

RESUME



- 1. NAME** : **Dr. S. ABDUL SALEEM**
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- 4. Date of Birth** : 27-02-1972
- 5. Official Address** : Department of Computer Science
Jamal Mohamed College(Autonomous)
Race Course Road,
Tiruchirappalli – 620 020
0431-2331535
- 6. Residential Address** : TF-5, Crescent Residency,
9, Abdul Gafoor Street,
Khajanagar,
Trichirappalli – 620 020
0431-2423190
- 7. Designation** : Associate Professor in Computer Science

8. Academic Qualification

- **Master of Philosophy in Computer Science(Ph.D)**, 2018, Jamal Mohamed College, Trichirappalli, India
- Passed **UGC-National Level Eligibility Test (NET-2017) for Assistant Professor**, conducted by Central Board of Secondary Education, New Delhi
- Passed **State Level Eligibility Test(SET-2016) for Lectureship**, conducted by Mother Theresa University, Kodaikanal
- **Master of Philosophy in Physics with DISTINCTION**, 2006-2007, Bharathidasan University, Trichirappalli, India
- **Master of Philosophy in Computer Science with FIRST class**, 2005-2006, Periyar University, Salem, India
- **Master of Computer Applications with FIRST class**, 2001-2003, Manonmaniam Sundaranar University, Tirunelveli, India
- **Post Graduate Diploma in Computer Science and Applications**, 1995-1996, Jamal Mohamed College, Trichirappalli, India
- **Bachelor of Education in Physical Science with SECOND class**, 1994 - 1995, St. Xavier's College of Education, Palayamkottai, India
- **Master of Science in Physics with FIRST class**, 1992-1994, Jamal Mohamed College,

Trichy, India

- **Bachelor of Science in Physics with FIRST class**, 1989-1992, St. John's College, Madurai Kamarajar University, India

9. Professional Experience (as on 01-03-2023)

Under Graduate : 26 Years 7 Months
Post Graduate : 24 Years 7 Months
M.Phil. : 15 Years 7 Months

10. Language Known : Tamil , English

11. Subjects Handled

- Computer Organization and Architecture
- Microprocessor Fundamentals and Applications
- Programming in C, C++ & JAVA
- Object Oriented Programming with C++
- Database Systems
- Software Engineering
- Client/Server Computing
- Scripting Languages
- Computer Graphics
- Image Processing
- Distributed Technologies in Java (J2EE)
- Relational Database Management Systems
- Python Programming
- Middleware Technologies

12. Research Supervision

M.Phil. Degree : Awarded – 32
 Pursuing – 1

13. Details of Publications (15 Publications, 5 Scopus Indexed)

- Published a paper "Piecewise Quadratic Fuzzy Threshold Based Adaptive Median Filter for Image Restoration", Journal Of Advanced Applied Scientific Research, Accepted, March 2023
- Published a paper "Fuzzy Decision Based Nonlinear Neighborhood Estimation Technique for Restoration of Impulse Degraded Color Images", (IASIR)American International Journal of Research in Science Technology, Engineering and Mathematics,pp.227-233,February 2019
- Published a paper "File Fragmentation to Improve Security in Cloud Using Graph Topology Grid Algorithm: A Survey", Asian Journal of Computer Science and Technology,ISSN: 2249 -0701 Volume 8 No. S2, 46-51, February 2019
- Published a paper "A Study on Image Segmentation Techniques", ", Asian Journal of Computer Science and Technology,ISSN: 2249 -0701, Volume 8 No. S2, 75-78, February 2019
- Published a paper "Non-Linear Multi-Layer Neighborhood Estimation Technique for Quality Enhancement of Color Images", International Journal of Pure and Applied Mathematics Volume 118 No. 6, 465-474,2018 (**Scopus**)

