Shanavas, "**Adaptive Audio Steganography" in Indian Journal of Science Arts and Commerce (ISAC) Volume 1, No. 1, 2005 Page Nos. 34 – 37.

4. **A.R.Mohamed Shanavas**, "An Interface for Retinal Blood vessel detection and with measurement using sobel operator" in Jamal Academic Research Journal Vol.4. No.1. PP. 43-52.

5. **Dr. A.R.Mohamed Shanavas**, "Face Recognition Using Eye Perturbation Experiments" CiiT International Journal of Biometrics & Bioinformatics ISSN 0974 – 9675 & Online: ISSN 0974 – 956X November 2010.

6. **Dr. A.R.Mohamed Shanavas**, "An Image Mining Technique for Identifying Tuberculosis Meningitis of the Brain" CiiT International Journal of Data Mining Knowledge Engineering ISSN 0974 – 9683 & Online: ISSN 0974 – 9578 June 2011.

7. **Dr. A.R.Mohamed Shanavas**, "Performance Analysis of Under Graduate Students" in CiiT International Journal of Data Mining Knowledge Engineering ISSN 0974 – 9683 & Online: ISSN 0974 – 9578 March 2012.

8. Cynthia Selvi P, **Dr. A.R.Mohamed Shanavas**,"An Effective Heuristic Approach for Hiding Sensitive Patterns in Databases" in IOSR Journal of Computer Engineering (IOSRJCE) ISSN: 2278-0661 Volume 5, Issue 1 (Sep-Oct. 2012), PP 06-11.

9. Cynthia Selvi P, **Dr. A.R.Mohamed Shanavas**," An improved Item- based Max-cover Algorithm to protect Sensitive Patterns in Large Databases " in IOSR Journal of Computer Engineering (IOSRJCE) e- ISSN: 2278-0661,p-ISSN: 2278 - 8727 Vol.14-Iss.4 (sep-oct 2013) PP 01-05.

10. Mythili M. S. **Dr. A.R.Mohamed Shanavas**,"Performance Evaluation of Apriori and FP-Growth Algorithms". International Journal of Computer Applications 79(10):34-37, October 2013. Full text available. BibTeX

11. Cynthia Selvi P, **Dr. A.R.Mohamed Shanavas**,"Knowledge Protection by subjective measure", International Journal of Computer Applications(IJCA), 0975-8887,volume 84, no.10, dec. 2013,PP.23-26

12. Mythili M. S., **Dr. A.R.Mohamed Shanavas**, "An Analysis of students' performance using classification algorithms ", IOSR Journal of Computer Engineering (IOSR-JCE)e-ISSN: 2278-0661, p- ISSN: 2278-8727Volume 16, Issue 1, Ver. III (Jan. 2014), PP 63-(3) (PDF)

13. Cynthia Selvi P, **Dr. A.R.Mohamed Shanavas**,"Introducing Parallelism in Privacy Preserving Data Mining Algorithms " in International Journal of Computational Engineering Research ISSN: 2250-3005 Vol. 4 - Issue 2 (Feb - 2014) Page 38.

14. S. Lakshmi Prabha, Dr. A.R.Mohamed Shanavas, " Implementation of E-Learning Package for Mensuration- A Branch of Mathematics ",Journal IEEE Xplore, IEEE Computer Society -Conference Publishing Services (CPS), IEEE-CPS 2014 World Congress on Computing and Communication Technologies, St.Joseph's college,Trichy, Feb:27,28 & Mar:1, DOI 10.1109/WCCCT.2014.37, ISBN 978-1-4799-2876-7/14 Pg:219-221, SCOPUS https://ieeexplore.ieee.org/document/6755144

15. **Dr. A.R.Mohamed Shanavas, "**Object Detection in Image Processing Using Edge Detection Techniques" in IOSR Journal of Engineering (IOSRJEN) e- ISSN: -3021, ISSN (p): 2278-8719 Vol. 4 - Issue 3 (March - 2014) PP 10-13.

16. Mohamed Ibrahim B and **Dr. A.R. Mohamed Shanavas**, *Severe SOA Security Threats on SOAP Web Services - A Critical Analysis," IOSR Journal of Computer Engineering (e ISSN: 2278-0661, p-ISSN: 2278-8727), Vol. 16, Issue 2, pp. 135-141, Mar 2014.

17. Mythili M. S., **Dr. A.R.Mohamed Shanavas**," A Novel Approach to predict the Autistic children using SVM and Decision Tree, International Journal of Computer Science and Information Technologies (IJCSIT), volume 5 (6), 2014, 7288-7291, ISSN: 0975-9646.

18. Cynthia Selvi P, **Dr. A.R.Mohamed Shanavas**,"Output Privacy Protection With Pattern-Based Heuristic Algorithm " in International Journal of Computer Science & Information Technology (IJCSIT) ISSN: Vol. 6 - Issue 2 (April - 2014)

19. **Dr. A.R.Mohamed Shanavas**," Study and analysis of Placenta images using edge detection approach" in IJSRD pg No. 1579 to 1581 ISSN: 2321 0613 Vol.2 issue 3, 1/06/2014

20. Mohamed Ibrahim B and **Dr. A.R. Mohamed Shanavas** *Constructing Solutions to SOA Attacks on SOAP Web Services - A Literature Review," International Journal of Scientific Engineering and Technology (ISSN: 2277-1581), Vol. 3, Issue 5, pp. 564 569, May 2014.

