# RESUME

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| 1. | Name | : | ZUNAITHA SULTHANA .A.M.S |
| 2. | Sex | : | Female |
| 3. | Designation | : | Assistant Professor |
| 4. | Date of Birth | : | 21-07-1976 |
| 5. | Address for communication | : | |

| **Residence** | **Office** |
|---|---|
| 24A,Kesava nagar, | Department of CS & IT, |
| Race Course Road, | Jamal Mohamed College, |
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6.　Educational Qualification　:　M.C.A., M.Phil., SET.,

| Examination passed | Year |
|---|---|
| M.C.A., | 2008 |
| M.Phil., | 2009 |
| TNSET | 2016 |

7.　Experience　:　Undergraduate 6 years
　　　　　　　　　　　　　Postgraduate   6 years

8.　Language Known　:　English, Tamil, Urdu, Kannada.

9.　Area of Specialization　:　Cloud Computing.

10.　Subject Taught

　　　Undergraduate　:　1. DBMS
　　　　　　　　　　　　　2. Programming in C ,C++.
　　　　　　　　　　　　　3. Digital Electronics.
　　　　　　　　　　　　　4. Micro Processor 8085
　　　　　　　　　　　　　5. Computer Graphics
　　　　　　　　　　　　　6. Programming in Java
　　　　　　　　　　　　　7. Operating System

Postgraduate                   :        1. Microprocessor 8086
                                        2. Software Testing
                                        3. Linux Administration
                                        4. Network Security
                                        5. Compiler Design
                                        6. Advance Computer Architecture

11.    Papers Presented:

- Presented paper on *Simulation based E-Learning in the* National Conference on Advanced Computing (NCAC -2009)at Department of Computer Science, Jamal Mohamed College, Tiruchirappalli.

- Presented paper on *Cloud Computing System Architecture in the* National Conference on Advanced Computing (NCAC -2011)at Department of Computer Science, Jamal Mohamed College, Tiruchirappalli.

- Presented paper on *Semantic Web Service and Grid Computing* in the National Seminar on *Emerging Trends in Information Technology* organized by Sri Venkateshwara College of Arts and Science, Thanjavur  Dt.

- Presented paper on *Quality of Service in Mobile cloud computing* in the International Conference on computing and information technology. (IC2IT-2013) organized by Alagappa University, Karaikudi on. 23 and 24 September 2013.

- Presented paper on *Comprehensive Survey Of Machine Learning Models For Optimal Energy Forecasting in the Modern Energy Industry* in the One Day International Conference on "Trends in Artificial Intelligence (ICTAI) " held on 20-09-2024 at Shrimati Indira Gandhi College, Tiruchirappalli.

- Presented paper on *Survey On Forecasting Churn Trends In Telecommunication* in the One Day International Conference on "Trends in Artificial Intelligence (ICTAI) " held on 20-09-2024 at Shrimati Indira Gandhi College, Tiruchirappalli.

12.    Publications:

- *Swot Analysis of Mobile Cloud Computing* in International Journal of Scientific and Research Publications, Volume 3, Issue 8, August 2013 -   ISSN 2250-3153.

- *Portable Camera Software Interface in an Embedded System Environment* book published in LAMBERT Academic Publishing, ISBN 978-3-659-45021-1.

- Published a Chapter *Beyond the Plug: Enhancing Mobile Phone Battery Longevity for Crisis Communication* in the book The Science Nexus , Printed & Published By Chyren Publication, ISBN :978-81-19820-35-1.

13. Workshops Attended:

- Two days' workshop on *ANDROIDAND IT'S APPS* organized by Periyar Maniammamai University Vallam, Thanjavur.(13-09-2013 &14-09-2013)

- One-day National workshop on Modeling *Cloud computing Platforms for Real Time Applications* inChettinad College of Engineering and Technology, Karur. (3-10-2013).

- One-day Orientation Programme on Soft Skill Development organized by the IQAC, Jamal Mohamed College on 22 June 2018.

- UGC CPE Sponsored Two Days workshop on" *Professional Development for Leadership in Curriculum Design."* Organized by Jamal Mohamed College on 18th and19January 2019.

- One Day International Workshop on *"IoT and Cloud Development"*, organized by AIMAN College of Arts and Science for Women, Trichy on 25.09.2019.

- A Three Days Workshop on "*Fundamentals of Probability Theory and Detection Estimation Theory*" jointly organized by the Department of Mathematics, Jamal Mohamed College (Autonomous),Tiruchirappalli with Pentagram Technologies, India and Pentagram Research UK Ltd, Birmingham, United Kingdom from 06th October 2022 to 08th October 2022.