- Published a paper "Sentimental Analysis :Voice Based Driven Review Analysis", International Journal of Emerging Technology and Advanced Engineering Vol. 8,Spl. Issue 2, February 2018
- Published a paper "Adaptive Threshold-Based Directional Weighted Fuzzy Median Filter for Highly Impulse Degraded Images", Journal of Advanced Research in Dynamical and Control Systems, Volume 9, No. 5 ,142-150, February 2017 (**Scopus**)
- Published a paper "Fuzzy Decision Based Adaptive Directional Weighted Median Filter for Restoring Impulse Corrupted Images", International Journal of Computer Application (IJCA), ISSN: 0975-8887, vol. 141, no. 13, pp. 1-8, May 2016.
- Published a paper "An Effective Noise Adaptive Median Filter for Removing High Density Impulse Noises in Color Images", International Journal of Electrical and Computer Engineering (IJECE), Indonesia, ISSN: 2088-8708, vol. 6, no. 2, pp. 611-620, April 2016. (**Scopus**)
- Published a paper "Fuzzy Logic Decision Based Effective Adaptive Median Filter for Removing High Density Impulse Noises in Digital Images", International Journal of Applied Engineering Research (IJAER), ISSN 0973- 4562, vol. 10, no.82, pp. 84-90, November 2015. (**Scopus**)
- Published a paper "An Effective Adaptive Non-Linear Filter for Removing High Density Impulse Noises in Gray-Scale Images" in International Journal of Engineering and Technology (IJET), ISSN: 0975-4024, vol. 7, no. 5, pp. 1525-1536, October 2015. (**Scopus**)
- Published a paper "Survey on Color Image Enhancement Techniques", International Journal of Computer Application (IJCA), ISSN: 0975-8887, vol. 94, no.9, pp. 39-45, DOI: 10.5120/16374-5837, May 2014.
- Published a paper "Comparative Study on Fuzzy Logic Based Mixed Noise Filter for Color Images", International Journal of Innovative Science, Engineering and Technology(IJISSET), ISSN 2348-7968, Vol. 1 Issue 7, September 2014
- Published a paper "Survey on Color Image Enhancement Techniques using Spatial Filtering", International Journal of Computer Applications(IJCA), Vol. 94 No. 1, May-2014
- Published a paper "Efficient Image Enhancement using Hybrid Wavelet Techniques", International Journal for Scientific Research and Development(IJSRD) Volume 2, No. 6, August 2014.

14. Details of Paper Presentation (International-5, National-3 Total - 8)

- Presented a paper "Piecewise Quadratic Fuzzy Threshold Based Directional Weighted Adaptive Median Filter for Image Restoration", 2nd International Conference on Advanced Computing(ICAC-2019) at PG & Research Department of Computer Science, Jamal Mohamed College (Autonomous), Tiruchirappalli December 2019
- Presented a paper "File Fragmentation to Improve Security in Cloud Using Graph Topology Grid Algorithm: A Survey", National Conference on Advanced Computing (NCAC 2019), at PG & Research Department of Computer Science, Jamal Mohamed College (Autonomous), Tiruchirappalli on 12th March 2019
- Presented a paper "A Study on Image Segmentation Techniques", National Conference on

Advanced Computing (NCAC 2019), at PG & Research Department of Computer Science, Jamal Mohamed College (Autonomous), Tiruchirappalli on 12th March 2019

- Presented a paper "Fuzzy Decision Based Nonlinear Neighborhood Estimation Technique for Restoration of Impulse Degraded Color Images", International Conference on Mathematical Methods And Computation (ICOMAC 2019) at PG & Research Department of Mathematics, Jamal Mohamed College(Autonomous), Tiruchirappalli on 20th & 21st February 2019
- Presented a paper "Non-Linear Multi-Layer Neighbourhood Estimation Technique for Quality Enhancement of Color Images, International Conference On Mathematical Methods And Computation (ICOMAC 2017) at PG & Research Department of Mathematics, Jamal Mohamed College(Autonomous), Tiruchirappalli on 11th December 2017
- Presented a paper "Non-Linear Multi-Layer Neighbourhood Estimation Technique for Quality Enhancement of Color Images", International Conference on Mathematical Methods and Computation, Jamal Mohamed College, India on 11th December 2017.
- Presented a paper " A Systematic Survey on Face Recognition Methods", National Conference on Advanced Computing (NCAC 2011) at PG & Research Department of Computer Science, Jamal Mohamed College (Autonomous), Tiruchirappalli on 8th February 2011
- Presented a paper "Fuzzy Logic Decision Based Effective Adaptive Median Filter for Removing High Density Impulse Noises in Digital Images", International Conference on Advanced Computing(ICAC-2015) at PG & Research Department of Computer Science, Jamal Mohamed College (Autonomous), Tiruchirappalli December 2015.