21. S.A. Jameel, **Dr. A.R.Mohamed Shanavas**,"Retinal Vessel Tortuosity based on Curvature for Digital Fundus Images" in CiiT International Journal of Digital Image Processing ISSN: Vol. 6 - Issue 5 (June- 2014) PP: 222-227.

22. S. A. Jameel, **Dr. A.R.Mohamed Shanavas**,"Retinal Vessel Tortuosity for Digital Fundus Images " in CiiT International Journal of Digital Image Processing. ISSN: Pages:

201-204 Vol. 6 - Issue 4 (June - 2014).

23. **Dr. A.R.Mohamed Shanavas**, M. Shameera, " Analysis of adaptive binary optimization for lossless medical image compression " in International Journal of Engineering Research & Technology e- ISSN: 2278-0181 Vol. 3 - Issue 7 (July - 2014).

24. K.N. Abdul Kader Nihal, **Dr. A. R. Md. Shanavas,** " A Survey and Study of Image Compression Methods", International Organization of Scientific Research-Journal of Computer Engineering(IOSCR-JCE),e-ISSN : 2278-0061,p-ISSN:2278-8727, Volume 16, issue 4, Ver. V(Jul-Aug.2014).

25. S.Lakshmi Prabha, **Dr. A.R.Mohamed Shanavas,"** Educational Data Mining Applications**",** Operations Research and Applications: An International Journal (ORAJ), Vol. 1, No. 1, August 2014 published by AIRCC Publishing Corporation, Vol. 1, No. 1, August 2014 ISSN:2393-8463, Pg.23-29, https://airccse.com/oraj/papers/1114oraj04.pdf

26. **Dr. A.R.Mohamed Shanavas**,"A Survey and Study of Image Compression Method" in IOSR Journal of Computer Engineering (IOSR-JCE) e- ISSN: -0661,p-ISSN: 2278- 8727 Vol. 16 - Issue 4 (July – Aug. 2014) pp 11-16

27. Cynthia Selvi P, **Dr. A.R.Mohamed Shanavas**,"Trade-Off Between Utility and Security Using Group Privacy Threshold Sanitization", International Journal of Computer sciences and engineering(IJCSE), E-ISSN. 2347-2693, volume.02,issue. 09, sept.2014,PP.08-11.

28. Cynthia Selvi P, **Dr. A.R.Mohamed Shanavas**," An Incremental Sanitization Approach in Dynamic Databases", International Journal of Computer sciences and engineering Technology(IJCSET), E-ISSN.2229-3345 vol.5,N.09, sept. 2014, PP. 872-876.

29. Mohamed Ibrahim B and **Dr. A.R. Mohamed Shanavas**,"Applying Security for RESTful Web Services - Limitations and Deliminations," International Journal of Emerging Technology and Advanced Engineering (ISSN 2250-2459), Vol. 4. Issue 9, pp. 327 330, September 2014.

30. Mythili M. S. , **Dr. A.R.Mohamed Shanavas**," A Study on Autism Spectrum Disorders

using classification Techniques", International Journal of Soft Computing and Engineering (IJSCE), Volume 4, Issue 5, Nov 2014, ISSN: 2231-2307.

31. Cynthia Selvi P, **Dr. A.R.Mohamed Shanavas**,"Towards Information Privacy Using Transaction Based Max-Cover Algorithm, World applied sciences journal, (WASJ), PP 06-11,2014, PISSN: 1818-4952, E-ISSN.1991-6426, @IDOSI Publications, ISI & Scopus Indexed, H-index 8, BOI:10.5829/idosi.wasj.2014.29, www.wasj.org

32. Cynthia Selvi P, **Dr. A.R.Mohamed Shanavas**,"An Optimal Approach for Knowledge Protection in Structured Frequent Patterns, International Journal of data engineering(IJDE), Malaysia, ISSN.2180-1274,Vol.5 issue 3, dec.2014,PP.22-29

33. A.Ayubkhan,**Dr. A.R.Mohamed Shanavas**, "Energy Efficient On Demand Quadratic Midpoint Based Neighbor Selection Algorithm with Self Announced Link Management for Routing in Mobile Adhoc Networks", International Journal of Innovative Research in Engineering & Science, Dec 2014, Vol. 12 Iss. 3,pp.15-23

34. S.Lakshmi Prabha, **Dr. A.R.Mohamed Shanavas,"** Application of Educational Data mining techniques in e-Learning- A Case Study", International Journal of Computer Science and Information Technologies,Vol. 6 (5) , 2015, Pg.4440-4443,ISSN:0975-9646 ImpactFactor:3.32,**https://www.ijcsit.com/docs/Volume%206/vol6issue05/ijcsit2015060562.pdf**

35. Cynthia Selvi P, **Dr. A.R.Mohamed Shanavas**,"Analysis of Pattern Transformation Algorithms for Knowledge Protections in Datamining, IOSR-Journal of Computer Engineering (IOSR-JCE), eISSN: 2278-0661,P-ISSN: 2278-8727, vol. 17, Issue 1, VER.VI(Jan to Feb 2015), PP.70-76.

