

SAVI SHENDE

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Seeking senior level assignments in Teaching Assignments / EHS Management with an organization of high repute

Preferably in Nagpur / Pune / Mumbai

PROFESSIONAL SNAPSHOT

- ➔ A result oriented professional with over **8 years** of rich & extensive experience in Teaching (Environmental Science), Educational Assessment, Classroom Presentation and Student Relations, **3 years** of industrial experience in Laboratory management and **3 years** of Research experience as JRF.
- ➔ Actively involved in supervising and managing operational planning and development, and directing the day-to-day academic and associated operations of the school or institute.
- ➔ Proven skills in managing teams to work in sync with the corporate objectives & motivating them for achieving business and individual goals.

PROFICIENCY MATRIX

Teaching & Student Management

- ➔ Designing, developing & customizing training programmes/teaching curriculum for the student.
- ➔ Accountable for fostering a healthy learning atmosphere in class and responding to all classroom queries in a spontaneous manner; facilitating/coaching and training by using interactive discussions.

KNOWLEDGE PURVIEW

- ➔ Organizing and developing, or obtaining, training procedure manuals and guides and course materials such as handouts and visual materials.
- ➔ Introducing safety management systems both within the organization as well as at contract manufacturing sites; enabling them to comply with EHS requirements.
- ➔ Conducting accident / incident investigation, reporting and facilitation of root cause analysis to prevent recurrence and to maintain zero accident / incident goal.
- ➔ Determining the nature of hazards & instructed action plans in event of any emergency or fire/ gas detection and also suggested necessary measures for the better conditions of the work environment.

OCCUPATIONAL CONTOUR

Feb' 21- Till Date: Vigyan Prasar, New Delhi
Senior Research Scholar

Significant Highlights

- Analysis of the project entitled 'Study of Women Technology Parks in the country for integrated development of rural women' as per the work plan catalyzed by DST-SEED to achieve the objectives.
- Blueprint of yearly report, papers, SOP, SWOT, Compendium of Technology and Compilation of best practices and Success stories of WTPs.
- Developed website for WTP.

June' 17- August' 20: Sevadal Mahila Mahavidyalaya, Nagpur
Research Scholar

Significant Highlights

- Followed the working plan of the research project entitled 'Removal of Total Dissolved Solids from Water and Waste Water through Biological System' sanctioned by DST-SERB to reach the objectives.
- Composed yearly and final report, papers, posters & financial statements.

- Successfully submitted the final outcome to DST-SERB.

**July' 15 – June' 17: Sevadal Mahila Mahavidyalaya, Nagpur
Ad-hoc Lecturer**

Significant Highlights

- Engaged lecturers with practical's of Post Graduate students.
- Directed students for projects and seminars.
- Efficiently & effectively used OHP and PPT's as teaching aids.
- Arranged guest lecture, organizing site visit, group discussion on burning topics of environment for student.

**June' 12 - Feb' 15: Vasu Chemicals, Mumbai
Laboratory In-charge**

Significant Highlights

- Conducted analysis of water and wastewater parameters.
- Performed Quality Analysis of raw & finish materials.
- Conducted analysis of Deposit samples.
- Maintained records and documentation of laboratory and factory as internal auditor of ISO-9001:2008

**Jul' 07 - May' 12: Manohar Bhai Patel Institute of Engineering & Technology, Gondia
Ad-hoc Lecturer**

Significant Highlights

- Engaged environmental science class of B.E II yr and Environmental Chemistry and Microbiology to M. Tech I yr.
- Efficiently & effectively used OHP as well as PPT's for better learning.

**Aug' 02 - Apr' 03: Radiant Public School, Raipur
Teacher**

ACADEMIC CREDENTIALS

2019	Perusing Ph. D. in Environmental Science from Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur
2003	Diploma in Environmental Management System & ISO 14000 & 14001 from All India Institute on Management Studies, Chennai / Scored 70%
2002	M.Sc. from Institute of Science, Nagpur, Nagpur University / Scored 71.2%
2000	B.Sc. from Sevadal Mahila Mahavidyalaya, Nagpur, Nagpur University / Scored 62.22%
1997	Class 12 from Santineketan Jr. College, Nagpur, Maharashtra Board
1995	Class 10 from Sanjuba High School, Nagpur, Maharashtra Board

ACCOLADES

- Qualified UGC - NET in Environmental Science in 2003.
- Winner of EPS award during M.Sc. in 2002.

THESIS

- M. Sc. Project entitled "Biofertilizer as an Ecofriendly Sustainable input for agriculture" Under guidance of Dr. J.L. Tarar, former HOD, Department of Environmental Science, Institute of Science, Nagpur.
- Ph. D. thesis entitled "Study of Phyco-remediation of biological material for sequestering solids and nutrients from wastewater" under guidance of Dr. P U. Meshram, HOD, Department of Environmental Science, Sevadal Mahila Mahavidyalaya, Nagpur.

