

SANIA SHAKIL

✉ saniashakil8787@gmail.com 📞 +39 3394150500 / +91 9911208594 📅 June 02, 2002 🌐 linkedin.com/sania 📍 Delhi, India

📄 PROFILE

Enthusiastic Environmental Engineering and Land Planning student with strong analytical skills and a passion for sustainable development. Focused on creating regenerative, resilient urban systems through life cycle assessment, water treatment innovation, and nature-based solutions. A proactive learner and team player eager to contribute to projects in climate adaptation and sustainable infrastructure.

📁 PROFESSIONAL EXPERIENCE

- Summer Intern, Nippon Koei India Pvt. Ltd.** Jun 2023 – Jul 2023
Internship
- Analyzed the Sewage Treatment Plant (STP) process utilizing Upflow Anaerobic Sludge Blanket (UASB) technology.
 - Assessed treated effluent quality for safe discharge and reuse in irrigation applications.
- Human Resource Intern, Kirti Construction** Jun 2022 – Dec 2022
Internship
- Assisted in hiring, onboarding, and training for over 30 team members.
 - Managed HR operations, maintaining records and tracking attendance and leave for 30+ employees.
- Human Resource Intern, N.S. Associates Pvt. Ltd.** Jan 2021 – Mar 2021
Internship
- Contributed to the project “Compliance Formalities and Compensation Management” by overseeing employee onboarding, managing compensation in line with government regulations, and coordinating recruitment activities including resume screening and interviews.

📖 RESEARCH PAPER, PROJECTS AND WORKSHOPS

- Dissertation, Jamia Millia Islamia**
- Prediction of Grade of Concrete Using Machine Learning
- Research Paper, Jamia Millia Islamia**
- Waste-To-Energy Technologies : Turning Trash Into Treasure (*JMI University Magazine*)
- Projects, Politecnico di Milano**
- Exploring Green Infrastructure: Benefits, Challenges, and Pathways Toward Sustainable Urban Futures in Kazakhstan, India, and Iran
 - Waste Prevention Practices for Drinking Water and Spice Consumption in India
 - The Water Crisis in Egypt: Evaluating Food Security, Water Use, and Future Solutions in Zagazig
 - DECO: Design Community Ecology
- Workshops**
- AutoCAD : AutoCAD 2D in campus workshop
 - Ultratech Cement : Innovation in ready mix concrete and allied building product in campus workshop
 - IGS Seminar : Demolition of Buildings and Pile and Raft foundations in campus workshop
- ISRO, Online Project**
- Geospatial Technology for Hydrological Modelling
 - Earth Observation and Carbon Cycle studies.
- UNICEF, Online Project**
- Emergency Preparedness and Response

🧠 SKILLS

AutoCAD | STAAD Pro | Microsoft Office Applications, (excel, word, PowerPoint) | Primavera | CLIMWAT | CROPWAT

🎓 EDUCATION

- MSc. Environmental Engineering and Land Planning, Politecnico di Milano** Sep 2024 – Present
Milan, Italy
- B.Tech Civil Engineering - 9.75 SPI, Jamia Millia Islamia University** 2020 – 2024
Delhi, India
- 12th Class - 71%, Jamia Senior Secondary School** 2018 – 2020
Jamia Board, Delhi-India