

Curriculum Vitae



Name: Mrs. Asma B. Shahin

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Date of Birth: 14th November 1982

Academic Credentials

Degree	Specialization	Institution	University	Year	Rank
BE	Computer Science and Engineering	Sipna's College of Engineering and Technology	Sant Gadge Baba Amravati University	2005	First
ME	Computer Science and Engineering	Government College of Engineering, Aurangabad	Dr. Babasaheb Ambedkar Marathwada University	2013	Distinction

ME(CSE)

Title	Optimization of Rules using non - Traditional Methods
College	Government College of Engineering, Aurangabad

Ph. D (CSE)

Title	Prediction of Epilepsy using wearable devices and AI
Guide	Dr. Deepa S. Deshpande
University	MGM University
Completed on	Pursuing

Sr. No.	Organization	Post	From-To	No. of Years
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1	MGM's Jawaharlal Nehru Engineering College, Aurangabad	Assistant Professor	October 2006 - June 2024	17
2	MIT College of Engineering, Aurangabad	Assistant Professor	June 2024	Till date

List of Courses Taught/Teaching at UG level:

- Data Structure
- Operating System
- Computer Networks
- Computer Fundamental & Programming
- Database Management System
- Data Mining
- Unix System Programming
- Client Server Computing
- Data Engineering

List of Courses Taught/Teaching at PG level:

- Information Retrieval
- Advanced Operating Systems

Additional Assignments/Duties:

- Developed and delivered engaging course lectures. Compiled a comprehensive quality accreditation file for the course.
- Co-ordinated the class test for the department.
- Worked meticulously as a term work coordinator.
- Developed and implemented innovative teaching methods, including incorporating technology and interactive activities, resulting in increased student engagement and improved learning outcomes.
- Designed and taught undergraduate and graduate courses, effectively delivering complex concepts and theories to diverse student populations, fostering critical thinking and analytical skills.
- Mentored and advised undergraduate and graduate students, providing guidance on academic and career goals, facilitating internships and research opportunities, and fostering a supportive learning environment.
- Collaborated with faculty to develop and implement interactive learning activities, enhancing student engagement and participation.
- Evaluated and assessed exam papers to ensure accuracy and fairness in grading.
- Conducted viva voce in other colleges as an external examiner.
- Demonstrated exceptional organizational skills by effectively managing administrative documents for an accreditation program, National Board of Accreditation (NBA).
- Mentored students under the Teacher - Guardian schemes of college.

- Worked in various committees of the college for delivering a successful event.
- Headed various technical and cultural activities.
- Judged and conducted various competitions like debates, group discussions, etc.

Co-Ordinator, Student Training (2017 – 2019)

- Conducted needs assessments and training gap analyses, identifying areas for improvement and designing targeted training programs that addressed specific skill deficiencies.
- Developed and organized a comprehensive monthly training activity calendar.
- Effectively managed and delegated tasks among team members.
- Facilitated the induction process, closely monitored progress, and offered support to new team members.
- Provided team members with a reliable source of motivation to enhance their performance.
- Demonstrated meticulous attention to detail by preparing contracts for trainers and suppliers.
- Conducted comprehensive training needs analysis to identify skill gaps and determine training requirements for diverse workforce.
- Conducted thorough training needs analysis to identify skill gaps and ascertain training requirements for a diverse workforce.
- Empowered team members by providing a reliable source of motivation to elevate their performance levels.

