**Faculty Profile Template**

1. **Basic Information**

* **Name**: Anurag Wahane
* **Designation**: Assistant Professor
* **Department/School**: Civil
* **Institution Name**: Shri Shankaracharya Institute of Professional Management and Technology (SSIPMT), Raipur
* **Email ID**: [anurag.wahane@ssipmt.com](mailto:anurag.wahane@ssipmt.com)
* **Contact Number**: 8889137250
* **Photograph**: *(Passport-size, professional)*

1. **Educational Qualifications**

|  |  |  |  |
| --- | --- | --- | --- |
| **Degree** | **Specialization** | **Institution** | **Year of Completion** |
| UG | B.E. (Civil Engineering) | RCET, Bhilai | 2014 |
| PG | M.Tech in Structural Engineering | MMCT, Raipur | 2019 |
| Ph.D. | Civil Engineering | UTD, CSVTU, Bhilai | Pursuing 2020 Batch |

1. **Teaching & Research Experience**

* **Total Teaching Experience**: 9 years
* **Industry Experience**:
* **Research Experience**: Involved in ongoing research as part of Ph.D. since 2020

1. **Courses Taught**

* List of key UG/PG courses taught

1. **Research Interests / Specialization**

* Key thematic areas or domains of expertise

1. **Publications (Last 5 Years)**

* **Journals (APA/IEEE format)**

1. Wahane, A., Ghosh, P.K. & Mishra, S.R.K. Seismic response prediction of irregular buildings using machine learning: a comparative analysis of parametric and non-parametric models. *Asian J Civ Eng* **26**, 3627–3655 (2025). <https://doi.org/10.1007/s42107-025-01388-7>.
2. Dubey, S., Ghosh, P. K., Verma, B., Wahane, A., & Khandel, R. K. (2022). Buckling Analysis of Perforated Hot Rolled Steel Sections. *Mathematical Statistician and Engineering Applications*, *71*(4), 9617-9629.
3. Sahu, R., Ghosh, P. K., Wahane, A., Mishra, S. R. K., & Shrivastava, S. (2022). Seismic Behavior of Torsional & Mass Irregularity Due to Consideration of Tuned Mass Damper at Different Position of Building. *Mathematical Statistician and Engineering Applications*, *71*(4), 9552-9559.

* **Conference Proceedings**

1. Wahane, A., Das, R., Sahu, M., Tandon, A., Ghosh, P. K., & Mishra, S. R. K. (2024). The study of properties of the modified panel made of waste newspaper. *Materials Today: Proceedings*.
2. Wahane, A., Telasi, B., Dewangan, C., Sahu, I. K., Bharadwaj, S. K., Ghosh, P. K., & Mishra, S. R. K. (2023, July). Mechanical and Physical Characteristics of Concrete Modified with Partial Substitution of Bamboo Leaf and Rice Husk Ash. In *International Conference on Recent Advances in Mechanical Engineering Research and Development* (pp. 357-368). Singapore: Springer Nature Singapore.
3. Wahane, A., Kumar, A., Dewangan, M., Pandey, M. K., Agrawal, G. K., & Goyal, P. K. (2023, July). Evaluation of the Mechanical and Physical Properties of the Modified Paver Block by Using Waste Plastic Products. In *International Conference on Recent Advances in Mechanical Engineering Research and Development* (pp. 125-137). Singapore: Springer Nature Singapore.
4. Wahane, A., Ghosh, P. K., & Mishra, S. R. K. (2023, July). A Review on the Variabilities of Torsional Irregularity Observed in Structural Response Causing by Change in Geometry Shape. In *International Conference on Recent Advances in Mechanical Engineering Research and Development* (pp. 331-346). Singapore: Springer Nature Singapore.
5. Wahane, A., Sahu, A., Verma, A., & Dewangan, T. (2023). Evaluation of the physical and mechanical properties of composite board by utilizing agricultural waste. *Materials Today: Proceedings*, *84*, 16-23.
6. Kashyap, B. K., Mishra, H., Tiwary, S., Bisen, A., Verma, M., Wahane, A., & Jain, A. K. (2022). Synchronization of Optimized Traffic Signals Designed by Webster Method Along Six Intersections of Raipur City from Sharda Chowk to Telibandha Chowk. In *Sustainable Technology and Advanced Computing in Electrical Engineering: Proceedings of ICSTACE 2021* (pp. 223-234). Singapore: Springer Nature Singapore.
7. Wahane, A., Dwivedi, S., & Bajaj, D. (2023). Effect in mechanical and physical properties of bricks due to addition of waste polyethylene terephthalate. *Materials Today: Proceedings*, *74*, 916-922.

* **Book Chapters / Books Authored**

**NIL**

1. **Research Guidance**

|  |  |  |
| --- | --- | --- |
| **Level** | **Awarded** | **Ongoing** |
| Ph.D. | 0 | 0 |
| PG | 4 | 7 |

1. **Awards & Recognitions**

* SIH 2022 Mentor Awardee
* TEQIP-III -Teaching Assistant from October 2020 to March 2021

1. **Administrative Roles**

* NIL

1. **Professional Memberships**

* Journal Reviewer at HBRC Journal

1. **Web Presence**

* Google Scholar - <https://scholar.google.com/citations?user=EKzXTBMAAAAJ&hl=en>
* ResearchGate - <https://www.researchgate.net/profile/Anurag-Wahane>
* ORCID- <https://orcid.org/0000-0002-8447-219X>