36. Mythili M. S., **Dr. A.R.Mohamed Shanavas**,"An Improved Feature Selection (IFS) Algorithm for Detecting Autistic Children learning Skills", Biosciences Biotechnology Research Asia, April 2015, Vol.12 [1], 499-50SCOPUS INDEXED JOURNAL5, ISSN: 0973-1245.

37. Mohamed Ibrahim B and **Dr. A.R. Mohamed Shanavas**, "Algorithm for Securing SOAP

Based Web Services from WSDL Scanning Attacks," IOSR Journal of Computer Engineering (e-ISSN: 2278-0661, p-ISSN: 2278-8727), Vol. 17, Issue 3. pp. 35-39, May 2015.

38. A.Ayubkhan, **Dr. A.R.Mohamed Shanavas**, Enhanced Secure Routing With Energy Efficient ILink Establishment And Distributed Time Sequence Routing (DTSR) In Mobile Ad hoc Networks", International Journal of Scientific & Engineering Research, Vol. 6, Iss. 6, Jun-2015, PP. 1267-1276

39. Mohamed Ibrahim B and **Dr. A.R. Mohamed Shanavas**. "An Approach to Predict SOA Security Vulnerabilities using Feed Forward Artificial Neural Networks," The SIJ Transactions on Computer Networks & Communication Engineering (e-ISSN: 2321 2403. p-ISSN: 2321-239X), Vol. 3, No. 4, pp. 54-58, June 2015.

40. Mohamed Ibrahim B and **Dr. A.R. Mohamed Shanavas**, "A SOA Security Solution to Prevent Replay Attacks," International Journal of Advance Research in Computer Science and Management Studies (ISSN Online: 2321-7782. ISSN Print: 2347-1778). Vol. 3. 1ssue 6, June 2015.

41. Mohamed lbrahim B and **Dr. A.R. Mohamed Shanavas**, *Identifying SOA Security Threats using Web Mining." International Journal of Computer Applications (ISBN: 973-93 80887-43-2. ISSN: 0975-8887), Vol. 120. No. 4, pp. 8-14. June 2015.

42. **Dr. A.R.Mohamed Shanavas**, "Innovation of Resilient and Secure Mobile Applications for Business Development", International Journal of Business and Administration Research Review(IJBARR), Aug 2015, UGC, 4.729, ISSN 2348 – 0653(Print) ISSN 2347- 856X (Online) Page 6

43. Mythili M. S. , **Dr. A.R.Mohamed Shanavas**," Autism Dataset using Artificial Neural Networks, International Journal of Applied Engineering Research (IJAER), volume 10, Number 82, 2015, ISSN: 0973-4562.

44. Mythili M. S. ,Dr. A.R.Mohamed Shanavas,,"A new hybrid algorithm for detecting autistic children learning skills,International Journal of Engineering and Technology, 2015, 7(4), pp. 1505–1513Published by Engg Journals Publications Online ISSN: 0975-4024, SCOPUS INDEXED JOURNAL

45. K.N. Abdul Kader Nihal, **Dr. A. R. Md. Shanavas,** "A Novel Videos Compression Prototype for Large Scale Videos Using Content Mining Techiques", International Journal of Scientific Research in Science, Engineering and Technology(IJSRSET), Volume 1, issue 4, print ISSN:2395-1990, online ISSN: 2394-4099,July 2015

46. S.Lakshmi Prabha, **Dr. A.R.Mohamed Shanavas,"** Edudata In Adaptive Learning Systems", *International Journal of Multidisciplinary Research Review IJMDRR*, *Vol.1, Issue – 7, Sep -2015.pg.42-45,E- ISSN –2395-1885,ISSN -2395-1877,* Impact Factor: 2.262, http://www.ijmdrr.com/admin/downloads/250920159.pdf

47. S.Lakshmi Prabha, **Dr. A.R.Mohamed Shanavas,"** Performance of Classification Algorithms on Students' Data – A Comparative Study", International Journal of Computer Science and Mobile Applications,Vol.3 Issue. 9, September- 2015, pg. 1-8, **ISSN: 2321-8363,** Impact Factor: 2.019,https://www.ijcsma.com/articles/performance-of-classification-algorithms-on-students-data--a-comparative-study.pdf

48. S.Lakshmi Prabha, **Dr. A.R.Mohamed Shanavas,"** Analysing Students Performance Using Educational Data Mining Methods ",International Journal of Applied Engineering Research, Research India Publications; ISSN 0973-4562 Vol. 10 No.82 (2015), Pg: 667-671, SCOPUS indexed Journal, Impact Factor: 1.8233, https://www.ripublication.com/Volume/ijaerv10n82spl.htm

49. S.Lakshmi Prabha, **Dr. A.R.Mohamed Shanavas,"** A Study on Learning Factor Analysis – An Educational Data Mining Technique for Student Knowledge Modeling", IOSR Journal of Computer Engineering (IOSR-JCE), e-ISSN: 2278-0661,p-ISSN: 2278-8727, Volume 17, Issue 6, Ver. IV (Nov – Dec. 2015), PP 95-101, DOI: 10.9790/0661-176495101,ImpactFactor:1.213,https://iosrjournals.org/iosr-jce/papers/Vol17-issue6/Version-

4/K0176495101.pdf

50. S.A. Jameel,**Dr. A.R.Mohamed Shanavas**," Implementation of Improved Gaussian Filter Algorithm for Retinal Fundus Images" International Journal of Computer Applications, Foundation of Computer Science (FCS), New York, USA, ISBN: 973-93-80890-53-9, ISSN: 0975-8887, Volume 132, No. 8, pp 1-4, December 2015.

