



**Name** : Dr. SHAIK MASTAN VALI SHARIEF  
**Father's Name** : SHAIK BAJ  
**Date of Birth** : 21-06-1970

**Educational Qualifications :**

Degree	Discipline	University/Institute	Year
Ph.D	Water Resources & Environmental Engineering	Indian Institute of Technology, Bombay	2007
M.E	Irrigation Water Management	Anna University, Chennai	1997
B.Tech	Civil Engineering	Nagarjuna University, Andhra Pradesh	1994

**Ph.D Topic :** Groundwater Remediation Strategies using FEM-GA Simulation- Optimization models

Contact No & e-mail : 8374116768 [smvsharief@gmail.com](mailto:smvsharief@gmail.com)  
Professional Experience : 24 Years (Includes Graduate (B.Tech) and Post Graduate (M. Tech) teaching including administrative experience.

**Ph.D Guidance:** Guided a Ph.D candidate of IIT Roorkee worked on the Ph.D Topic "Investigation on Flow and Sediment Transport in Ganga River"

S.No	Designation/ Position	Period of Employment	Organization
01	Associate Professor of Civil Engineering	25-03-2015 to Till date	Maulana Azad National Urdu University (Central University) Hyderabad.
02	Joint Director , Directorate of Admissions	07-02-2019 to 30-01-2020	Maulana Azad National Urdu University (Central University) Hyderabad.
03	In charge, Engineering Section	27-08-2019 to 31-01-2020	Maulana Azad National Urdu University (Central University) Hyderabad.
04	Officer On Special Duty (OSD) for MANUU Polytechnic, Kadapa	01-02-2018 to 01-10-2018	Maulana Azad National Urdu University (MANUU) (Central University) Hyderabad.
05	Professor & Principal	16-05-2012 to 24-03-2015	Ramachandra College of Engineering, Eluru. Andhra Pradesh.
06	Professor & Principal	10-08-2011-15-05-2012	Narayana Engg. College, Nellore, Andhra Pradesh
07	Professor & Principal	11-12-2009 to 9-08-2011	Sri Balaji College of Engineering and Technology, Jaipur, Rajasthan.
08	Professor	01-01-2009 to 04-12-2009	VIT University, Vellore, Tamilnadu
09	Associate Professor	07-12-2007 to 31-12-2008	VIT University Vellore, Tamilnadu
10	Selection Grade Lecturer	01-07-2007 to 06-12-2007	VIT University Vellore, Tamilnadu
11	Senior Lecturer	01-04-2001 to 30-06-2007	VIT University Vellore, Tamilnadu
12	Lecturer	14-02-1997 to 31-03-2001	VIT University Vellore, Tamilnadu

**Achievements at VIT University, Vellore**

1. Conducted **National Conference** in the year 2002
2. Received **Best Teacher award** in every year from 1998 to 2000
3. **Actively involved in the preparation activities of NBA, Deemed University status, and ABET Accreditation.**
4. **Designed and developed fully Flexible credit system curriculum for B.Tech and M.Tech at VIT University**

**Administrative Experience at VIT University, Vellore, Tamilnadu**

1. Acted as **Director in-charge** for School of Mechanical and Building Sciences.
2. Acted as **Dean in-charge** for School of Mechanical and Building Sciences.
3. **Division Leader** for Water Resources and Transportation Engg. Division from **Dec-2007 to September 2009.**

4. **B.Tech Civil Engineering Programme Manager (HOD)** from **Dec-2007 to June 2008.**
5. **M.Tech Civil Engineering Programme Manager(HOD)** from **June 2008 to June 2009**
6. Time Table in charge, Examination Coordinator, etc.,

**Completed DST Projects:**

1. *A study on Mean flow characteristics due to jet impingement on curved surfaces*. Principal Investigator, Department of Science & Technology, India, 2008-2011, INR: 15.00 Lakhs. Status: Submitted in December 2009.

**Awards:** *Received Jalvigyan Puraskar award for the Year 2008 for the paper published in Vol.14, No.2 September 2008, Journal of hydraulic Engineering.*

**Research Area of Interest**

1. Groundwater flow and contaminant transport modeling using Galerkin's Finite element Method.
2. Groundwater pollution remediation design optimization by Evolutionary algorithms such as Genetic algorithms, Steady State Genetic Algorithms, Real coded Genetic Algorithms, Simulated Annealing.
3. Sediment transport in rivers.

**Research Publications:**

Research Papers: 38

**International Conferences: 17**

**National Conferences : 16**

**Referred Journals : 05**

1. **Sharief, S. M. V. and Zakwan, M. (2021)** "Comparative Analysis of Seepage Loss through Different Canal Linings". **International Journal of Hydrological science and Technology. Vol. 12, No. 4, 2021**
2. Zakwan, M., Ahmad, Z., and **Sharief, S. M. V. (2018)**. Magnitude-Frequency Analysis for Suspended Sediment Transport in the Ganga River. **Journal of Hydrologic Engineering, 23(7), 05018013, ASCE.**
3. **S.M.V.Sharief, T.I.Eldho and A.K.Rastogi, VVS Gurunatha Rao (2011)**, "Optimal Groundwater Remediation by Pump and Treat Using FEM- and EGA-Based Simulation-Optimization Model". **Journal of Hazardous, Toxic, and Radioactive Waste Management, Vol. 15, No. 2, April 2012, pp. 106-117, ASCE.**
4. **S.M.V.Sharief, T.I.Eldho and A.K.Rastogi (2011)**, "Elitist Genetic Algorithm for Design of Aquifer Reclamation Using a Multiple well System" **International Journal of Engineering Research and Applications Vol. 2, Issue 5, September- October 2012, pp.924- 935.**
5. **S.M.V.Sharief, T.I.Eldho and A.K.Rastogi (2008)**, "Optimal Pumping Policy for Aquifer Decontamination by Pump and Treat Method using Genetic Algorithm". **Journal of Indian Society of Hydraulics. Vol 14 (2), 1-17. (Received Jalvigyan Puraskar award)**