

CURRICULUM VITAE

Ms. SHAIKH S. FATIMA
M.E. Civil (WRE)

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Career Objective: To be an asset to an organization that provides me the opportunity to learn continuously and implement my knowledge and skills to the fullest of my potential.

Education

Year	Degree	Institute/University/Board	Percentage	Grade
2013	M. E. Civil (WRE)	Government College of Engineering, Aurangabad	75.80%	I Div. With Distinction
2011	B.E (Civil)	Dr. B.A.M. University Aurangabad	68.60%	I Div. With Distinction
2006	Diploma (Civil)	MSBTE, Mumbai	70.89%	I Div. With Distinction
2002	SSC	Aurangabad Divisional Board	70.46%	I Division

Experience

• Experience: Assistant Professor

- Designation: Assistant Professor.
- Department: Civil Engineering Department
- Organization: PES College of Engineering Aurangabad
- Duration: July 2014 to Till Date
- Subjects Taught: Hydrology-WRE, Engineering Mechanics, Hydraulics, Fundamental of Civil Engineering, AutoCAD, Construction Techniques, Building construction materials
- Designation: Lecturer
- Department: Civil Engineering Department
- Organization: CSMSS Polytechnic Aurangabad
- Duration: July 2013 to May 2014
- Subjects Taught: Irrigation Engineering, Transportation, And Environmental Engg.

Technical Skills

- **Platform worked:** Microsoft Windows
- **software:** Auto CAD, GIS and REMOTE SENSING

Academic Projects

Research work on Performance Evaluation of Water User Association in Water distribution system

Extra Curricular Activities

Certification:

- An NPTEL course entitled "Remote Sensing and GIS for Rural Development", completed with 80% score, duration 12 weeks Jan-Apr 2025.
- A self-paced training course, "Matlab on Ramp", completed on 6 Aug 2024
- An NPTEL course entitled "Ground Water Hydrology and Management", completed with 56% score, duration 12 weeks Jan-Apr 2023.
- MSCIT
- AUTOCAD
- GIS and Remote sensing Training.

Participation:

- Completed FDP on Remote Sensing and GIS for Rural Development, 2025
- Attended One Week Online Faculty Development Program on, "IPR AWARENESS & RESEARCH METHODOLOGIES", Approved by ISTE, New Delhi, from 12th February to 16th February 2024.
- Completed FDP on Ground Water Hydrology and Management, 2023
- Participated in IEEE-GRSS Bombay Chapter's One day National Level Virtual Seminar on "Emerging Trends in Remote Sensing-ETRS 2022", 26th Nov 2022
- Attended online webinar on "Benchmarking of Irrigation Projects in Maharashtra State", by SYCET, Aurangabad dated on 12 April 2021.
- Attended online webinar on 'Urban Hydrology', organized by IWWA Center in association with MIT Aurangabad and DIEMS Aurangabad on July 8, 2020
- Attended webinar on "Biodiversity of Maharashtra", held by Government COE, Nagpur dated on 5th June 2020
- Attended two days refresher course on "Theories of Beam and Plates", held by G.H. Raisonni COE Pune, during 2nd & 3rd May 2020
- Attended one week FDP on "Communication and ICT", during 5th to 10th May 2020, sponsored by DBATU TEQIP-III
- Participated one day orientation workshop for the subject of Transportation Engineering held on 7 Jan 2014 at MSS College of Engineering Jalna.
- Attended one day orientation workshop for the subject of Theory of Structure held on 9 Jan 2014 at MSS College of Engineering Jalna.

Membership:

- IAENG Membership (184033)

Duties handled

- Worked as Co-convener for One day workshop on MEP (Mechanical Electrical Plumbing) in construction management- review and case studies
- Worked as coordinator for four days workshop on Emotional Intelligence (EQ)

- Worked as Organizer for The International Event on "Environmental Issues and Education System", organized by IRC cell
- Worked as Class Test Coordinator
- Worked as NDLI coordinator
- Working as Class teacher
- Worked as University External Oral Practical Examination Coordinator
- Worked as Result Analysis coordinator
- Worked as a Project guide for final year students.
- Worked as an academic coordinator.
- Worked as university examination paper co-setter
- Worked as Under study for University examination

Responsibilities:

- Class test coordinator
- External oral/Practical Coordinator
- Class teacher, NDLI coordinator
- Result Analysis coordinator.

Publication

Patents:

- A design patent registered on "Smart Irrigation Leakage Analyzer", Deign number: 506768-001
- A design patent registered on "Wearable Smart Band with Integrated Gesture Recognition Display", Deign number: 6458166
- A design patent registered on "CONSTRUCTION WASTE SORTING DEVICE", Deign number: 471050-001

Journals:

- Shaikh S. Fatima, et.al, "Increasing Irrigation Efficiency by Scheduling Using Cropwat Software", IJARCEE, Volume 14, Issue 1, January 2025, DOI: 10.17148/IJARCEE.2025.14110
- Shaikh S. Fatima, et.al., "Water Absorption Road", International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE), ISSN: 2319-5940 (Print), 2278-1021 (Online), Volume 12, Issue 8, Aug.2023 [IF: 8.102] DOI: 10.17148/IJARCEE.2023.12818.
- A paper titled, "An overview on Renewable Energy Sources and their Importance", presented in IEEE Sponsored 2nd International Conference on Innovations in Information, Embedded and Communication systems (ICIIECS) 2015, held at Coimbatore.
- A paper titled, "West Water Treatment: A scenario", published in Pre science→ congress-2014 conference proceeding on science and Technology for Human Development held on Dec-30, 31, 2014 at Dr. B.A.M.U Aurangabad
- A paper titled, "Performance Evaluation of Water User Association in Water→ Distribution System", published in Journal of Information knowledge and research in Civil Engineering, Vol.2, Issue 2, Nov 2012, ISSN:0975-6744

Strengths and Values

- Work Ethics
- Commitment
- Responsiveness

- Positive attitude and self-confidence.
- Ability to work efficiently as a team leader as well as team member.

Personal Information

Name	:	Shaikh S. Fatima
Father's Name	:	Mohd Saleemuddin
Languages Known	:	English, Hindi, Marathi and Urdu
Marital Status	:	Married
Gender	:	Female
Local Address	:	Kohinoor colony, near panchakki, Aurangabad

Place: Aurangabad (Maharashtra)

Date: 27/06/2026

SHAIKH S. FATIMA