

RAHUL KUMAR CHAUDHARY

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EDUCATION

Master of Technology, Data and Computational Science	2020 - Present
Indian Institute of Technology Jodhpur CGPA: 7.0/10.00	
Bachelor of Technology, Civil Engineering	2015 - 2019
Indian Institute of Technology Mandi CGPA: 6.5/10.00	
HSC, Class XII	2014
St. Michael's High School, Patna 89.6%	
SSC, Class X	2012
Golen Bell Public School, Biharsharif CGPA: 10/10	

RELEVANT PROJECTS

Analysis of uncertainty quantification in Hydrologic models	Aug 2018 - May 2019
<i>(Mentor: Dr. Kasiviswanathan K S, School of Engineering, IIT Mandi)</i>	
· Trying to increase the efficiency of Hydrological Model using advance optimization algorithm (Firefly Algorithm).	
Implementation of Ponce and Shetty Model	Sep 2018
<i>(Mentor: Dr. Kasiviswanathan K S, School of Engineering, IIT Mandi)</i>	
· Evaluating Ponce and Shetty Parameter to give the predicted runoff generated by rainfall in a particular area using Brute Force in MATLAB.	
Reinforced Cement Concrete Design of two Storey Building	Mar 2018 - May 2018
<i>(Mentor: Dr. Sandip Saha, School of Engineering, IIT Mandi)</i>	
· Structural Analysis and Design of two storey library building (G+1) in Prayagraj (U.P).	
Calculation of settlement in soil	May 2018
<i>(Mentor: Dr. Mousumi Mukherjee, School of Engineering, IIT Mandi)</i>	
· Using Schmertmann Method developed in Python, calculated the settlement of gravity retaining wall in a specified time interval.	
Automated Junk Dealer	Feb 2016 - May 2016
<i>(Mentor: Dr. Mohammad Talha, School of Engineering, IIT Mandi)</i>	
· Designed and developed a working prototype of a machine that processed the input junk material using Arduino based sensors to put into different bins based on its type, i.e, plastic, landfill or metal.	

SKILLS AND INTERESTS

Technical Skills	C, C++, Java, HTML, CSS, PHP, Javascript, MySQL, Angular 8, MATLAB Bootstrap, Python
Interests	Photography, Photo and Video Editing, Hiking

RELEVANT COURSES

Introduction to Programming	Databases	Data structure
Principles of Economics	Linear Algebra	Probability
Essentials of Entrepreneurship	Computer Networks	International Economics

POSITIONS OF RESPONSIBILITY

Co-ordinator Photography Club, IIT Mandi	Aug 2016 - June 2017
· Managed photography teams in all the cultural and technical events in the institute of IIT Mandi.	
Member of Management Team, Exodia 2016	Feb 2016 - Apr 2016
· Managed and organized the event Sumo Wars in the tech-cult fest of the IIT Mandi.	