

MAANASHI TRIPATHI

ACADEMIC PROFILE			
Degrees/ Certificates	Institution	Percentage/ CGPA	Year of Completion
PhD (Environmental Engineering)	Civil Engineering IIT Madras, Chennai	Ongoing	
M- Tech (Environmental Engineering)	Civil Engineering IIT (BHU), Varanasi	9.66	2021
Civil Engineering	Madan Mohan Malaviya University of Technology	8.68	2019
CBSE (XII)	Vishnu Bhagwan Public School and College	89.8	2014
CBSE (X)	Vishnu Bhagwan Public School and College	95	2012
SKILLS			
Area of Interest			
Water and Wastewater Treatment Ground water contaminant modelling			
Technologies and Software			
MS Office, AutoCAD, STAADPro, C/C++, Python			
INTERNSHIP/ CERTIFICATE			
MES Allahabad			May 2018- July 2018
Estimation and Costing, Foundation and Column Planning and Designing			
Subject Matter Expert			July 2019- August 2020
Online internship at EduFeat Pvt. Ltd. As a subject matter expert in Environmental Engineering			
PROJECTS			
Onsite nitrogen compound treatment of septic tank effluent			July 2020- July 2021
Exploring the capacity of Zero Valent Iron in nitrate removal from waste water in anaerobic condition			
Sustainable Reuse of Waste Material			July 2018- April 2019
Enhancing the existing property of burnt clay brick by partial replacement of clay with waste glass powder			
PUBLICATIONS			
Evaluation of waste glass powder to replace the clay in fired brick manufacturing as a construction material			
Journal - Innovative Infrastructure Solutions. Volume 6. Article Number 134. Publication Date 15 April 2021			
EXTRA – CURRICULAR ACTIVITIES			
NCC Cadet			July 2015- April 2018
Successfully completed National Cadet Corps with 'C' Certification held under the authority of Ministry of Defence, Govt of India.			

T: 8115882847 **E:** maanashitripathi96@gmail.com **Address:** HIG 40,
Type B, ADA Colony, Devprayagam, Jhalwa, Allahabad, Uttar
Pradesh. PIN- 211015