

Dr. VAIBHAV RAJIV SAPKAL

B.E. (Civil Engineering), M.Tech. (Civil Engineering), Ph.D. (Civil Engineering, IIT Roorkee)

ASSISTANT PROFESSOR

SCHOOL OF CIVIL ENGINEERING, SHRI MATA VAISHNO DEVI

UNIVERSITY(SMVDU), KATRA, (J&K)

Email – vaibhav.sapkal@smvdu.ac.in



1. Objective- To Excel in Teaching Training and Research

2. Academic and Professional Qualification

Examination	Board / University	Branch	Yr. of Passing
B.E.	Government College of Engineering Amravati (Affiliated to S.G.B. Amravati University)	Civil Engineering	2008
M.Tech.	S.V.National Institute of Technology Surat (Gujarat)	Civil Engineering (Environmental Engineering)	2011
Ph.D	Indian Institute of Technology Roorkee, India	Civil Engineering	2018

3. Present Position

Working as an Assistant Professor, School Of Civil Engineering, Shri Mata Vaishno Devi University (SMVDU) (Approved Under 12(b) & 2(f) of UGC Act 1956), Katra, (J&K) from 11 September 2018 to till date.

4. Under Graduate Project

Title: Design & Analysis of Multistory Building Using Software STADD-PRO

5. Post Graduate Project

Title:Evaluation Of Membrane Separation Technique & Anaerobic Treatment Using MSW Landfill Leachate

6. Post Graduate Group Project

Title: Quality Assessment of 150 MLD Katargam Water Treatment Plant Surat

7. Ph. D. Thesis Title :- Treatment of Municipal Solid Waste Leachate

(Ph.D. research work jointly carried out at Department of Civil Engineering, Indian Institute of Technology (IIT) Roorkee, India and National Environmental Engineering Research Institute (*NEERI*) Nagpur, India)

8. Sultanate of Oman Experience: - As a Analyst – Wastewater Treatment from 21-10-2011 to 01-11-2011 for Project entitled ‘ Harnessing Clean and Green Energy via Integrated Treatment of Industrial and Domestic Waste Water’ funded by Research Council , Oman at Sohar University, Sohar, Oman

9. Publications (Journal and Conferences)

Year	Title of paper	Title of conference	Place &Affiliation
2011	Water Treatment of Surat City	National Conference On Advances In Environmental Engg.	Pravara Rural Engg. College LoniUniversity of Pune
2011	Optimization of Hybrid Anaerobic and Membrane Treatment of MSW Landfill Leachate	International Conference On Environment And Industrial Innovation (ICEII 2011)	KualaLumpur MALAYSIACBESS
2012	Development Of Reverse Osmosis Technique For Treatment Of Highly	ACHEMA 2012	Frankfurt Main, German DECHEMA

Contaminated Municipal Solid
Waste Landfill Leachate

2012	Development of hybrid technique for treatment of landfill leachate by combining anaerobic and membrane techniques	ACHEMA 2012	Frankfurt Main, German DECHEMA
2015	Development of Hybrid Anaerobic Digestion and Membrane Separation Technique for Treatment of Municipal Solid Waste Landfill Leachate	The 5th International Conference on Solid Waste Management	Indian Institute of Science, Bangalore, India
2019	Biogas Production Potential Of Municipal Solid Waste Landfill Leachate – A Lab Scale Study	CHEMIX' 19 (A National Conference on Intra- and Inter Disciplinary Blend of Chemical Engineering)	Visvesvaraya National Institute of Technology, Nagpur
2019	Membrane Based Integrated Solution For Flower Waste From Worship Places Along With Environmental Protection	CHEMIX' 19 (A National Conference on Intra- and Inter Disciplinary Blend of Chemical Engineering)	Visvesvaraya National Institute of Technology, Nagpur

10. Conferences, workshop, seminar attended

- Attended Indo-German Workshop on Management Of Water Supply And Wastewater System In Indian Institute of Technology, Mumbai India. 2009
- Attended Indo-German Conference on Cities In The Era Of Climate Change In IIT Bombay During 17-18 Jan 2011
- Participated in Envirovision 2010 Dated 25-27 Nov at IIT Bombay, Mumbai

- Participated in international conference on Sustainable Water Resource Management and Treatment Technologies Held at NEERI Nagpur during 19-21 Jan 2011
- Participated in Young Water Professional Programme Held At NEERI On Jan 22, 2011.
- Participated in international workshop on Advances in Disinfection Technologies NEERI Nagpur on 9thFebruary 2011
- Participated in seminar on Water Resources Development and Management in S.V. National Institute of Technology Surat on 28thMarch 2011

11. Workshop organized

One Day National Workshop on 'Disaster Management' jointly organized by Jawaharlal Nehru Technological University (JNTUH), Hyderabad and Shri Mata Vaishno Devi University (SMVDU), Katra, J&K on 26 September 2018 at Department of Civil Engineering, JNTUH Hyderabad

12. Book Published

Title of Book - Management of Solid Waste for Protection of Environment: A New Approach

(ISBN 978-3-659-58577-7)

Publisher - Lambert

13. Membership

1. Member of Indian Association For Environmental Management, NEERI Nagpur
2. Associate Member of The Institution of Engineers (India)

14. Personal Details

Date of Birth – 21-04-1986

Sex – Male

Material Status –Married

15. References

- 1 Dr. A.N. Vaidya** Chief Scientist and Head
Solid and Hazardous Waste Management Division
National Environmental Engineering Research Institute
(NEERI) Nagpur
M – 9860201457
Email - atulvaidya1264@gmail.com
- 2 Dr. Pradeep Kumar** Professor
Department of Civil Engineering
Indian Institute of Technology (IIT) Roorkee, India
M – 8126280901
Email- pkumafce@iitr.ernet.in
- 3 Dr. Munish Chandel** Associate Professor
Center for Environmental Science and Engineering
Indian Institute of Technology (IIT), Bombay. Mumbai,
India
M – 9930587856
Email - munish.chandel@gmail.com

Place – Amravati

(Dr. VAIBHAV RAJIV SAPKAL)

Date -