

Saket Rusia

Assistant Professor, Investigator (Researcher), Govt. Consultant

Office I/C TPO,
Civil Department Block.
(+91) 9713553877
saket@recmainpuri.in
<https://in.linkedin.com/in/saket-rusia>
https://researchgate.net/saket_rusia

EXPERIENCE

Rajkiya Engineering College, Mainpuri — Asst. Professor

December 2017 - PRESENT

Asst Professor Civil Engineering Department, I/C Prof. Training - Placement and Career Development Cell, SPOC and founder of SWAYAM NPTEL Local Chapter REC Mainpuri, Convener Institute Industry Cell, Govt Consultant and Invigilator for various IRG Building projects and testings, Coordinator Internshala and active members of various cells of the institute. Expertise in teaching fields: structural engineering proficient in advance structure, RCC, Design software, FEM, Dynamics etc, HVPE (Certified) etc. Coordinator, NEAT, ISRO etc.

Gammon India, Gujrat — GET followed by Site/Planning Engr.

Supervised two out of four zones, project of 108 cr, Many times took charge of Project Manager, High Rise structure, Canal, Water distribution, Housing etc.

School of Planning Architecture, Bhopal — Expert Faculty

Faculty for Structure and Software Consultant in many projects.

NITTTR, under MHRD, Bhopal — Expert Faculty & Trainer

Contractual Faculty for Masters (PG Course) and Trainer in various teaching learning courses, Engineers' training programs.

Built Well & Sona Construction, MP — Project Engineer & Software Consultant

Project management consultant and co founder of sona construction.

Online Teaching, On Web - Subject Expert

Worked as co-expert in goiit.com, provided tuition for optional subjects in civil via tutorvista.com.

AWARDS

Best Assistant Prof. Nominee, from REC Mainpuri to AKTU

Best Site Engineer Appreciation Award, by DM, Rajkot Gujrat.

GATE Scholarship, Six time GATE qualified

Top Performing Mentor for Various Subjects, SWAYAM NPTEL

Winner of Sci - TEch Quiz, State Level Competition at MANIT, 2010

Best Student Award, two times while basic education schooling

State Scholarship, yearly for subject toppers in eight to tenth standard

District Rankings, while in Primary and secondary education.

RESEARCH

Principal Investigator for CRIP Project under TEQIP III (3 lacs)

Research Papers : Five International, One National, Three **Conference Proceedings**

START UP

Co - Founder of "College Gate" An interactive web portal for college student

Co - Founder of "Dreams to Reality" Bhopal Chapter, a MLM

EDUCATION

National Institute of Technical Teachers' Training and Research, Bhopal — *Masters in Structural Engineering*

Topper of the batch, First Thesis Submission Commendation

Maulana Azad National Institute of Technology (NIT Bhopal), Bhopal — *B.Tech in Civil Engineering*

Meritorious student, **PRESIDENT** of the Association of Civil Engineering (ACES), and an active member for many societies

IGNOU, Bhopal — *PG Diploma Higher Education*

Ongoing course only for Post Graduates of Technical Edu.

TRAININGS AND KEY PROJECTS

Project entitled “**Public Private Partnership in Highway Projects PPP**” during under graduation.

Project entitled “**SLABS ON GRADE**” during under graduation.

Master's Thesis entitled "Application of Artificial Neural Network for Analyses of Plates with Holes considering different Geometrical and Loading Parameters" in the guidance of Dr. K K Pathak, Prof IIT BHU.

Training at **CPWD**, about estimation and costing of newly built CRPF building.

Training at “**Raja Bhoj International Airport**” under AAI, Bhopal. Analyses of construction techniques of terminal building and taxiway.

Training at **NVDA** (Narmada Valley Development Authority), sanavad, studied the methodology of construction of Indira Sagar Canal (lined) and working of Lift Irrigation Scheme.

SKILLS : FUNCTIONAL & IT FORTE

Tech Savvy, ICT User in day to day work. **Artificial Neural Networking** and network training and worked on various algorithms for ANN.

Software **ERP Project Planning & Billing - Control Estimate**, Proficiency in AutoCAD (**AutoDesk Certified**), STAAD PRO (**Bentley Certified**), **ETABS** (High Rise Building), **ANSYS Workbench**, **MATLAB** and Online Softwares like West Point Bridge Designer.

System Expert using Windows, Linux OS, Expertise in Photoshop, Digital WB presentations Functional, **WORDPRESS**, **GSuite** etc

FACULTY DEVELOPMENT PROGRAM & CONSULTANCY (IRG BUILDUP)

AICTE approved MOOCs every Semester, Elite Score in three MOOC Courses.

Universal Human Value (UHV) Level 1 Workshop, from Certified Trainer

Been a part of Investigator Team of about **Design consultancy & Testing** work of about 30 lacs (2017-21)

Various FDPs, and Webinars from Eminent Institutions