- Attended the two days Virtual International Workshop on *"Unleashing Innovative Technologies "* on 19th& 20th February 2024, organized by Holy Cross College(A), PG Department of Data Science & Department of B.Voc. Software Development in collaboration with Jamal Mohamed College(A), PG & Research Department of Computer Science , Tiruchirappalli-20.

- Attended nation level workshop on "*Artificial Intelligence and the Emerging Real Time Applications (AI ERA) "* by New Research and Innovation Society, Chennai from 27-02-2024  to 29-02-2024.

- Attended National Online Workshop on *Statistical Data Analysis Using R & Python* during November 24- 30 , 2024 . Organized by Amiruddaula Islamia Degree College , Luknow  and Science Tech Institute , Lucknow.

14. FDP Attended:

- One-day Faculty Development Programme on Rapid Application Development Using Python on September 22 2018, organized by Bishop Heber College.

- *Staff Enrichment Program on Ownership Culture*, organized by the Internal Quality Assurance Cell, Jamal Mohamed College (Autonomous) , on 14th Jun 2019.

- Online Faculty Development Programme on *Data Science Organized* by the PG & Research Department of Computer Science and Information Technology of Jamal Mohamed College (Autonomous) in association with Computer Society of India, Tiruchirappalli Chapter on 18th May 2020.

- *E-Content Development* (FDP) organized by the Internal Quality Assurance Cell of Jamal Mohamed College on 30-06-2020 to 04-07-2020.

- Faculty Enrichment programme organized by Internal Quality Assurance cell of Jamal Mohamed College from 21-06-2021 to 25-06-2021.

- Faculty Enrichment programme organized by the Department of Library in association with Internal Quality Assurance Cell, Jamal Mohamed College (Autonomous) on 28.07.2021.

- Faculty Development Programme on *AI In Business* organized by the Department of Data Science, St.Joseph's College (Autonomous), Tiruchirappalli on 11.01.2022.

- Five days FDP on Cloud Practitioner (AWS) conducted by ICT Academy on 26th Dec 2022 to 30th Dec 2022.

- Participated in Five days FDP organized by Internal Quality Assurance Cell of Jamal Mohamed College (Autonomous), Tiruchirappalli-20 from 05-06-2023 to 09-06-2023.

- Participated FDP on *Deep Learning Case Studies* held between 25-OCT-2023 to 31-OCT-2023 at Christ (Deemed to be university) Yeshwanthpur Campus, Bangalore conducted by TCS.

- Participated One week FDP on *Road Map for Intellectual Property Rights* organized by IPRC, IQAC and IIC of Jamal Mohamed College (Autonomous), Tiruchirappalli -20 from 08-01-2024 to 12-012024.

- Participated in A Five –Day FDP on *Inspire, Engage and Empower* organized by the PG and Research Department of English (SF-Women) in association with IQAC of Jamal Mohamed College(Autonomous) Tiruchirappalli, Tamilnadu from 01-02-2024 to 07-02-2024.

- Participated in the Online FDP on *Leveraging AI for Smart Teaching* organized by Department of Information Technology, Bishop Heber College from04-03-2024 to 09-03-2024

- Participated in the International Level Virtual FDP on *AI for Educators, A Six Days Faculty Development Journey* Organized by the Department of Software Engineering from 18-03-2024 to 23-03-2024 at Periyar Maniammai Institute of Science and Technology, Vallam , Thanjavur.

- Participated in Five Day FDP from 05—06-2024 to 09-06-2024 jointly organized by Department of Computer Science, CS & IT, CA, Jamal Mohamed College (Autonomous), Tiruchirappalli-620020.

- Participated in the Five Days National Level Faculty Development Program on *Exploring Computational Intelligence* Organized by SCOPE, VIT –AP University Amaravalli from 16-07-2024 to 20-07-2024.

- Participated in the Five Days International Level Faculty Development Program on *Exploring New Frontiers in Teaching Tools, AI and DATA Analytics* Organized by MEASI Institute of Information Technology , Royapettah, Chennai from 29-07-2024 to 02-08-2024.

- Participated in the online FDP on *Leveraging AI Technologies for Enhanced Teaching, Learning and Assessment* Organized by the Department of Computer Science & Information Technology, Jamal Mohamed College (Autonomous), Tiruchirappalli-620020 from 29-07-2024 to 02-08-2024.