51. S.A. Jameel, **Dr. A.R.Mohamed Shanavas**," "Design and Implementation of Thresholding Algorithm based on MFR for Retinal Fundus Images", IOSR Journal of Computer Engineering, e-ISSN: 2278-0661, p-ISSN: 2278-8727, Volume 17, Issue 6, (Version-V), pp 11-14, Nov-Dec 2015.

52. Mythili M. S., **Dr. A.R.Mohamed Shanavas**,," Meta Heuristic based Fuzzy Cognitive Map approach to support towards early prediction of cognitive disorders among children(MEHECOM)", Indian Journal of Science and Technology (IJST), January 2016, Vol.9 [3], ISSN:0974-6846. SCOPUS INDEXED JOURNAL

53. S.Lakshmi Prabha, **Dr. A.R.Mohamed Shanavas, "**Assessing Students Performance Using Learning Curves", International Journal of Engineering and Techniques , ISSN: 2395-1303 ,Volume 1 Issue 6, Jan - Feb 2016, Pg. 6-16, Impact Factor: 1.62, http://www.ijetjournal.org/Volume2/Issue1/IJET-V2I1P2.pdf

54. K.N. Abdul Kader Nihal, **Dr. A. R. Md. Shanavas,** "A Novel Approach for Compressing Surveillance System Videos" International Journal of Advanced Engineering, Management and Science (IJAEMS) Volume 2, Issue 2, ISSN:2454-1311, Feb 2016.

55. K.N. Abdul Kader Nihal, **Dr. A. R. Md. Shanavas,** "Implementation of New Proposed Video Compression Technique for Surveillance System and Clinical Medicine Videoes", International Journal of Engineering Research and Management(IJERM) ", Volume 3, issue 2, ISSN: 2349-2058, Feb 2016.

56. Mythili M. S., **Dr. A.R.Mohamed Shanavas**,," An improved Autism predictive mechanism among children using Fuzzy Cognitive Map (FEAST)", Asian Research

Publishing Network (ARPN), Feb 2016, Vol.11, ISSN: 1819-6608.SCOPUS INDEXED JOURNAL

57. S.Lakshmi Prabha, **Dr. A.R.Mohamed Shanavas,"** Elate – A New Student Learning Model Utilizing EDM for Strengthening Math Education", International Journal of Computer Sciences and Engineering, ISSN: 2347-2693, Volume 4, Issue 3, Mar-2016,ImapctFactor:2.162,https://www.ijcseonline.org/pdf_paper_view.php?paper_id=819&3-IJCSE-01523.pdf

58. D. Shanmugasundaram and **Dr. A. R. Md. Shanavas**, "Comparative Performance Analysis of Mobile Ad-Hoc Network Routing Protocols", International Journal of Control Theory and Application (Scopus indexed) (26) 2016, pp. 275-283.

59. Mythili M. S. , **Dr. A.R.Mohamed Shanavas**,," Early Prediction of Cognitive Disorders among children using Bee Hive Optimization Approach. (CODEO)", Biomedical and Pharmacology Journal (BPJ), August 2016.vol.9 [2], ISSN: 0974-6242, SCOPUS INDEXED JOURNAL

60. **Dr. A.R.Mohamed Shanavas**,"Transform in Mobile Computing", International Journal of Multidisciplinary Research Review (IJMDRR), Aug 2016, UGC, 4.164, ISSN 2395- 1877(Print) ISSN 2395-1885, (Online), Page 14

61. A.Ayubkhan, **Dr. A.R.Mohamed Shanavas**, "Link Prediction and Link Establishment Based On Network Nodes Life Time in Mobile Ad Hoc Network", International Journal of Engineering and Science Invention, Vol. 5 Iss.9, September 2016. PP.11-16

62. **Dr. A.R.Mohamed Shanavas**,"Quality Assurance in Mobile Computing, International Journal of Management and Social Science, Feb 2017, UGC, 4.695, ISSN 2349-6738(Print) ISSN 2349-6746(Online), Page 64

63. **Dr. A.R.Mohamed Shanavas**,"Improving the QoS of Mobile Cloud Computing Applications in Smart Environments, International Journal of Applied Engineering Research (IJAER), June 2017, a Scopus indexed journal, SNIP 0.166, (2014) , Print I,SSN- 0973-4562,Online ISSN-1087- 1090, Pg no. 2754-2760

64. Jeyakumar, K., **Dr. A.R.Mohamed Shanavas** and Sridhar, S (2017) "Twitter Sports: Real Time Detection of Key Events from Sports Tweets," Transaction on Machine Learning and Artificial Intelligence, UK, 5(6), pp. 36-60

65. Jeyakumar, K., **Dr. A.R.Mohamed Shanavas** and Sridhar, S (2018) "SportsBuzzer: Detecting Events at Real Time in Twitter using Ineremental Clustering," Transaction on Machine Learning and Artificial Intelligence, UK, 6(1), pp. 1-23.

