

SAURABH KUMAR SINGH

**Assistant Professor, Mechanical Engineering Department,
Rajkiya Engineering College, Azamgarh, U.P.**

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+91-7379940082

Educational Qualifications:

- **Ph.D. pursuing (Mechanical Engineering):**
N.I.T. Patna, 2021- till now.
- **M. Tech. (Production Engineering):**
Indian Institute of Technology, Delhi (2013-2015)
- **B. Tech. (Mechanical Engineering):**
Madan Mohan Malaviya Engineering College, Gorakhpur (2009-2013)

Working Experiences:

- **Assistant Professor,** from 8th December 2017 to till now
Mechanical Engineering Department,
Rajkiya Engineering College, Azamgarh, U.P.
- **Guest Faculty,** from July 2015 to 7th December 2017
Mechanical Engineering Department,
Rajkiya Engineering College, Azamgarh, U.P.

Major Dissertation Project (M. Tech):

Machining of Kevlar Fiber Reinforced Plastic Composites under the supervision of **Prof. N. Bhatnagar**

Course Projects (M. Tech):

- **Injection Mold design for Small Container and Cap manufacturing** under the supervision of **Prof. N Bhatnagar**
- **Design and Assembly of Screw Jack** under the supervision of **Prof. P.V.M. Rao**

Project (B. Tech):

"Gearless Transmission" under the supervision of **Prof. A. K. Bajpai**

Area of Interest:

Machining, Composite Materials, Natural Fiber composites, Heat Transfer

Subjects Taught (UG Level):

- Manufacturing Processes
- Advanced Welding
- CAM
- Measurement & Metrology
- Heat and Mass Transfer
- Automobile Engineering
- Fluid Machinery
- Non-Conventional Energy Resources
- Workshop Practices

Administrative Experiences:**Current Responsibilities:**

- I/C Library, REC, Azamgarh
- O/C Time Table, Mechanical Engineering Department, REC, Azamgarh
- Chairman, Purchase Committee of Library, REC, Azamgarh
- O/C Manufacturing Process Lab

Past Responsibilities:

- O/C Vehicle, REC, Azamgarh
- Nodal Officer Academics, TEQIP-III, REC, Azamgarh
- Nodal Officer, ARIIA 2019 & ARIIA 2020, REC, Azamgarh
- Warden, Girls Hostel, REC, Azamgarh

Conferences/Seminar/Workshop

- Organized One Week Workshop on “Emerging Technology in Mechanical Engineering” at Department of Mechanical Engineering, Rajkiya Engineering College, Azamgarh in collaboration with SPIU, on 22nd - 26th Sep, 2020.
- Organized Two Days faculty development programme on “Innovations Optimization Techniques in Mechanical Engineering” at Department of Mechanical Engineering, Rajkiya Engineering College, Azamgarh in collaboration with Department of Mechanical Engineering, Government College of Engineering, Karad, Pune on 20th - 21st April, 2020.
- Organized five days Hand-on Training on “ANSYS and MATLAB” at Department of Mechanical Engineering, Rajkiya Engineering College, Azamgarh in collaboration with Department of Mechanical Engineering, Government College of Engineering, Karad, Pune on 17th - 21st Feb, 2020.
- Organized One Week faculty development programme on “Recent Advancement in Mechanical Engineering” at Department of Mechanical Engineering, Rajkiya Engineering College, Azamgarh in collaboration with Department of Mechanical Engineering, Government College of Engineering, Karad, Pune on 19th - 23rd August, 2019.
- Organized two-day seminar on “Value Based Education” as Coordinator at Department of Mechanical Engineering, Rajkiya Engineering College, Azamgarh on 25th - 26th July, 2019.
- Attended and Organized one-week workshop on “Emerging Trends in IoT and Discrete Process Modelling, Simulation and Optimization” organized by Department of Mechanical Engineering, Rajkiya Engineering College, Azamgarh on 30th March- 03rd April, 2019.

- Organized one-week workshop on “Corporate Expectation and Academia” at Department of Mechanical Engineering, Rajkiya Engineering College, Azamgarh on 15th- 19th September, 2018.
- Organized one-week workshop on “Start-Up Summit” at Department of Mechanical Engineering, Rajkiya Engineering College, Azamgarh on 4th- 8th September, 2018.
- Organized three days’ workshop on “Entrepreneurship Awareness Camp” at Department of Mechanical Engineering, Rajkiya Engineering College, Azamgarh on 19th- 21st April, 2018.
- Attended Workshop on “Active Learning, Autonomy, Academic Governance and R &D” organized by IIT Roorkee, June 18th – 22nd, 2018.

Skills:

- **Programming languages** CNC Programming, MATLAB.
- **CAD/CAM software** Creo Elements/Pro E
- **Simulation Software** Mold Flow
- **Personal** Strong analytical skills.
Ability to meet strict deadlines and work in fast paced team environment.
Steep learning curve for new assignments.

Achievements:

- **GATE 2013 (AIR-825)** qualified in Mechanical Engineering

Personal Details:

Date of Birth: 30/05/1992
Father’s Name: Mr. Jagadish Singh
Marital Status: Married
Email id: saurabh.mmm01@gmail.com
Mobile No. +91-7379940082

Declaration

I hereby declare that the information furnished above is true to the best of my knowledge and can produce testimonials whenever asked for.

(Saurabh Kumar Singh)