

CURRICULUM VITAE

Dr Ayesha Mariyam

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Objective:

Seeking a distinguished role as a Senior Assistant Professor/Associate Professor in Computer Science and Engineering (CSE), with specialization in Artificial Intelligence and Data Science (AI&DS) or Artificial Intelligence and Machine Learning (AI&ML) or CSE allied branches. Awarded Ph.D. in CSE, JNTUH in DEC 2024, I bring over 16 plus years of experience in academia, complemented by a track record of scholarly publications in reputable journals and conferences.

Academic Experience:

- Overall **16+** years of work experience.
- Working as **Assistant Professor** in CS&AI Dept. from April 2022 to till date in **Muffakham Jah College of Engineering and Technology**.
- Worked as **Assistant Professor** from October 2011 and as a **Head of the Department of Computer Science and Engineering** from August 2018 to April 2022 in **Bhaskar Engineering College, Moinabad**.
- Worked as **Assistant Professor** in CSE Dept., **Lords Institute of Engineering and Technology, Himayathsagar, Hyderabad** from December 2010 to September 2011.
- Worked as **Lecturer** in CSE Dept. in **AURORA'S Scientific, Technological and Research Academy, Bandlaguda, Hyderabad** from May 2008 to Nov. 2009.
- Worked as **Assistant Professor** in CSE Dept. in **VIF College Of Engineering And Technology, Gandipet, Hyderabad** from June 2007 to May 2008.

Educational Qualifications:

- **Ph.D(CSE)** from Jawaharlal Nehru Technological University, Hyderabad in the year **2024**.
- **M.Tech (CSE)** from G. Narayanamma Institute of Technology and Science, J.N.T.U. Hyderabad in the year **2011**.
- **B.Tech (CSE)** from Sant Samarth Engineering College, J.N.T.U. Hyderabad in the year **2005**.

- **Intermediate** from Pragathi Junior College for Women, Hyderabad in the year **2001**.
- **S.S.C.** from Board of Secondary Education, Hyderabad in the year **1999**.

Subjects Taught:

- Compiler Design
- OOPS through Java
- Formal Languages and Automata Theory
- Data Base Management Systems
- Data Mining
- Design and Analysis of Algorithms
- Machine Learning
- Python Programming
- Foundations of Data Science

NPTEL Courses:

1. Python for Data Science
2. Data Science for Engineers

Research Interest:

- Data Mining
- Machine Learning
- Deep Learning
- Quantum Computing
- Natural Language Processing

Professional Activities:

Performed all the duties assigned time to time by HOD and Management.

- Organized ATAL 6 Days Online FDP on “**Artificial Intelligence in Data Science Applications**” from 13th to 19th Dec 2024.
- Organized a Datathon **DATANIX'24** in the month of Nov, 2024.
- Organized Project Exhibit **EXPOGENIX'23** and **EXPOGENIX'24** at MJCET.
- Guided B.E/B.Tech Mini and Major Projects as well as M.Tech Projects.
- Event coordinator, Student Counsellor
- Incharge Time Tables, Monthly Reports, Annual Report, Newsletters, Result Analysis.
- JNTUH and AICTE works coordinator.
- Organized workshops and seminars for student and faculty members.
- Worked as NBA coordinator.

Workshops Attended:

- Attended one week National Level FDP on “**AI Tools**” organized by Department of Computer Science and Artificial Intelligence, MJCET in collaboration with BrainoVision Solutions Pvt Ltd from 17th to 21st Feb.
- Participated in one week International FDP on “**Generative AI: Innovation and Application for Social Impact**” organized by Dept. of CSE, MJCET during 6th -10th January 2025.
- Attended “**Harnessing AI for Healthcare Transformation-A Collaborative Indo-US Workshop 2024**” hosted by Department of Computer Science and Engineering, Indian Institute of Technology Hyderabad during December 16th to 18th 2024.
- Participated in one week FDP on “**Data Science using Python**” organized by Dept. of CSE in collaboration National Institute of Technical Teachers Training and Research, Chandigarh, Ministry of Education, GOI, from 25th to 29th Nov 2024.
- Participated in one week FDP on “**Prompt Engineering and Generative AI (GenAI)**” held from 4th to 8th June 2024 at the KLH Aziz Nagar-Hyderabad Campus.
- Attended the Ten Day Online Workshop on “**CYBER FORENSICS**” February, 2023 organized by Centre of Excellence in Cyber Security, JNTUH during 15th to 25th February 2023.
- Participated in MeitY, GOI, Sponsored two weeks FDP on “**Advanced Machine Learning –Applications and Challenges**” organized by Dept. of CSE, KITS, Markapur, in association with E&ICT Academy, NIT Warangal during 18th April to 30th April 2022.
- Participated one week FDP on “**Data Science Technologies and Next Generation Artificial Intelligence**” organized by Dept. of CSE, MJCET during Jan 2019.
- Participated one week FDP on “**Pedagogical Research, Technical Writing and Publication**” organized by JBIET, Hyderabad, from 1st -7th August 2019.
- Participated one week national workshop on “**Matlab and Its Applications**” organized by Dept. of Electronics and Communication Engineering in Association with IETE, JBIET, Moinabad during 1st May to 6th May 2017.
- Participated in MeitY, GOI, Sponsored FDP on “**Data Science and Big Data Analytics**” organized by the E&ICT Academy, NIT, Warangal, at the Dept. of CSE, GRIET, Hyderabad from 4h-6th and 11th-13th November, 2016.