66. Jeyakumar, K., **Dr. A.R. Mohamed Shanavas** and Sridhar, S (2018) "Real Time Event Detection Adopting Incremental TF-IDF based LSH and Event Summary Generation," International Journal of Computer Applications, USA, 180(13), pp. 22-30

67. K.Syed Ibrahim, **Dr. A.R. Mohamed Shanavas,** "ARMING: Providing Effective QoS Consious Cloud Computing by Virtual Machine Active Migration for Multimedia Streaming Data", IJSRCSAMS, Volume 7, Issue 3 (May2018)

68. K.Syed Ibrahim, **Dr. A.R. Mohamed Shanavas**, " QoS aware Multimedia Cloud Computing – A survey", IJMECE, Volume 6, Issue 5, September,2018, PP. 68 – 72

69. K.Syed Ibrahim, **Dr. A.R. Mohamed Shanavas,** "ABDM : Agent Based Live migration of Virtual Machines in Cloud Computing for Multimedia Data " IJSRCSEIT, Volume 3, Issue 8, PP. 0-17.

70. D. Shanmugasundaram and **Dr. A. R. Md. Shanavas**, "Analysis of Existing Cosmic Dust and Black Hole Attack Avoidance Algorithms over AODV"; International Journal of Engineering Science Invention (JESI), ISSN (Online): 2319- 6734, ISSN (Print): 2319 - 6726, Volume 7, Issue 9, Ver , Sep 2018, pp.01-09

71. D. Shanmugasundaram and **Dr. A. R. Md. Shanavas**, "Analyzing the Cosmic Dust Attack in Ad-Hoc On Demand Distance Vector Routing (AOD) Protocol", IEEE Xplore(Scopus Indexed), October 2017, pp 11-15.

72. Jamal Mohamed Yaseen Zubair, Dr. A.R.Mohamed Shanavas,,"Group based feature

influenced measure for efficient discrimination in transactional datasets, International Journel of Scientific Research in Computer Science applicatiions and Management Studies(IJSRCSAMS), Vol. 8, issue 2, mar2019. ISSN: 2319-1953

73. Jamal Mohamed Yaseen Zubair, Dr. A.R.Mohamed Shanavas,,"Pattern based efficient discrimination prevention using attribute depth method, journal of applied science and computations (JASC), vol. VI, issue V, may 2019,ISSN: 1076-5131

74. Jamal Mohamed Yaseen Zubair, Dr. A.R.Mohamed Shanavas,,"Feature Correlation measure based real time discrimination prevention with transactional data sets using social networks", , International Journel of Innovative technology and Exploring Engineering (IJITEE), SCOPUS INDEXED JOURNAL

75. Jamal Mohamed Yaseen Zubair, Dr. A.R.Mohamed Shanavas,," Realtime feature convergence measure for efficient discrimination for transactional data set, international Journal of recent technology and engineering(IJRTE), volume:8, issue-4, nov2019, ISSN:2277-3878. SCOPUS INDEXED JOURNAL

76. Mudassir Peeran, **Dr. A.R.Mohamed Shanavas**,"E-Governance security via Public key cryptography using elliptic curve cryptography, Journal ELSEVIER – Science Direct, proceedings 49(2022 3568 3573)

77. D. Shanmugasundaram and **Dr. A. R. Md. Shanavas**, "Avoidance Cosmic Dust implementing in Ad Hoc on-demand Distance Vector (CDA AOD) Routing Protocol", International Journal of Computer Sciences and Engineering (ISSN:2347-2693) (UGC Refereed Journal), Vol.7, Issue.4, 2019

78. Meenakshi D,**Dr. A.R.Mohamed Shanavas**, "Novel Shared Input Based LSTM for Semantic Similarity Prediction " journal of Advances in Information Technology Vol .13, No.4 August 2022

79. Meenakshi D**, Dr. A.R.Mohamed Shanavas**, "Transformer induced enhanced feature

engineering for contextual similarity detection in Text." In Bulletin of Electrical Engineering and Informatics vol 11, August 2022,pp 2124-2130 . ISSN:2302-9285, DOI:10.11591/eei.vlli4.3384.

