



DR. RIJUTA BAPAT

DESIGNATION: VICE PRINCIPAL, ASSOCIATE PROFESSOR, DEPARTMENT OF INTERIOR DESIGN.

ACADEMIC QUALIFICATION: B. E. (CIVIL) M. TECH. (STRUCTURES), PH. D. (CIVIL)

WORK EXPERIENCE: 36 YEARS

Research Contribution

- **Rijuta S. Bapat**, Vasant A. Mhaisalkar, Rahul V. Ralegaonkar, 2018, 'Techno-Economic Analysis of Sustainable Energy Management Techniques – A Case Study', International Journal of Engineering Trends and Technology (IJETT) – Volume 65 Number 3, **UGC approved. Impact factor 2.88**
- **Rijuta S. Bapat**, Vasant A. Mhaisalkar, Rahul V. Ralegaonkar, 2018, 'Development of Sustainable Renewable Resource Management Tool for Residential Townships', International Research Journal of Engineering and Technology (IRJET) – Volume 5, Issue 4, **UGC approved. e-ISSN: 2395-0056, Impact factor 6.17**
- **R. Bapat**, R. Ralegaonkar, V. Mhaisalkar, 2016, Techno- Economic Analysis of Sustainable Water Management Techniques – A Case Study of Residential Township in India, International J. Environment & Sustainable Development, vol. 15 (2) 201. ISSN online 1478-7466, **Impact factor 0.08, Scopus indexed, UGC approved.**
- R. Bapat, V. Mhaisalkar, R. Ralegaonkar, 2015, Design optimization of hybrid energy systems: a case study, Proceedings of Institution of Civil Engineers – Energy, vol. 168 (4), 229-236, **(SCI Journal) Impact factor 1.107**
- Bapat, RS. Mhaisalkar, VA. Ralegaonkar, RV. (2012) Performance evaluation of sustainable technologies in educational building. Energy and Fuel Users', LXII (1). p. 1-4. **National Journal, (Peer reviewed).**
- Murmu, S. **Bapat, RS.** Mhaisalkar, VA. Ralegaonkar, RV. (2013) Application of HOMER software tool for optimisation of renewable energy system. *Energy and Fuel Users' Journal* LXIII (1). p. 21-25. **National Journal, (Peer reviewed).**

- **R. Bapat**, V. Mhaisalkar, R. Ralegaonkar, 'Application of Energy Efficient Techniques for Mega Projects', 2011, **Proceedings of National Conference** on "Modern Construction Management Practice Challenges Faced by Mega Projects".
- **R. Bapat**, V. Mhaisalkar, R. Ralegaonkar, (2014), 'Economic Feasibility Study of Solar Water Heater in Residential Apartment Building' Conference **Proceedings of All India Seminar** on 'Innovation in Green Building Technology'.
- Rijuta S.Bapat, 2020, 'Integration of Sustainable Technologies in Residential Buildings of India: A Review' International Research Journal of Engineering and Technology (IRJET) – Volume 5, Issue 4, **UGC approved**. e-ISSN: 2395-0056, **Impact factor 6.17**

Contribution to R.T.M. Nagpur University

- Member Board of Studies of Interior Design
- Designed syllabus of Structures, Green Building Technology and Engineering Mechanics.
- Paper setter. Moderator, Evaluator of
- Structure I,II,III,IV,V,VI
 - Green Building Tech.
 - Engineering Mechanics.
- Restructuring of Syllabus as per NEP 2020.

College Level Responsibilities

- Vice Principal of LAD & Smt. R. P. College for Women, Seminary Hills.
- Member of College Development Committee (2017 -2022).
- Member of Indian Institute of Engineers.
- Member of Task Force of Board of House & Interior Design.
- Convenor of 'Aura Fest' 2017.
- Jury member for structural Engg. in MMCA, Nagpur, 2001.
- Resource person for add on courses of Interior Design.
- Jury of M.Tech. (Construction Management) at V.N.I.T., Nagpur (2016).
- Member of Design Hub in Dept. of Interior Design, LAD College.
- Worked on projects of renovation of D. J. Deshmukh Hall (2010, 2022).
- Convenor of Skill Education workshops for more than 20 years at Interior Design Dept., LAD College.
- Convenor of Exhibitions "KRUTI" in Interior Design Dept. for more than 20 years.
- Students' activity in- charge for more than 15 years.
- Convenor of fund raising committee for 'Green Earth, Clean Earth' 2024 conference.

Recognition

- Possess one Indian copyright for computer software.
- Reviewed many papers in 2019 for ICE publishing, received 3 month's free access to ICE Journal.