International Journals/ Conference Publications/ Book Chapters:

1. **Ayesha Mariyam**, Sk. Althaf Hussain Basha, “An Approach to Big Data Analytics and Its Significance” in the Journal of “Online International Interdisciplinary Research Journal (OIIRJ)”, [Bi-Monthly], May 2017, Vol-7, Special Issue, ISSN: 2249-9598.
2. **Ayesha Mariyam**, SK Althaf Hussain Basha, S Vishwanadha Raju, “Applications of Multi-Label Classification”, in the journal of “International Journal of Innovative Technology and Exploring Engineering (IJITEE)”, March 2020, Volume-9, Issue-4S2, ISSN: 2278-3075,
3. **Ayesha Mariyam**, SK Althaf Hussain Basha, S Vishwanadha Raju, “A Brief Research on Deep Learning Models“, in the journal of “International Journal of Computer Engineering and Applications (IJCEA)”, Volume-XIII, Issue-VI, ISSN 2321-3469, November 2020.
4. **Ayesha Mariyam**, SK Althaf Hussain Basha, S Vishwanadha Raju, “A Literature Survey on Recurrent Attention Learning for Text Classification”, in the IOP Conference Series : Material Sciences and Engineering, volume-1042, 012030, Feb 2021.
5. **Ayesha Mariyam**, Sk. Althaf Hussain Basha, S. Viswanadha Raju, “Industry 4.0: augmented reality in smart manufacturing industry environment to facilitate faster and easier work procedures“, 141-161, DE GRUYTER, Cloud Analytics For Industry 4.0. Smart Computing Applications, Vol 6, Chapter9, 2022.
6. **Ayesha Mariyam**, SK Althaf Hussain Basha, S Vishwanadha Raju, “On Optimality of Long Document Classification using Deep Learning”, in the journal of International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC), Vol 10, Issue 12, ISSN: 2321-8169, Dec 2022.
7. **Ayesha Mariyam**, SK Althaf Hussain Basha, S Vishwanadha Raju, ”Coarser to Finer Level Document Classification through Recurrent Attention Mechanism using RL Agent”, in Grenze International Journal of Engineering and Technology, Jan Issue, 1610-1618. Jan 2023.
8. **Ayesha Mariyam**, SK Althaf Hussain Basha, S Vishwanadha Raju, ” Long Document Classification using Hierarchical Attention Networks” in International Journal Of Intelligent Systems And Applications In Engineering (IJISAE), 11(2s), 343–353, Jan 2023.
9. **Ayesha Mariyam**, SK Althaf Hussain Basha, S Vishwanadha Raju, “A Learning Based Optimized Hybrid Model For Efficient And Scalable Long Document Classification” in Journal of Theoretical and Applied Information Technology, ISSN: Vol.101. No 19, 1992-8645, 6045- 6055, Oct 2023.
10. **Ayesha Mariyam**, Sk. Althaf Hussain Basha, S. Viswanadha Raju, “CONVOLUTIONAL NEURAL NETWORK FOR SMART HEALTHCARE – A

SURVEY ON ENHANCING RESOURCES IN DEVELOPING COUNTRIES”, Futuristic Trends in Information Technology,e-ISBN: 978-93-6252-516-1.IIP Series, Volume 3, Book 2, Part 2, Chapter4, 2024.

11. **Ayesha Mariyam**, Sk. Althaf Hussain Basha, S. Viswanadha Raju, “HMBO-LDC: A Hybrid Model Employing Reinforcement Learning with Bayesian Optimization for Long Document Classification”, International Journal on Recent and Innovation Trends in Computing and Communication ISSN: 2321-8169 Volume: 11 Issue: 9, 5007-5016, May 2024.

12. Syed Rayan, Mohammed Abdul Wali Farooqui, **Ayesha Mariyam**, “Robust Autonomous Navigation With Lane Tracking”, IOSR Journal of Computer Engineering (IOSR-JCE), e-ISSN: 2278-0661,p-ISSN: 2278-8727, Volume 26, Issue 4, PP 32-42, August 2024.

Patents:

A Learning Based Intelligent System for Automatic Classification of Long Text Documents. (2023).

Awards:

Received an International **BEST RESEARCHER AWARD**, Researcher of the Year Award (ICRE 2024) from ASIA RESEARCH AWARDS (2024).

I hereby declare that the information furnished above is true to the best of my knowledge.

Date:

Place: Hyderabad

(Dr. Ayesha Mariyam)