CONFERENCES ATTENDED

1. National Conference (NCRTB-2009) at Institute of Science, Nagpur on January 2009.

2. One day workshop attended “Cyber Crimes and Safety” at M.I.E.T, Gondia on January 2010.
3. One day training Programme on Fire Extinguishing & Disaster Management at M.I.E.T, Gondia on April 2010.
4. One day training Programme on Calibration at Electronics Regional Test Laboratory, Mumbai on October 2012.
5. Two days training on QMS Internal Auditor Course conducted by Bureau Veritas, Mumbai on November 2012.

PRESENTATIONS

Sr. No.	Title of Paper	Conference	Organized by
1	Analysis of Rainfall Data for Drought Investigation at Brahmapuri	National Conference	M.I.T, Pune on March-2008
2	Prediction of Earthquakes: A Review	National Conference	MPC CET, Bhilai on February 2010
3	Earthquakes Early Warning System: Performance and Prospects	National Conference	L.N.C.T, Bhopal on March 2010
4	Earthquake Prediction & Early Warning Systems: A Classical & Contemporary Review	International Conference	GIT, Kurukshetra on October 2010
5	Technical Education In India: A Changing Scenario	World Conference-AIHER	LPU, Phagwara on November 2010
6	Recent Advances in Earthquake Prediction: A Review & Recapitulation	National Conference-NECTASE	Saraswati College of Engineering & Technology, Kharghar on February 2011
7	Japan Earthquake 2011: A Major Setback in Earthquake Prediction?	National Conference, NCRTET-2011	BVM Engineering College, Vallabh Vidhyanagar, Gujarat, May 2011
8	The Time-predictable Model of Earthquake Prediction: a Standard Tool for Hazard Prediction?	National Conference on Emerging Trends in Engineering Applications	Al-Habeeb College of Engineering and Technology, Hyderabad, A.P., on May 2011
9	Removal of TDS from Water & Wastewater using Biological Material through the Process of bioremediation (Poster presentation)	International Conference on Multifunctional advanced materials-2018	Kamla Nehru College, Nagpur, 5-7 Oct., 2018.
10	Assessment of Nitrate & Phosphate in water quality of Nag River located at Eastern part of Nagpur city	National Aqua Conference on Water Conservation: Role of Educators, ISBN 978-93-80985-20-6	Lady Amritbai Daga College for Women of Arts, Commerce & Science, Nagpur, Dec. 18, 2018
11	A Study of Occupational Health Effects on Flour Mill Workers in Eastern Region of Nagpur City (Poster presentation)	International Conference on Energy & Environmental Challenges (CE2C-2019)	VNIT, Nagpur, Jan. 18-19, 2019.
12	Phyco-remediation an Effective Technology for TDS Removal from Water & Wastewater, pp. 173-179	Research Directions, ISSN no. 2321-5488, UGC Journal no-45489, UGC Sr. no. 1208	Feb.-2019
13	Removal of TDS from water and waste water through phyco-remediation using biological material	International Conference on Science, Engineering & Technology, ICSET-2019	Society for Technologically Advanced Materials of India (STAMI) at Tashkent, Uzbekistan May 30- June 01, 2019

14	Removal of TDS from water and waste water through phyco-remediation using biological material	11 National Conference on Solid state chemistry and allied areas	Seth Kesarimal Porwal College of Arts, Science & Commerce, Kamptee in association with Indian association of solids state chemistry and allied scientists (ISCAS), Jammu at Nagpur 20 & 21 December 2019
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PAPER PUBLISHED

Sr. No.	Title of Paper	Name of Journal	Organized by	Impact Factor
1	Phyco-remediation an Effective Technology for TDS Removal from Water & Wastewater, pp. 173-179	Research Directions, ISSN no. 2321-5488, UGC Journal no-45489, UGC Sr. no. 1208	Feb.-2019	5.7
2	Study of phyco-remediation technique for removal of total dissolved solids	International Journal of creative research thoughts, ISSN: 2320-2882	Volume 8, Issue 7, DOP: 11-07-2020	7.97
3	Assessment of removal of TDS from synthetic water through the process of phyco-remediation	International Journal of creative research thoughts, ISSN: 2320-2882	Volume 8, Issue 7, DOP: 13-07-2020	7.97
4	Application of phyco-remediation technique in the treatment of textile effluent to reduce pollution load	International Journal of research and analytical reviews, ISSN: 2348-1269	UGC approved Journal no.: 43602, Volume 7, Issue 3, DOP: 23-07-2020	5.73

INDUSTRIAL EXPOSURE

Feb' 04 - Jul' 04: Mahabal Enviro Pvt. Ltd., Nagpur.

Significant Highlights:

- ➔ Analysis of water and wastewater parameters.
- ➔ Maintained Water analysis laboratory.

BEYOND CURRICULUM

- ➔ Represented college as CR in Nagpur University in an efficient manner.

TECHNICAL KNOW-HOW

- ➔ Well versed with MS office & Internet Applications

PERSONAL SNIPPETS

Date of Birth: 12 February, 1980
 Residential Address: 610, Vidarbha Theater Complex, Tiranga Sq., Nagpur-440009
 Linguistic Skills: English, Hindi and Marathi