

CURRICULAM VITAE

M. MOHAMED ZAMAM NAZAR *M.Sc., MPhil., MBA.,*

Assistant Professor

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Personal Summary

Dedicated and experienced with over ten years of experience in teaching at Jamal Mohamed College (Autonomous). Adept in creating powerful curriculum in the fields of Computer Science. Adept at working with students to successfully prepare them for personal and professional success in today's world. Knowledgeable and experienced in various educational philosophies, which best promote the overall experience of a student. A committed faculty member, passionate about working to further enhance the educational offerings of an institution.

Work Experience

- **Assistant Professor** **June 2024 to Till Date**
Department of Computer Science, Jamal Mohamed College (Autonomous) | Tiruchirappalli - 20, Tamil Nadu, India.
 - Used variety of learning modalities and support materials to facilitate learning process and accentuate presentations, including visual, aural and social learning modalities.
 - Built strong rapport with students through class discussions and academic advisement.
 - Helped struggling students by providing support outside of classrooms and consistently checking in on progress.
 - Collaborated with colleagues on curriculum revision, evaluation of course syllabi and lesson plans for curriculum.
 - Mentored students and communicated internship and employment opportunities.
 - Applied innovative teaching methods to encourage student learning objectives.
- **Programmer** **June 2014 to May 2024**
Department of Computer Science, Jamal Mohamed College (Autonomous) | Tiruchirappalli - 20, Tamil Nadu, India.
 - Supported lab sessions, contributing to student engagement, comprehension and learning objectives.
 - Created materials and exercises to illustrate application of course concepts.

- **Sub-Warden** **June 2014 to Till date**
Khajamian Hostel, Jamal Mohamed College (Autonomous) | Tiruchirappalli - 20, Tamil Nadu, India.
 - Handled inmate presence and preparing reports on daily basis.
 - Coordinated responses to emergency situations arising inside the hostel.
 - Offered friendly and efficient service, handled challenging situations with ease.
 - Supervised mess employees for the performance of tasks.

Educational Qualifications

- **Doctor of Philosophy | Computer Science** **Pursuing**
 Jamal Mohamed College (Autonomous) | Tiruchirappalli – 20, Tamil Nadu, India.
- **Master of Business Administration** **2017**
 Bharathidasan University | Tiruchirappalli – 20, Tamil Nadu, India.
- **Master of Philosophy | Computer Science** **2016**
 Jamal Mohamed College (Autonomous) | Tiruchirappalli – 20, Tamil Nadu, India.
- **Master of Science | Computer Science** **2014**
 Jamal Mohamed College (Autonomous) | Tiruchirappalli – 20, Tamil Nadu, India.
- **Bachelor of Science | Computer Science** **2008**
 Jamal Mohamed College (Autonomous) | Tiruchirappalli – 20, Tamil Nadu, India.

Journal Patent Published

Title of the Invention	: IOT Based Agricultural Disease Detection System
Patent	: Indian Patent
Application No.	: 202441051976 A
Date of Publication	: 12th July 2024

Area of Specialization

- Android Application Development

Subjects Handled

- Android Application Development
- PHP
- SQL
- Python
- Computer Network
- Cyber Security
- Machine Learning
- Analysis of Social Network

List of Journal Publications – International

- Published a paper titled “Iterative Dichotomiser Maximum Posteriori Active Selection Algorithm for Analysis of Coma Patient’s Brain Waves Through WSN” in **Springer Nature Computer Science** on 05th April 2022.
- Published a paper titled “Identification and Monitoring the Details of Coma Patient using Resilient Propagation Basis Function Neural Network Classifier Algorithm for Monitoring Brain Signals through Wireless Sensor Network” in **IJCSNS – International Journal of Computer Science and Network Security** on 06th June 2022.
- Published a paper titled “Security based alternative approaches for controlling access to critical information in wireless sensor network” in **International Journal of Innovative Research in Technology** (ISSN 2349 - 6002) on 03rd August 2015.

