

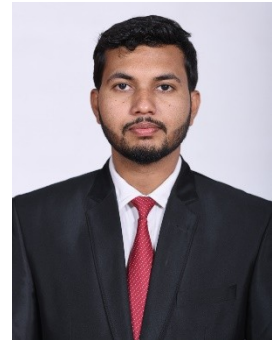
Name of Faculty: Ritesh Ramesh Tandekar (MThech.)

Designation: Assistant Professor

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Flat No 303, House No 449,
Sector 20, Nerul, Navi Mumbai



Professional Qualification:

- **MThech. of Civil (Environment Engineering), 2020**
Rashtrasant Tukdoji Maharaj Nagpur University (RTMNU), Maharashtra
- **Bachelor of Civil Engineering, 2018**
Rashtrasant Tukdoji Maharaj Nagpur University (RTMNU), Maharashtra.
- **Diploma in Civil Engineering, 2015**
Maharashtra State Board of Technical Education (MSBTE), Maharashtra.

Short Bio data:

I am Ritesh R. Tandekar, working as a Assistant Professor in Terna Engineering College Nerul. I am from Nagpur. I am completed my Master in Environment Eengineering from RMNU in June 2021.

Major Subjects:

- Environment Engineering
- Solid and hazards Waste Engineering
- Surveying
- Air and Noise Pollution
- Industrial Waste Management

List of Publication:

A. Journal Publications:

1. Ritesh Tandekar, Kartik Siddhimal, Yogesh Madhavi, Shweta Chavan, Krutika Sawant (2023) A Review on Selection of Plant for Floating Treatment Wetland, IJRAR, ISSN: 2349-5138, Volume: 9 Issue: 3
2. Ritesh Tandekar, Aakanksha Lakham, Harshangi Rao, Pranav Bhoite, Viral Boricha A Review on Solid Waste Management for Rural Areas, IJRAR, ISSN: 2349-5138, Volume: 9 Issue: 3
3. Ritesh Tandekar, Divyank Patil, Rushikesh Ingale, Nitesh Tejam, Shraddha Sonawane A Review on Textile Wastewater Treatment IJRAR, ISSN 2349-5138, Volume: 9 Issue: 4
4. Published paper on, Effect of New Era Coagulant on Distillery Waste Water: A Review IJSPSUB, ISSN: 2250-1770, Volume 12, Issue 4.
5. Ritesh Tandekar, Aditya Shahasane, Shivani Pomendkar, Vaibhav Gholap, Ankit Singh, Grey Water Treatment by Using Decentralized Wastewater Treatment System (DEWATS) Method, IJRAR, ISSN: 2349-5138, Volume: 9 Issue: 4
6. Ritesh Tandekar, Pradeep Sonwane Flood Risk Assessment of Narsobachiwadi Using QGIS, IJRAR, ISSN: 2349-5138, Volume: 9 Issue: 3
7. Ritesh Tandekar, Keshar Lawane, Sakshi Jadhav, Kajal Gaikar Anurup Killedar Review Paper on Membrane bioreactor for wastewater treatment IJRAR, ISSN: 2349-5138, Volume: 9 Issue: 4

8. Ritesh tandekar, P Kochrekar, R Jadhav³, S Ubale⁴ and M Janbandhu Treatment of Gray water by Using Constructed Wetland, IRJET, ISSN: 2395-0056, Volume: 9 Issue: 7
9. Ritesh Tandekar, Keshar Lawane, Sakshi Jadhav, Kajal Gaikar, Shivani Pomendkar Purification of Tec Pond Water Using Economical Filter, IJRAR, ISSN: 2348-1269, Volume: 9 Issue: 3
10. Ritesh Tandekar, Jayant Sanjay Ghade, Chirag Suresh Bavdane, Gaurav Suresh Chavhan, Anjali Ajay Sonawane Feasibility Study of Use of Domestic Grey Water for Hydroponic Farming, IJRAR, ISSN: 2348-1269, Volume: 9 Issue: 3
11. Ritesh Tandekar, Research Paper on Grey Water Treatment by Using Coconut Shell, IRJET, ISSN: 2395-0056.
12. Dr. Arif Khan, Ritesh Tandekar, Comparing the Effect of Single New ERA Coagulant with Combine Coagulant, IJECS, and ISSN 2581-6667.
13. Dr. Arif Khan, Ritesh Tandekar, Effect of New ERA coagulant on Paper Mill Waste Water, IJERT, ISSN 2278-1081.
14. Ritesh Tandekar, Review Paper on Soil Liquefaction and Earthquake, IJERT, ISSN 2395-0056.
15. Ritesh Tandekar, Purify the Domestic Wastewater By Replacing the Charcoal with Activated Lignite Coal In Carbon Filtration. IJRAR, ISSN 2348-1269.
16. Atika Ingole, Ritesh Tandekar, Comparison of flexural strength between steel reinforced and bamboo reinforced concrete beam, IJTIR, 2349-5162 Certificates

Research and Scholarly Contributions:

- **M. E. Research:**

The Title: Effect of New Era Coagulant on Paper Mill Waste Water

The work: In this experimental work I have used some New Era Coagulant for treating the Paper Mill Waste Water. I have find out we are initially find out optimum dose by using jar ted and the used coagulant separately first then combine it.

- **Bachelor of Engineering:**

The Title: Comparing between Steel R/F & Bamboo R/F.

The work: In this experimental work we are initially cast the Steel beam and then cast the beam in which R/F replaced by the Bamboo, and then calculate the strength after 7 days, 14 days and 28 days curing.

Software Tools:

1. Windows, M S Office, MS Excel,
2. AutoCAD.(2D & 3D), RIVIT
3. STADD

Experience:

Assistant Professor, Terna Engg. Collage, Nerul, Navi Mumbai, Maharashtra	Jan-2022- Till Now
Assistant Professor, P JLCE, Nagpur • Maharashtra	Dec 2020- Nov 2021
Lecturer, JD Polytechnic, Nagpur • Maharashtra	June 2018 - July 2020

Responsibilities Handled:

- Work for NAAC Criteria-3 department coordinator in Terna Engineering College, Nerul
- Worked as a Faculty coordinator for Student Chapter (IEI, IC-ACI & CESA).
- Worked as a department TPO.
- Worked as a Civil TE Class Advisor.

Declaration

I hereby declare that the foregoing information are correct and complete to the best of my knowledge.

Faculty Name: Mr. Ritesh R. Tandekar

Place: New Mumbai