

SURAJ R. KARANJIKAR

1. Personal Information

- **Name:** Prof. Suraj Radheshyam Karanjikar
- **Position:** Visiting Faculty
- **Department:** Mechanical Engineering Department
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 - Email: srkaranjikar@sggs.ac.in
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2. Educational Background

- Master of Engineering (ME) – Mechanical Design Engineering from SP Pune University (2018).

3. Research Interests

- **Areas of Expertise:** Mechanics of materials, Composite Materials, Mobility Engineering, CAD & CAE.

4. Teaching Experience

- **Courses Taught:** Composite Materials, Machine Design, CAD-CAM & Automation, Operations Research, Automobile Engineering, Electric Vehicles & Internal Combustion Engines, Materials Science & Engineering.
- **Course Development:** Redesign of courses/curriculum of – Composite Materials, Machine Design, Operations Research, Automobile Engineering, Electric Vehicles & Internal Combustion Engines.

5. Publications:

- Suraj R. Karanjikar, Dr. S. S.Lakade, "Evaluation of mechanical properties of polypropylene – Acrylonitrile butadiene styrene blend reinforced with cowrie shell [Cypraeidae] powder", MaterialsToday: Proceedings, 2021, ISSN 2214-7853. <https://doi.org/10.1016/j.matpr.2021.09.134> (<https://www.sciencedirect.com/science/article/pii/S2214785321059319>).
- Suraj R. Karanjikar, Angad Singh Sena, Prajwal Manekar, Samrudhi Mudagi, Ashpreet Singh Juneja, "Utilization of Graphene and its derivatives for Air & Water Filtration: A Review", MaterialsToday: Proceedings, 2021, ISSN 2214-7853. <https://doi.org/10.1016/j.matpr.2021.09.346> (<https://www.sciencedirect.com/science/article/pii/S2214785321062131>)