List of Paper Presented in Conferences

- Presented a paper titled “Monitoring the Critical Information of Coma Patients Brain Wave using Wireless Sensor Network” in International Conference on “Artificial Intelligence Trending Towards Automation 4.0” organised by PG & Research Department of Computer Sciences & Applications, Vivekanandha College of Arts and Science for Women, Tiruchengode, Namakkal, Tamil Nadu, on 11th & 12th April 2023.
- Presented a paper titled “Identification and Monitoring the Details of the Coma Patients using Classifier Algorithm for Monitoring Brain Wave Signals through Wireless Sensor Network” in the National Conference on Advanced Computing organised by PG and Research Department of Computer Science, Information Technology & Computer Applications, Jamal Mohamed College (Autonomous), Tiruchirappalli – 620 020, Tamil Nadu on 02nd March 2023.
- Presented a paper titled “Contribution for Retrieving the vegetative state COMA patient through the wireless Electroencephalography” in the National Conference on Internet of Things (IoT) organized by Department of Computer Science (SF), Ayyan Nadar Janaki Ammal College, Sivakasi and Tamil Nadu State Council for Higher Education (TANSCH) sponsored held on 21st February 2020.

As a Resource Person / Organiser / Jury / Evaluator

- Acted as a Resource Person and delivered a special lecture on “Behavioural Changes” organised by the Khajamian Hostel, Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamil Nadu, on 27th February 2024.
- Acted as Organizer for a Technical and Non-Technical Competition “KMH Intelligientia 2K24” for the student community held at Khajamian Hostel, Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamil Nadu, on 08th and 09th February 2024.

- Acted as Organizer for a Technical and Non-Technical Competition “KMH Intelligentia 2K23” for the student community held at Khajamian Hostel, Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamil Nadu, on 18th March 2023.
- Acted as a Resource Person on “Android Application Development” for the first year Under Graduate students of Computer Science and Information Technology organised by the Department of Computer Science & IT (SF-Men), Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamil Nadu, on 01st March 2023.
- Acted as a Resource person in two days Faculty Development Program under DBT Star Scheme on “Digital Classroom” organized by PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous), Trichy, held on 23rd and 24th June 2020.
- Jury – Internal Hackathon for Smart India Hackathon 2020 organized by Institution’s Innovation Council (Ministry of Human Resource Development) at Jamal Mohamed College (Autonomous), Tiruchirappalli held on 13th January 2020.
- Evaluator - State level 27th National Children’s Science Congress – 2015 “ Science, Technology and Innovation for Green, Clean and Health Nation” a Programme of NCSTC, Government of India organized by Tamilnadu Science Forum at SBIOA School, Tiruchirappalli held on 11th November 2019.
- Evaluator – The Future Scientist organized by Tamilnadu Science Forum, Hindu Tamil Thisai and Vellore Institute of Technology at National College (Autonomous) Tiruchirappalli held on 13th October 2019.

Details of Study Materials Prepared

- Developed a Study material on “Mobile Application Development” for BCA /B.Sc. CS / IT students

Details of E-Content You tube Videos Development

Sl. No.	Name of the Content	Platform & Link	Date of Published
1.	Menu in Android	Institutional Subject: Android Application Development Link: https://www.youtube.com/watch?v=ZHiNlfVwr3g	22 Jul 2022
2.	Move from one Activity to Another Activity	Institutional Subject: Android Application Development Link: https://www.youtube.com/watch?v=eu3bl_u4eSQ	20 Jul 2022
3.	Android Layout Part-1	Institutional Subject: Android Application Development Link: https://www.youtube.com/watch?v=H28oGV3-nmA	29 Apr 2020

4.	Android Layout Part-2	Institutional Subject: Android Application Development Link: https://www.youtube.com/watch?v=oMkwdQLnr0E	29 Apr 2020
5.	Change random colors for layout using buttons without using array	Institutional Subject: Android Application Development Link: https://www.youtube.com/watch?v=xfMZjqOWm18	13 Apr 2020
6.	Background Image in Layout	Institutional Subject: Android Application Development Link: https://www.youtube.com/watch?v=a2FP1mzIPpU	13 Apr 2020
7.	Gradient Colors in Layout Background	Institutional Subject: Android Application Development Link: https://www.youtube.com/watch?v=b7jkl3a1EQo	12 Apr 2020
8.	New Project in Android Studio and using some basic controls	Institutional Subject: Android Application Development Link: https://www.youtube.com/watch?v=wXZjU-hZMzg	8 Apr 2020
9.	Installation of Android Studio	Institutional Subject: Android Application Development Link: https://www.youtube.com/watch?v=FOWYAnKHlns	7 Apr 2020
10.	How to install jdk and path setting for jdk	Institutional Subject: Android Application Development Link: https://www.youtube.com/watch?v=BDs3cTpI7Dc	5 Apr 2020
11.	History of Android	Institutional Subject: Android Application Development Link: https://www.youtube.com/watch?v=zOTNH7CWzM	3 Apr 2020