80. Mudassir Peeran, **Dr. A.R.Mohamed Shanavas**," Information security Issues with E-Governance", International Journal of Next Genertion Computing – Special Issue, Volume 13,3 October 2022

81. Dr. S.A. Jameel, **Dr. A.R.Mohamed Shanavas**,"Deep Retino-Network for Automatic Quantification of Diabetic Retinopathy", IAES International Journal of Artificial Intelligence (IJ-AI), a Scopus indexed journal, ISSN/e-ISSN 2089-4872/2252-8938

Books Published / Edited:

1. Prepared Study Materials for BCA and MCA programmes of University of Madras and Bharathidasan University for the following subjects:

   - Operating Systems
   - Computer Graphics
   - Database Systems
   - Systems Analysis and Design

2. Book published by Dr. A R Mohamed Shanavas et al., "USER-COMPUTER INTERACTION WEBSITE AND MOBILE CONNECTION", SKRGC publications, TamilNadu, October 2023,ISBN:978-81-19980-28-4.

Details of Papers Presented:

1. **Dr. A.R.Mohamed Shanavas**, Data Warehousing at National Conference on Recent Trends in Information Technology at Department of Computer Science and Applications, Hindustan College of Arts, Coimbatore on 24thJanuary 2003.

2. **Dr. A.R.Mohamed Shanavas**,Option Analysis for Reengineering on UGC Sponsored National Seminar on Software Engineering at Sacred Heart College, Tirupattur on 19th

and 20th July2003.

3. **Dr. A.R.Mohamed Shanavas, UGC sponsored seminar in cyber impact in societyat seetha Lakshmi Ramaswamy college on 11th, 12th Feb 2004**

4. **Dr. A.R.Mohamed Shanavas**,e-Governance on UGC Sponsored National Seminar on Cyber Impact on Society at SRC, Trichy at 11th and 12th February 2004.

5. Participated in National conference on parallel and distributed computing, "Future of JAVA Technologies",Cauvery college for women, on 30th,31st March 2006

6. **Dr. A.R.Mohamed Shanavas, " A proposed Technique for Diagnosing Retinal Diseases Using Blood Vessel Detection"** in State level Seminar on Computer Oriented Mathematical Technique 2007, conducted by PG department of Computer Applications and the Departments of Computer science, Information Technology and Mathematics on 10th and 11th August 2007 at Srimathi Indira Gandhi College, Tiruchirapalli.

7. **A.R.Mohamed Shanavas**,Interface for Retinal Blood Vessel detection and width measurement on National Conference on "Frontier Research Areas in Computing Sciences", Bharathidasan University, Trichy-23 at 5th and 6th October2007.

8. **Dr. A.R.Mohamed Shanavas** at international conference on Data Engineering and Management at Bishop Heber College, Trichirapalli on 9th Feb 2008.

9. **A.R.Mohamed Shanavas,**An Interface for optic disk Detection in Retinal Fundus images on First International Conference on Data Engineering and Management at Bishop Heber College ICDEM 2008, Tiruchirappalli at 9th February 2008.

10. **A.R.Mohamed Shanavas**,An Interface for Optic Disc Detection in Retinal Fundus images using DIP techniques –First International Conference on Data Engineering and Management, ICDEM 2008, Feb – 2008 Proceedings, pages 369 – 372.

11. Cynthia Selvi P, **Dr. A.R.Mohamed Shanavas**, "Towards Information Privacy Using

Transaction Based Max-Cover Algorithm, International conference on data mining and soft computing techiques- SASTRA University, Tanjavore, 25th and 26th Oct 2013

12. **Dr. A.R.Mohamed Shanavas,** Students Performance using clustering technique, on National conference on Advanced Computing at Jamal Mohamed College Tiruchirappalli, NCAC 2014, 5 March 2014

13. **Cynthia Selvi P, Dr. A.R.Mohamed Shanavas**, Analysis of privacy preserving techniques for data mining on National conference on Advanced Computing at Jamal Mohamed College Tiruchirappalli, NCAC 2014, 5 March 2014

14. **Dr. A.R.Mohamed Shanavas**, Retinal vessel segmentation for vessel Tortuosity in State Level Seminar on Computing and communicating Technology, at Jamal Mohamed College Tiruchirappalli,SCCT-2015,25 Feb.2015

15. **Dr. A.R.Mohamed Shanavas**, Vessel Centerline for Retinal Vessel Tortuosity on National conference on Advanced Computing at Jamal Mohamed College Tiruchirappalli, NCAC 2015, 5 March 2015

16. **Dr. A.R.Mohamed Shanavas**,"Efficient Automated Retinal Vessel Tortuosity Measurement in Diabetic Retinopathy Fundus Images" presented in Springer International Conference on Soft Computing Systems – ICSCS on February 2016 accepted in International Journal of Control Theory and Application [Scopus Indexed]

17. **Dr. A.R.Mohamed Shanavas**,"Retinal Vessel Tortuosity Evaluation using Connected Component Analysis for Fundus Images" presented in 5th IEEE International Conference on Communication and Signal Processing in April 2016 and included in IEEE Xplore Digital Library

18. **Dr. A.R.Mohamed Shanavas**,Sentiment Analysis on Facebook post using emotion analysis at Jamal Mohamed College Tiruchirappalli,NCCCT-2018, 20 Feb 2018

19. **Dr. A.R.Mohamed Shanavas**,A survey on various techniques used in sentiment analysis at Jamal Mohamed College Tiruchirappalli,NCCCT-2018,20 Feb 2018