Seminar/Workshop/Industrial Training/STTP//FDP/CEP/Conference Attended:

- Computational Science & Information Processing – 2006
- Dnyanjyot Marathon - MGM's Silver Jubilee Celebration - 2007
- One day workshop on " Nanotechnology& Micro Manufacturing for Bio-Applications" - 2007
- Faculty Development Program- MIT, Aurangabad - 2008
- Workshop on "Mobile Device Application Development in VB. Net" - 2008
- IT Security & Ethical Hacking - 2009
- National Workshop on Koha, D- Space and Joomla - 2015
- National Conference on Industry Institute Interaction, Pune - 2016
- Training the Trainer Program on "Foundation Skill in Information Technology" - 2016
- Big Data Analytics: Concepts, Techniques, Tools & Research Directions - 2017
- Faculty Development Program on IoT & Data Privacy on 24th Aug 2017, Pune
- Cloud Computing & Virtualization conducted by Geekslab Technologies Pvt. Ltd. - 2017
- Intelligent Systems & Information Management ICISIM- 2017

- Indian National Suggestion Schemes Association - 28th National Convention - 2018
- Machine Learning: The Journey of Transforming Technology held on 3rd - 7 July 2018
- “Blockchain Fundamentals” – 2nd July – 4th July 2019
- Virtual International Conference on "Smart Innovations in Design, Environment, Management, Planning and Computing - 2020
- Basic principles of Remote Sensing Technology, ISRO, Dehradun – 2020
- Participated in ISTE & IEI Approved National Level One Week Online FDP on “Advanced Teaching Tools, Techniques and Methodologies for Outcome Based Education” from 01-05 June 2020, AISSMS College of Engineering, Pune
- Attended the webinar on” Human Values and Professional Ethic (Part-II)” organized by JSPM’s Rajarshi Shahu College of Engineering- Department of Engineering Sciences on 9th June 2020.
- Coursera certificate “Programming for Everybody (Getting Started with Python),” June 2020
- A certification exam on “Fundamentals of Digital Marketing,” by Google Digital Unlocked on 21st May 2020
- Coursera project “Diabetes Prediction with Pyspark MLLIB,” October 2021
- AICTE Training And Learning (ATAL) Academy Online FDP on "Cloud Technology" from 16th to 20th Nov 2020
- Coursera certificate “Introduction to Python,” Nov 2021
- AICTE Training And Learning (ATAL) Academy Online FDP on "Internet of Things (IoT) - (Applications in Biomedical Instrumentation, Healthcare and Pharma)" from 12th – 16th Oct 2020 at WOMEN ENGINEERING COLLEGE AJMER.
- Coursera certificate “AI For Everyone,” April 2022
- 19th Feb 2023, Youth Conclave, JNEC
- “Data Science Expedition – Insight with Machine Learning and Deep Learning,” 1st – 5th July 2024, MIT, Aurangabad.

ORGANISING WORKSHOP/CONFERENCES

- Worked as a session chair for Virtual International Conference on “Smart Innovations in Design, Environment, Management, Planning and Computing”, ICSIDEMPC, 30-31 October 2020
- Worked as a Coordination committee member for Virtual International Conference on “Smart Innovations in Design, Environment, Management, Planning and Computing”, ICSIDEMPC, 30-31 October 2020
- Organized workshop on GenAI and LLM from 14th – 19th Oct 2024 at MIT.

- Organized workshop on CUDA & OpenCL from 17th – 23rd March 2025 at MIT.

Invited talks delivered

- Conducted expert talk on "How to succeed in Campus Interviews" at MSS's College of Engineering, Jalna.
- Conducted sessions for first year engineering students under the Induction program in JNEC.

List of Research Publications

- **Papers in International Journal/Conferences**
 - “Optimization of Rules using non - Traditional Methods,” at International Conference on Advanced Computer Sciences, Communication and Information Technologies, Pune 2012
 - "Performing Text Modelling and Sentiment Analysis using LDA and Deep Learning", Journal of Emerging technologies and Innovative Research, ISSN No. 2349-5162, June 2022
 - "Performing Text Modelling and Sentiment Analysis using LDA and Deep Learning", Journal of Emerging technologies and Innovative Research, ISSN No. 2349-5162, Nov 2022
 - “A Systematic Review of Machine Learning-Based Methods for Detecting Epileptic Episodes in Advance”, Journal of Harbin Engineering University (JHEU), ISSN: 1006-7043, June 2024, **Scopus Indexed**

Date: April 15, 2025

Place: Chhatrapati Sambhajanagar (Aurangabad)