15. Details of Seminar/Conference/Workshop Attended

- 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
- State Level Seminar on Recent Trends in IT at Department of Computer Science, Jamal Mohamed College, Trichy on 28th March 2006
- National Conference on Computer Science and Communication Technology, St. Joseph's College, Trichy on 16th and 17th February 2007
- State Level Workshop on Research Prospects in Data Mining, Department of Computer Science, Jamal Mohamed College, Trichy on 22nd March 2007
- National Level Seminar on "IT-Today and Tomorrow" at Muthayammal College of Arts and Science, Rasipuram.on 1st March 2008
- One Day Workshop on Emerging Trends in Information Technology, Bharathidasan University, Trichy-23 on 15th March 2008
- Creating Competitiveness to Excel in Higher Education – a TQM Approach at Jamal Mohamed College (Autonomous), Tiruchirappalli on 8th December 2010
- Workshop on National e-Governance Plan (NeGP) Awareness Campaign at Bharathidasan University Technology Park, Tiruchirappalli-23 on 9th January 2012

- UGC sponsored One day National Seminar on Examination Reforms at Jamal Mohamed College, Tiruchirappalli on 24th February 2012
- One day State Level Workshop on Soft Skills at Jamal Mohamed College, Tiruchirappalli on 29th 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 & Research in Higher Education – Excellence and Beyond Excellence at Jamal Mohamed College (Autonomous), Tiruchirappalli on 7th 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
- Participated in the National Workshop on Image Processing and Applications organized by the School of Computing Sciences and Engineering, VIT-Chennai on 13th March 2013
- Participated in Two days National Level Workshop on Digital Image Processing using MATLAB organized by the Department of Computer Science and Engineering, National College of Engineering, Maruthakulam, Tirunelveli in association with Computer Society of India on 9th and 10th October 2013.
- Participated in DST-PURSE Sponsored Workshop on Advanced Research Concepts in Computer Science using MATLAB organized by School of Computer Science, Engineering and Applications, Bharathidasan University, Tiruchirappalli and Computer Society of India – Tiruchirappalli Chapter at Bharathidasan University Technology Park, Khajamalai Campus, Trichy-23 on 18th December 2013
- Two-Days Workshop on Research Methodology in Computer Science, PG & Research Department of Computer Science, Jamal Mohamed College (Autonomous), Tiruchirappalli On 1 & 2nd March 2014
- Participated in the Two-days' Workshop on Research Methodology in Computer Science (WEKA&MATLAB), organized by Dept. of Computer Science and CSI- Student Branch on 2nd and 3rd March 2014
- Participated in National Level Workshop on PUBLISH& PROSPER-Impactful Research & Impact Factored Papers, PRIST University, Kumbakonam on 7th March 2014
- One Day National Workshop on "Research Issues in Big-Data Analytics" at BUTP, Tiruchirappalli on 27th March 2014
- A Four Day National Workshop on "LATEX and SPSS" at Department of Mathematics, Jamal Mohamed College, Tiruchirappalli on 26,29,30 September and 1st October 2014
- One Day Faculty Development Programme on "People Empowering People" organized by Department of Information Technology, Jamal Mohamed College (Autonomous), Tiruchirappalli-620 020 on 15th December 2014
- National Level Conference on Advanced Computing(NCAC-2014) organized by the PG & Research Department of Computer Science, Jamal Mohamed College(Autonomous) on 5th March 2014