List of Conferences / Seminars attended

- Participated in one-day seminar on “Artificial Intelligence & IR4.0” conducted by 3G Institute of Research and Policy Studied at IIT Madras Research Park held on 23rd February 2020.
- Participated in one-day National Conference on Internet of Things (IoT) organized by the Department of Computer Science, Ayya Nadar Janaki Ammal College, Sivakasi, held on 21st February 2020.
- Participated in two-day International Conference on Advanced Computing (Under UGC Autonomous Grant) organized by PG & Research Department of Computer Science and PG Department of Information Technology, Jamal Mohamed College (Autonomous), in association with Binary University, Malaysia & Computer Society of India, held at Tiruchirappalli, on 11th & 12th December 2019.

- Participated in one-day seminar on “Research Concepts in Big Data Analytics and Internet of Things” organized by Department of Computer Science & Engineering, Bharathidasan University, Tiruchirappalli, held on 20th March 2018.
- Participated in one-day National Conference on Computing and Communication Technologies organized by PG & Research Department of Computer Science and PG Department of Information Technology, Jamal Mohamed College (Autonomous), Tiruchirappalli, held on 20th February 2018.
- Participated in one-day National Conference on Advanced Computing organized by PG & Research Department of Computer Science, Jamal Mohamed College (Autonomous), Tiruchirappalli, held on 15th March 2017.
- Participated in one-day National Conference on Computing and Communication Technologies organized by PG & Research Department of Information Technology, Jamal Mohamed College (Autonomous), Tiruchirappalli, held on 17th September 2016.
- Participated in one-day conference on “National Conference of Advance Computing “organized by PG and Research Department of Computer Science, Jamal Mohamed College on 5th March 2015.
- Participated in state seminar on “State Level Seminar on Computing and Communication Technologies” conducted in PG Department of Information Technology, Jamal Mohamed College on 25th February 2015.

List of Faculty Development Programme attended

- Participated in seven-days National Level Faculty Development Programme on “Python” organised by the Star International Foundation for Research and Education, Namakkal, Tamil Nadu on 19th March 2024 to 25th March 2024.
- Participated in five-days Faculty Development Programme on “Recent Trends in Data Science” organized by Department of Computer Science, Bon Secours College for Women, Thanjavur, Tamil Nadu on 11th September 2023 to 15th September 2023.
- Participated in six-days Faculty Development Programme on “Disruptive Technologies of Computer Science” organised by the Department of Computer Science, Sathyabama Institute of Science & Technology, Chennai, Tamil Nadu on 24th July 2023 to 29th July 2023.
- Participated in five-days Faculty Development Programme on “Emerging Trends in Innovative Research” jointly organized by Department of Business Administration & Institution’s Innovation Council (IIC), Jamal Mohamed College (Autonomous), Tiruchirappalli, on 03rd July 2023 to 07th July 2023.
- Participated in one-day Faculty Development Programme on “Trustworthy AI” organised by the Department of Data Science, St. Joseph’s College (Autonomous), Tiruchirappalli, Tamil Nadu, on 12th March 2023.
- Participated in five-days National Level Faculty Development Programme on “Recent Advancements in Computing Technology” organised by the Department of Computer Science (Under DBT Star College Scheme), Sri. S. Ramasamy Naidu Memorial College, Virudunagar, Tamil Nadu, on 13th February 2023 to 17th February 2023.