20. **Dr. A.R.Mohamed Shanavas**,A study: Breast Cancer Prediction using datamining techniques at Jamal Mohamed College Tiruchirappalli, National conference on Advanced Computing (NCAC 2019), 12 March 2019

21. **Dr. A.R.Mohamed Shanavas**,Sentiment Analysis about smart phones using Twitter Corpus by Deep learning approach, at Jamal Mohamed College Tiruchirappalli, National conference on Advanced Computing (NCAC 2019), 12 March 2019

22. **Dr. A.R.Mohamed Shanavas,**Real Time feature convergence measure for efficient discrimination for transaction dataset, 2nd International conference on Advanced Computing in Computer Science in Jamal Mohamed College, Tiruchirapalli on December 2019

Conference / Workshop Organized:

1. Organised **National Conference** on "Advanced Concepts in Computer Science" in Computer Science in Jamal Mohamed College, Tiruchirapalli on September 2010

2. Organised a **National Conference** on "Advanced Concepts in Computer Science" in Computer Science in Jamal Mohamed College, Tiruchirapalli onMarch 2013.

3. Organised an **International Conference** on "Advanced Computing" in Computer Science in Jamal Mohamed College, Tiruchirapalli on December 2019

4. Organised **National Conference** on "Advanced Computing" in Computer Science in Jamal Mohamed College, Tiruchirapalli on on 3rd February 2023.

Details of Chairing / Resource Person:

1. Acted as a Resource person and Chairperson for paper presentation session in First International Conference on Data Engineering and Management at Bishop Heber College ICDEM 2008, Tiruchirappalli on 9th February2008.

2. Acted as a Resource person at Kendra Vidyalaya, Trichy for Training PG teachers in computer Science on 14.06.2008

3. Acted as a Resource person and Chairperson for paper presentation session in national Conference on "Recent Trends in IT" at Dhanalakshmi Srinivasan College, Perambalur on October 2010.

4. Acted as a Resource person and Chairperson for paper presentation session in national Conference on "Advanced concepts in IT" at Thanthai Hans Rovers College, Perambalur on Feb 2011.

5. Acted as a Resource person in a National Conference at National College, Trichy

6. Acted as a Resource person in a National Conference on Future Trends in applied mathematics and computer technology at Aiman College for Women, Trichy

7. Served as a judge for IT QUIZ in IGCOMP FEST'14 at Srimathi Indira Gandhi college, Trichy on 23.09.2014.

8. Acted as a resource person in an one day Webinar on " Image Processing Using MATLAB" On 30-07-2020 at Aiman College for Women ,Trichy on 26.2.2015.

9. Acted as Resource person in a in a National Conference "Advanced computing and communication - Adcom'15, organized by Department of Computer science and computer applications, Sri Akilandeshwari women's college, Wandiwash on 9.9.2015

10. Acted as a Resource person in UC sponsored one day seminar on e-Waste Management at Seethalakshmi Ramaswami College, Trichy on 21.01.2016

11. Acted as the Jury in International Hackathon for Smart India Hackathon, 13 Jan.2020 At Jamal Mohamed College, Trichirapalli.

12. Served as a judge for the paper presentation session in International Conference on 'Scientific and Technological Advancements for reliable and sustainable future (STARS-2022) from 16.11.2022 to 18.11.2022 at B.H.C, Trichy.

13. Acted as a Expert Speaker in a Seminar on Numerical Computing with MATLAB organized by Department of Mathematics, Aiman College for Women, Trichy on 11.10.2023

14. Acted as a Resource person in a Guest Lecture on Image Processing with MATLAB organized by Department of PG department of Computer Science, Aiman College for Women, Trichy on 10.01.2024

Details of Seminars / Conferences / Workshops Attended:

1. Participated in UGC sponsored four week orientation course from 22.2.1996 to 20.03.1996, Academic staff college, Bharathidasa University

2. Participated in UGC sponsored four week refresher course from 4th March 1999 to 31st March1999, Academic staff college, Bharathidasa University

3. Participated in UGC sponsored four week refresher course on Recent Trends in Information technology from 09.11.1999 to 29.11.99, Academic staff college, Bharathidasa University

4. Participated in UGC sponsored four week refresher course in computer science from 25.11.2000 to 15.12.2000, Academic staff college, Bharathidasa University

5. Participated in National Level Seminar on Emerging Trends in IT at Department of Compute Science, Bharathidasan University, Tiruchirappalli on 3rd and 4th February 2006.

6. Participated in state level technical symposium on enterprise management software in Indian context, School of engineering and technology, Bharathidasan university, Trichy,

Mar 18th 2006.

7. Participated in National Seminar on commerce education in the new Millenium-Challenges and perspectives, PG and research department of commerce, Jamal Mohamed College, Trichy on 14th, 15th September, 2006

8. Participated in Seminar on Research Directions in Information technology and applications organized by department of management studies, National Institute of Technology, Trichirapalli, Dec 22nd 2006

9. Participated in National Seminar sponsored by AICTE and conducted by Jamal Institute of Management at Trichirapalli, 23rd, 24th march 2007

10. Participated in a workshop on Pattern Recognition organized by department of Computer science , Periyar University, salem on 01.09.2007

11. Attended an orientation program organized by Department of Training & Capacity Building in Education NIEPA in Coloration with the UGC-HRDC & MANUU during 2nd July to 6th July 2018 at Hyderabad.