- A Two-Day Workshop on Research Methodology in Computer Science at Department of Computer Science, Jamal Mohamed College, Tiruchirappalli on 27th & 28th January 2015
- State Level Conference on Computing and Communication Technologies(SCCT-2015) organized by the Department of Information Technology, Jamal Mohamed College on 25th February 2015
- National Level Workshop on Recent Trends in Human-Computer Interaction , Organized by Computer Society of India (CSI) at Srimathi Indira Gandhi College Tiruchirappalli on 28th February 2015
- National Conference on Advanced Computing(NCAC-2015) organized by the PG & Research Department of Computer Science, Jamal Mohamed College on 5th March 2015
- State Level Workshop on Python, Organized by Department Computer Science Engineering, Care Institutions, Trichy on 16th March 2015
- Participated in "International Conference on Advanced Computing (ICAC-2015)", organized by PG & Research Department of Computer Science, Jamal Mohamed College (Autonomous), Tiruchirapalli – 20 held on 3rd & 4th December 2015.
- Participated in one day workshop on "How a Teacher should be in the present scenario", organized by IQAC, Jamal Mohamed College (Autonomous), Tiruchirapalli – 20 held on 3rd December 2016.
- Participated in "National Conference on Computing and Communication Technologies (NCCCT 2018)", organized by PG & Research Department of Computer Science and PG Department of Information Technology, Jamal Mohamed College (Autonomous), Tiruchirapalli – 20 held on 20th February 2018.
- Participated in one day workshop on "Writing Winnable Project Proposals", organized by IQAC, Jamal Mohamed College (Autonomous), Tiruchirapalli – 20 held on 23rd June 2018.
- Participated in "2nd International Conference on Advanced Computing (ICAC-2019)", organized by PG & Research Department of Computer Science, Jamal Mohamed College (Autonomous), Tiruchirapalli – 20 held on 11th & 12th December 2019.
- Participated in "International Conference on Advances in Sensors, Energy and Hybrid Vehicles", organized by ICT Academy held between October 14-18, 2020
- Participated in "International Conference on Advances in IoT, High Performance and Edge Computing", organized by ICT Academy held between October 14-18, 2020
- Participated in "International Conference on Advances in Signals, Communications and Embedded Systems", organized by ICT Academy held between October 14-18, 2020
- Participated in "International Conference on AI, Robotics and Automation" organized by ICT Academy held between October 14-18, 2020
- Participated in "Two Days International Webinar on Artificial Intelligence and Machine Learning", organized by Department of Computer Science, Baba Farid College, Bathinda held on 7th and 8th July, 2020
- Participated in a Three Day Workshop on Fundamentals of Probability Theory and

Detection Estimation Theory jointly organized by the Department of Mathematics, Jamal Mohamed College, Trichy and Pentagram Technologies, India and Pentagram Research UK Ltd, Birmingham, United Kingdom from 06.10.2022 to 08.10.2022

16. Details of Study Materials / Books written and published:

- Author of course material for BCA (CDE) programme, Bharathidasan University, titled "Digital Electronics"

17. Acted as Resource Person:

- Acted as a Resource Person for conducting a workshop on "Advanced Java Programming" organized by the Department of Information Technology, S. Vellaisamy Nadar College, Nagamalai, Madurai on 14-03-2023
- Acted as a Resource Person and delivered a lecture on "Information and Communication Technology (ICT) for a Ten Day UGC NTA – NET Exam Coaching for paper-I, organized by Placement Cell of Jamal Mohamed College, Tiruchirappalli on 7th September 2022
- Acted as a Resource Person in the Young Student Scientist Programme (YSSP-2022), Catalyzed and supported by Tamil Nadu State Council for Science and Technology and conducted at Jamal Mohamed College, Tiruchirappalli-20 on 28th May 2022.
- Acted as a Chief Guest for the Inauguration of Association Activities and delivered a special lecture on "Career Opportunities and Higher Education in the field of Computer Science", organized by the Department of Computer Applications, Thanthai Periyar E.V.R College (Autonomous), Tiruchirappalli on 27th February 2020.
- Acted as Resource Person for Digital India Week Celebration Programme and delivered a special talk on "Digital India and Digital Services", organized by Computerized Calligraphy Training Center, Jamal Mohamed College, Tiruchirappalli on 4th July 2015
- Acted as a Resource Person for CSI Golden Tech-Bridge Programme, organized by PG & Research Department of Computer Science & CSI-Tiruchirappalli Chapter on 9th August 2014
- Acted as a Resource Person in "Cyber Training Programme for Judicial Officers of Trichy, Perambalur, Pudukottai and Karur Districts" organized by Tamil Nadu Judicial Academy in association with the Bharathidasan University and Jamal Mohamed College from 22 – 05 – 2006 to 26 – 05 – 2006
- Acted Resource person for Computer Training Programme for Employees of registration Department, Tiruchirappalli on 23rd October 2010
- TANCET – MCA Coaching Class, Department of Computer Science, Jamal Mohamed College (Autonomous), Trichy from 25th February to 6th March 2014
- Acted as resource persons for imparting basic computer training for 292 newly recruited police constables from 7th March 2011 to 18th March 2011
- Acted as a Judge for the Debugging event in Varit-2k14, Department of Information Technology, Jamal Mohamed College, Tiruchirappalli on 9th January 2014
- Acted as a Resource person for Training the Non-Teaching Staff members on Computer