- Participated in seven-days Faculty Development Programme on “Application of Machine Learning in Morden Cloud Era” organised by the Department of Computer Science and Applications, Periyar Maniammai Institute of Science & Technology, Thanjavur, Tamil Nadu in association with Computer Society of India & Center for Human Resource Development on 28th October 2022 to 03rd November 2022.
- Participated in six-days Faculty Development Programme on “Advanced Research Methodology: Tools and Techniques” organised by the Institution Innovation Council(IIC) and the Department of Information Technology, Bon Secours College for Women, Thanjavur, Tamil Nadu, on 19th February 2022 to 24th February 2022.
- Participated in one-day Faculty Development Programme on “Intellectual Property Rights” under DBT Star College Scheme jointly organised by the PG and Research Department of Physics and Institution’s Innovation Council, Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamil Nadu, on 09th February 2022.
- Participated in one-day Faculty Development Programme on “AI in Business” organised by the Department of Data Science, St. Joseph’s College (Autonomous), Tiruchirappalli, Tamil Nadu, on 11th January 2022.
- Participated in one-day International Faculty Development Programme on “Changing Scenario in the Global Higher Education” organised by the Internal Quality Assurance Cell, Servite Arts and Science College for Women, Karur, Tamil Nadu, on 19th June 2020.
- Participated in five-days Faculty Development Programme on “E-Content Development” Organized by the Internal Quality Assurance Cell of Jamal Mohamed College (Autonomous), Tiruchirappalli, held on 30th June to 4th July 2020.
- Participated in two-days Faculty Development Programme on “Google Apps” jointly organised by the Department of Science and IQAC, Malur, Karnataka, on 29th May 2020 to 30th May 2020.
- Participated in three-days Faculty Development Programme on “Descriptive Statistics through R – Programming” conducted by Department of Mathematics, KPR Institute of Engineering and Technology, Coimbatore, Tamil Nadu, on 26th May 2020 to 28th May 2020.
- Participated in seven-days Faculty Development Programme on “Mobile Application Development” conducted by ICT Academy on 06th May 2020 to 12 May 2020.
- Participated in three days online FDP on “ Machine Learning and Artificial Intelligence ” organized by Andhra Loyola Institute of Engineering and Technology on 4th May 2020 to 6th May 2020.
- Participated in two weeks faculty development programme on “ Managing Online Classes and Co-Creating MOOCS” Conducted by Teaching and Learning Centre, Ramanujan College, University of Delhi, Sponsored by Ministry of Human Resource Development, Pandit Madan Mohan Malaviya, National Mission on Teachers and Teaching held on 20th April 2020 to 06th May 2020.
- Participated in one-day Faculty Enrichment Program “Use of NLP Techniques in Teaching” conducted by the Department of Information Technology, Jamal Mohamed college in association with ICT Academy of Tamilnadu on 5th March 2016.

List of Workshops Attended

- Participated in five-days National Level Workshop cum Hands-on Training on “LaTeX for writing Research Papers & Scientific Documents” conducted by A.C.T Academy, Kerala Chapter, organised by the Department of MCA, CMR Institute of Technology, Bangalore, Karnataka, on 24th June 2024 to 28th June 2024.
- Participated in two-days International Workshop on “Unleashing Innovative Technologies” jointly organised by the PG Department of Data Science and Department of B.Voc. Software Development, Holy Cross College (Autonomous) and PG & Research Department of Computer Science, Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamil Nadu, on 19th February 2024 to 20th February 2024.
- Participated in workshop on “Introduction to Android App Development” organised by the NPTEL, IIT Madras, on 8th July 2023.
- Participated in two-days International Workshop on “Integration of Animation in Teaching-Learning” organised by Center for Knowledge Acquisition, Retention and Transformation (C-KART) School of Education Pandit Madan Malaviya National Mission on Teachers and Teaching, Ministry of Education, Govt. of India, held at Faculty of Education, Dayalbagh Educational Institute (Deemed to be University), Dayalbagh, Agra, on 28th January 2021 to 29th January 2021.
- Participated in five-days online workshop for teachers from 14th May 18th May 2020. During the workshop, the following components are exposed: Introduction to Animation, Creation of Animated objects and characters, Creation of Interactive Animation and Evaluation.
- Participated in National level online workshop on “Smart Research” organized by Internal Quality Assurance Cell, Government First Grade College, Kanakapura held on 7th May to 9th May 2020.
- Participated in three-days online workshop on “Online Research Methodology Workshop” organized by REST Society for Research International (RSRI), Krishnagiri held on 12th to 14th April 2020.
- Participated in two-days skill Development Workshop on “Mobile Application Development using Android and IOS” organized by Department of Computer Application (MCA), Mepco Schlenk Engineering College, Sivakasi, held on 26th & 27th April 2019.
- Participated in one-day Workshop on “Internet of Things and its Applications” organized by Department of Information Technology, St. Joseph’s College (Autonomous), Tiruchirappalli, held on 15th December 2017.
- Participated in one-day workshop titled “Big Data with HADOOP, HDFS and MAPREDUCE” conducted in K.Ramakrishnan College of Technology on 4th March 2017.
- Participated in one-day workshop on “A One Day Inter – Collegiate Workshop on E-Content Development for Teaching - Learning” conducted in Jamal Mohamed College on 22nd December 2015.