12. Attended AICTE Recognised Faculty Development Programme on Internet Of Things from 10-04-2020 to 14-04-2020(one week) Conducted by Computer Science and Engineering Department at National Institute of Teachers Training and Research Chandigarh.

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

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

15. Participated in State Level Seminar on Recent Trends in IT at Department of Computer Science, Jamal Mohamed College, Trichy on 28th March 2006.

16. Participated in National Conference on Frontier Research Areas in Computer Science, Bharathidasan University, Trichy on 17th and 18th August 2006.

17. Participated in 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 Mar2006.

18. Participated in UGC Sponsored National Level Seminar on Commerce Education in the New Millennium – Challenges & Perspectives at PG & Research Department of Commerce, JMC, Trichy on 14th and 15thSeptember 2006.

19. Participated in International Seminar on Research Directions in Information Technology and Application, Department of Management Studies, NIT, Trichy on 22nd Dec 2006.

20. Participated in Second National Seminar on Information Technology, Department of Computer Science, Bharathidasan University, Trichy on 23rd and 24th February 2007.

21. Participated in State Level Workshop on Research Prospects in Data Mining, Department of Computer Science, Jamal Mohamed College, Trichy on 22nd March 2007.

22. Participated in AICTE Sponsored National Conference On Changing Paradigms in Service Marketing, Jamal Institute of Management, Jamal Mohamed College, Trichy on 23rd and 24thMarch 2007.

23. Participated in Workshop on "Pattern Recognition", at Periyar University, Salem on 1st September 2007.

24. Participated in Second National Conference on Frontier Research Areas in

ComputingSciences, Bharathidasan University, Tiruchirappalli on 5th & 6th October 2007

25. Participated in Regional Workshop on "MATLAB & SPSS", organized by Department of computer science, St. Joseph College, Tiruchirappalli, 13th and 14th March 2009

26. Participated in three day Workshop on Training of placement officers, by Guidance and counselling and UGC coaching centre at Jamal Mohamed College, Tiruchirappalli on 1st to 3rd Feb 2010

27. Participated in National Level Seminar on Quality Enhancement in Teaching, Research & Extension in higher education institutions – Prospects and Problems organized by IQAC Jamal Mohamed College, Tiruchirappalli on April 15th and 16th 2010

28. Participated in National Level Seminar on Quran and Science by PG and Research Department of Arabic at Jamal Mohamed College, Tiruchirappalli on 20 Dec 2011

29. Participated in one day state level Seminar on Online Access to Research Journals and Books on 12th January 2012 at Jamal Mohamed College, Tiruchirappalli

30. Participated in Seminar on MHRD Draft Proposal for Higher Education Commission of India (REPEL of UGC Act 1956) Act 2018 by AIDED College Teacher's Association(ACTA) TamilNadu Jamal Mohamed College, Tiruchirappalli on 14th July 2018.

31. Participated in two day sponsored by workshop UGC CPE on professional development for academic leadership in curriculum design organized by Curriculum development cell, Jamal Mohamed College, Tiruchirappalli on 18th and 19th Jan 2019.

32. Attended a Workshop on Quality Enhancement of Research : New Paradigm in Trans-disciplinary approaches and IPR at Jamal Mohamed College, Tiruchirappalli on 6th September2019

33. Participated in second intenational conference on advanced computing in association with

binary university Malaysia and CSI (Computer Society of India – Trichirapalli chapter) by PG and Research department of Computer science and PG department of Information Technology, Jamal Mohamed College, Tiruchirappalli on 11th, 12th Dec 2019

34. Participated in orientation programme on preparing course outcomes in curriculum design organized by curriculum cell, Jamal Mohamed College, Tiruchirappalli on 3rd Jan 2020

35. Participated in special lecture programme on intellectual property rights and prior art search for research development organized by the intellectual property right cell of Jamal Mohamed College, Tiruchirappalli on 5th Fen 2020.

36. Participated a FDP on Data Science at Jamal Mohamed College, Tiruchirappalli on 18th May2020.

37. Participated in a Seminar, Creating competitiveness to excel in higher education- A TQM Approach, organized by IQAC Jamal Mohamed College, Tiruchirappalli on 8th Dec 2010

Country visited: Saudi Arabia for Umrah in 2013 and Hajj in 2016

Other Credits and Acclaims:

- **State Treasurer** of Aided College Teacher's Association (ACTA)

- Contested in **BDU Syndicate Election**- Jan 2022.

- Represented the College and participated in "**10th annual orientation programme for heads of Muslim Minority Institutions of Higher Learning** " organized by National Institute of Educational Planning and Administration, at Moulana Abul Kalam Azad National Urdu University on July 2-6 2018. Hyderabad.

- Awarded **Best Researcher Award** – 2023 by SKRG Publication, Madurai TamilNadu, on 5th September 2023

- Uploaded e-Content in youtube
  - https://www.youtube.com/watch?v=PeDBxubBqDw&t=6s
  - https://www.youtube.com/watch?v=9hondo91AWs&t=21s