Skills in One-Day CSI Golden Tech-Bridge Programme at Department of Computer Science, Jamal Mohamed College on 9th August 2014

- Acted as a Judge for the Code Conversion event in SWAP-2k14, Department of Computer Science, Jamal Mohamed College, Tiruchirappalli on 13th January 2014

18. International / National / State Level Seminars / Conferences / Workshops

Organized:

- Organized the National Conference on Advanced Computing (NCAC-2023) under the Autonomous Grant, conducted at Department of Computer Science, Jamal Mohamed College, Tiruchirappalli on 02-03.2023.

19. Academic Responsibilities in Jamal Mohamed College :

- Member Incharge of Department of Computer Science & IT (Self Finance) – November 2020 – till date
- Member of Board of Studies in Computer Science, Jamal Mohamed College (Autonomous), Tirucirappalli
- Microcell member of Internal Quality Assurance Cell (IQAC), Jamal Mohamed College (Autonomous), Tirucirappalli
- Placement Officer of Department of Computer Science for the period of 2015-2017, Jamal Mohamed College (Autonomous), Tirucirappalli
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20. Other Responsibilities:

- Treasurer of Jamal Mohamed College Staff Association – 2015-2017
- Member of JMC Alumni Association, Jamal Mohamed College (Autonomous), Tirucirappalli
- Co-organizer of Spoken Tutorial Programme, conducting by IIT Mumbai in Association with MHRD

21. Details of Participation in Consultancy, Training, Development etc..:

Attended on ICT-Sponsored Training Programme on Oracle Database Administration at Vikram College of Engineering, Madurai

22. Involvement in Evaluation System:

- Member, Board of Examiners for Post-Graduate courses, Bharathidasan University, Trichirappalli, South India.
- Member, Board of Question Paper Setter for Under-Graduate and Post-Graduate courses, Periyar University, Salem, South India
- Member, Board of Examiner & Board of Question paper Setter of Bishop Heber College, Trichirappalli, South India.
- Member, Board of Question Paper Setter for Under-Graduate and Post-Graduate courses, P.S.G.R Krishnammal Collge for Women, Coimbatore, South India

- Member, Board of Examiner & Board of Question paper Setter of AVC College(Autonomous), Manampanthal, Mailaduthurai, South India.

23. Courses attended

- Attended J2EE course from June 2002 to October 2002 at Skyline Software, India.

24. Countries visited: Singapore, Malaysia & Dubai

25. Technical skills

Programming Languages	Java, C++, C, COBOL, Matlab, Python, Scilab
J2EE Technologies	Servlets, EJB, JSP, XML, JMS, JavaMail
Scripting Languages	Java Script
Application Servers	BEA WebLogic
Web Servers	Apache Tomcat
IDE	NetBeans8.2
RDBMS	Oracle 8i, MS-Access, MySQL ,FoxPro
Operating Platforms	Microsoft Windows NT, XP, MS-DOS, Linux Ubuntu

Declaration :

I declare that the information furnished above are true to the best of knowledge and belief.

Place : Trichirappalli



Date : 01/04/2023

[S. ABDUL SALEEM]