

Himanshu Srivastava 2 nd year M.Tech, HWRE IIT Kharagpur	Phone : +91 – 8765630747 Email : s.himanshu.er@gmail.com
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Education	
2019-21 (ongoing)	M.Tech, Hydraulics and Water Resources Engineering CGPA: 9.44 (upto 3 rd sem) IIT Kharagpur
2018	B.Tech, Civil Engineering 74.38% Institute of Engineering And Technology, Lucknow
2013	12 th (Senior Secondary Examination) 76.6% Central Board of Secondary Education
2011	10 th (Secondary Examination) 8.2 /10 Central Board of Secondary Education
Academic Projects	
Sep 2020 – April 2021	Free Surface Flow simulations using OpenFOAM (M.Tech Thesis, 3 rd -4 th Sem) Simulation of open channel flow, hydraulic jump and 2D basin flow using OpenFOAM architecture.
Oct 2017-May 2018	Sediment Transport Analysis (B.Tech Thesis, 7 th -8 th Sem) Sediment Transport analysis in artificial open channel under different discharges.
Feb 2017	Preparation of College Map using GPS Satellites and AutoCAD
Technical Skills	
Programming Languages and Software skills	- C++ - Fortran - Python - OpenFOAM - GMSH
Internships & Trainings	
July 2017	Completed a 4 week Industrial Training at P.W.D. Allahabad.
22nd-28th Jan 2017	ExpertsHub Industry Skill Development Center, Bangalore - Completed 70 Hour Internship on Advanced Surveying, Structural Engineering, Concrete Technologies and earthquake resistant Structures. - Designed a MegaHostel RCC Structure for a capacity of 2000 students. - Worked as a Structural Designer in the group. - Awarded The Best Intern out of 80 interns by the ExpertsHub Team and Mentor. - Completed a 1-day Training programme on Total Station. - Completed a full day visiting training at a Cement Industry.
Sep 2014	Completed a 1-day workshop on AutoCAD 2D.

Co-curricular Activities	
2015	Won 1 st Place in College Competition of Bands Namely "BAND WARS"
2015-2018	Lead Guitarist of Official College Band "NEMESIS"
Hobbies	
• Playing Guitar. • Music • Astronomy	