- Participated in National Level Five Day Virtual FDP entitled *SEPT @360 – Skill Enhancement Program for Teachers* held from 02-09-2024 to 06-09-2024 Organized by IQAC of SMCE & SVCAS in Celebration of Teachers Day 2024.

- Participated in the One Week International FDP on *Cutting –Edge Technologies in Computer Science* during 23-09-2024 to 29-09-2024.

15. Online Certification Courses:

- Completed in NPTEL –AICTE Eight weeks Course on "*Cloud Computing*" from Aug 2019 to Oct 2019.  [8 week course - Equivalent to 7 days FDP] / IIT, Madras.

- Completed in NPTEL –AICTE Four weeks on Course "*Python for Data Science* " from Jan 2024 to Feb 2024 [4 weeks course - Equivalent to 5 days FDP] / IIT, Madras.

- Participated in the online skilling course on "*Gender ED*" offered by Tech Mahindra Foundation through Skill India Digital Hub .Course completed on November 13, 2024.

- Participated in the online skilling course on "*Field Technician Computing & Peripherals* "offered by NSDC through Skill India Digital Hub. Course completed on November 16, 2024.

16. Acted as Resource Persons / Chairpersons:

- Acted as a Resource Person for a Special Lecture on the topic of "*Developing Projects*", Organized by Placement of Computer Science & IT (SF-Women), Jamal Mohamed College (Autonomous), Tiruchirappalli-20, on 8th March 2024.

- Acted as a Judge for the event "*CONNECTIONS "TECHNOVATION 2K24*, Interdepartmental Competitions, organized by Department of Computer Applications(SF-Women), Jamal Mohamed College (Autonomous), Tiruchirappalli-20, held on 24th January 2024.

17. Conferences/Seminar/ Webinar Attended

- International Conference on "*Advanced Computing*", PG & Research Department of Computer Science and PG Department of Information Technology, Jamal Mohamed College, Trichy on 11-12-2019   &   12-12-2019.

- Participated in the "*Orientation Programme on MOOC's and e-Learning* "on 29-jan-2020 organized by Department of Library, Jamal Mohamed College (Autonomous), Tiruchirappalli on 29 January 2020.

-  Webinar on "*An Effective Research Paper Writing Skill*" conducted by Bhagwan Mahavir College of Commerce and Management Studies, Bhagwan Mahavir University, Surat, Gujarat on 13-04-2020 to 16-04-2020.

- "*Machine learning Algorithm, Application and Trends* ",organized by IQAC and school of Computational Science in association with Computer Society of India, Chennai Chapter, Shri Shankarlal Sundarlal  Jain College for Women on 10-05-2020.

- Webinar on "*Recent Trends in Cloud Computing*" Organized by the PG Department of Information Technology, Jamal Mohamed College (Autonomous) on 11.05.2020.

- *"Artificial Intelligence*" organized by The Department of Computer Science, Vaishnav College for Women (Autonomous). Chennai-34 on 20-05- 2020.

- Webinar on "*Guidelines for Writing a Research Paper*" Organized by Research committee, Arasu Engineering College, Kumbakonam on 22.05.2020.

- Webinar on "*Data Analytics - Innovative Research methods and Data Analysis*" Conduct on 23.05.2020 organized by Dept. of Computer Science and Engineering,Vignan's Institute of Management and Technology for Women, Hyderabad.

- International Webinar on "*Cloud Computing Skills for Future*" conducted by Vidhya Sagar Women's College on 30th May 2020.

- Participated in the Webinar on "*National Education Policy - 2020*" organized by Internal Quality Assurance Cell of Jamal Mohamed College on 08-08-2020.

- Participated in the Webinar on "Best Practices in Acquiring Scholarly Knowledge" organized by the Department of Library and Internal Quality Assurance Cell, Jamal Mohamed College (Autonomous), Tiruchirappalli-20, on 16th August 2020.

- Attended a international Seminar on "*Exploring Future Technological Frontiers(ISEFTF 24)* "organized by the AIMAN College, Tiruchirappalli, on 17th February 2024.

- Attended an international Seminar on Advanced Computing (ISAC 2024) at Jamal Mohamed College (Autonomous), Tiruchirappalli-20, on 22-- 02-2024.

- Participated in the International Conference On "*Recent Intelligent Technologies in Science, Engineering, Humanities & Management (IC-RITSEHM)*" Jointly Organized by Ram Krishna College Madhubani-Bihar, RFI CARE & Research Foundation of India on 12-11-2-2024.