

Curriculum Vitae

Mr. Sambhrant Srivastava

Assistant Professor, Mechanical Engineering Department,
Rajkiya Engineering College, Azamgarh.
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Educational Qualifications:

- Ph.D. pursuing (Mechanical Engineering), N.I.T. Patna, 2021- till now.
- M.E. (2014), Design of Mechanical Equipment's, BIT MESRA, Ranchi
- B.Tech. (2012), Mechanical Engineering, Uttar Pradesh Technical University

Professional Experience:

- Assistant Professor (Mechanical Engineering Department), JIMS Technical Campus Greater Noida, June 2015 –November 2017

M.E Thesis:

- M.E Thesis Topic was “Design analysis of Mixed Flow Impeller using ANSYS and its Validation using ARTIFICIAL NEURAL NETWORK”.

Journals Published:

1. Conventional of Material Design in Dental Implant, Sambhrant Srivastava, Dr. Saroj Kumar Sarangi, Lecture Notes in Mechanical Engineering, Springer (Communicated and accepted) 2021
2. Design of a mixed flow pump impeller blade and its validation using stress analysis, Sambhrant Srivastava, A.K.Roy & Kaushik Kumar, Procedia Material Science, 2014, Vol. 6C, pp. 417-424, ISSN: 2211-8128.
3. Design of a mixed flow pump impeller and its validation using FEM analysis, Sambhrant Srivastava, Apurba Kumar Roy & Kaushik Kumar, Procedia Technology, 2014, Vol. 14C, pp. 181-187.
4. Design analysis of Mixed Flow Pump Impeller Blades Using ANSYS and Prediction of its Parameters using Artificial Neural Network, Sambhrant Srivastava, Apurba Kumar Roy & Kaushik Kumar, Procedia Engineering, 2014, Vol. 97, pp. 2022 – 2031, ISSN: 1877-7058.
5. Optimization of Mixed Flow Pump Impeller Blade Thickness Using Artificial Neural Network, Sambhrant Srivastava, Apurba Kumar Roy & Kaushik Kumar, International Journal of applied engineering research, ISSN 0973-4562 Vol. 9 No.26 (2014) pp. 8815-8817
6. Comparison of design validation of a mixed flow pump impeller blade using CATIA and ANSYS, Sambhrant Srivastava, Arunangsu Das, Apurba Kumar Roy & Kaushik Kumar, International Journal of Management and Technical Research, 2013, Vol. 1(1), pp. 33 – 42, ISSN: 2347-9035.

Area of Interest:

- FEM , Design optimization, Medical Implants, Fluid Machinery

Subjects Taught:

- Strength of Materials
- Machine design
- Fluid Machinery
- CAD

Conference/Seminar/Workshop:

- Attended workshop on “Outcome Based Education” held on 16th -17th March, 2018 at REC Azamgarh.
- Attended “Entrepreneurship Awareness Camp” from 19th -21st April 2018 at REC Azamgarh.
- Attended FDP on “Total Quality Management” held on 4th to 8th June 2018 at REC Azamgarh.
- Attended Workshop on “Active Learning, Autonomy, Academic Governance and R & D” organized by IIT Roorkee, June 18th – 22nd, 2018.
- Attended FDP on “Recent Advancement in Mechanical Engineering” at Rajkiya Engineering College Azamgarh held on 19-23 August 2019.

Administrative Responsibilities:

- Deputy Controller of Examination
- AISHE Coordinator
- EAP Coordinator (under TEQIP-III)
- Departmental Project Coordinator
- Class Coordinator