List of Webinars attended

- Participated in National Webinar on “Overview of Cloud Computing” organized by PG Department of Computer Science & Applications, Mother Gnanamma Women’s College of Arts and Science, Tiruchirappalli on 3rd June 2020.
- Participated in the International Webinar on “Effective usage of ICT Tools for Higher Education” organized by Servite Arts and Science College for Women, Karur, held on 3rd June 2020.
- Participated in the webinar on “Wireless Communication Essentials” presented by lead software engineer from APPLE – USA on 2nd June 2020.
- Participated in the webinar on “Exploring data analytics using spark platform and cloud services using kubernetes containers” organized by Department of Computer Science (Shift – I) Bishop Heber College (Autonomous), Tiruchirappalli, held on 28th May 2020.
- Participated in the International Webinar on “Recent Trends in Information Technology - 2020” organized by the Department of Information Technology, J.J. College of Arts and Science (Autonomous), Pudukkottai held on 24th May, 2020.
- Participated in the webinar on “HTML5 and CSS3” organized jointly by CreArt Solutions and Sigma Institute of Engineering – Vadodara on 22nd May 2020.
- Participated in the webinar on “Need of IoT for modern Electrical Engineer” organized by Department of Electrical and Electronics Engineering, SRM Institute of Science and Technology, Chennai on 21st May 2020.
- Participated in the webinar of “Django Python Framework” on 20th May 2020, Akash Technolabs and Sigma Institute of Engineering, Vadodara.
- Participated in the webinar on “IPR and Patent Drafting” organized by IQAC, St. Peter’s Institute of Higher Education and Research on 14th May 2020.
- Participated in webinar on “Gamification Tools in Teaching” organized by Internal Quality Assurance Cell, St. Xavier’s College for Women, Aluva held on 07th May 2020.
- Participated in one-day webinar on “Research challenges in Data Mining” organized by Chennai Institute of Technology on 06th May 2020.
- Participated in one-day webinar on “How to use Turnitin Software for your Research” organized by Guru Nanak Institute of Management Studies, Mumbai on 4th May 2020.
- Participated in one-day webinar on “Journey Towards Entrepreneurship” organized by Computer Science Engineering Department, Bhagwan Mahavir University on 2nd May 2020.
- Participated in one-day webinar on “How to Avoid Plagiarism using URKUND as a Plagiarism tool” organized by e-Galactic in association with Post Graduate Government College for Girls – 42, Chandigarh & Birla Institute of Management Technology, Greater Noida in collaboration with Ranganathan Society for social welfare and Library Development on 2nd May 2020.

- Participated in one-day webinar on “Bridging Gaps between Technology and Market Expectation” organized by Computer Engineering Department on 1st May 2020.
- Participated in one-day webinar on “Recent Advancement of Education and Technology” organized by International Journal of Advance Study and Research Work in association with Department of Engineering Science, Dr. D.Y. Patil School of Engineering, Lohegaon, Pune on 01st May 2020.
- Participated in three-day webinar on “Emerging Technologies” conducted by VIT on 20th to 22nd April 2020.
- Participated in four-day webinar on “An Effective Research Paper Writing Skills” Conducted by Bhagwan Mahavir University, Surat held on 13th to 16th April 2020.

Merit Certificate

- Won Certificate of Merit for secured Second Prize in M.Sc Computer Science in the academic year 2014-2015 at Jamal Mohamed College (Autonomous), Tiruchirappalli-620020.

Certificate Courses

- Certificate in “Inkscape (Open Source Software)” online course conducted by Department of Visual Communication, Jamal Mohamed College (Autonomous), Tiruchirappalli, in association with Balaji Institute of Computer Graphics, Coimbatore and the online examination was held on 11th May 2020.
- Certificate in “Fundamental of Digital Marketing” 40 hours online course conducted by the GOOGLE DIGITAL UNLOCKED on 12th April 2020.
- Certificate in “Typewriting English” organized by Department of Technical Education, Government of Tamilnadu on February 2006.
- Certificate in “Hindi Parichaya Examination” organized by Dakshina Bharat Hindi Prachar Sabha, Tamil Nadu on February 2005

Personal Details

Date of Birth & Age	04.10.1991, 32 Yrs.
Marital Status	Married
Nationality	Indian
Religion & Community	Islam – BC (Muslim)
Languages Known	Tamil and English
Residential Address	64 Akbar Street, Melapalayam, Tirunelveli – 627005, Tamil Nadu.
Office Address	Department of Computer Science, Jamal Mohamed College (Autonomous), No. 7, Race Course Road, TVS Tollgate, Tiruchirappalli – 620 020, Tamil Nadu, India.
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Declaration

I declare that the information is correct and true to the best of my knowledge and belief.



M. MOHAMED ZAMAM NAZAR