

SHIVAM AGARWAL
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Professional Qualification

Year	Degree	Institute/School	CGPA/Percentage
2017-till date*	PhD	NIT, Silchar	8/10
2015-2017	M.Tech(WRE)	NIT, Meghalaya	8.12/10
2010-2014	B.Tech. (Civil)	MIET, Meerut(UPTU)	80%
2010	HSC (CBSE)	St.Andrew's Sr Sec School, Agra	85%(PCM)
2008	SSC (ICSE)	St.George's College, Agra	90%

***About to submit PhD Thesis.**

Academic Achievements

1. 6th Rank Holder in M.Tech 2015-2017
2. 4th Rank Holder in B.Tech (Civil Engineering) 2010-2014
3. GATE Qualified thrice 2014, 2017, 2021
4. Successfully Presented One Dimensional analytical solution
For ground water flow in Masters 2017
5. Successfully Presented Paper in Second **ASCE India Conference** on "Challenges of
Resilient and Sustainable Infrastructure Development in Emerging Economies"
(CRSIDE2020). 2020
6. Paper Accepted in International Conference on Sustainable Water Resources
Management (SWARM 2020) titled "Flood flow modeling in river system using
ANN" **Springer Nature book Series.** 2020
7. Published paper in IWA publishing: **(ESCI and Scopus) (Cite Score 1.4)**
Flood forecasting and flood flow modeling in a river system using ANN.
Water Practice and Technology 1 October 2021; 16 (4): 1194–1205.
doi: <https://doi.org/10.2166/wpt.2021.068> 2021
8. Published paper in CEJ Iran Journal **(Scopus Indexed):**
"Uncertainty Analysis of Regional Rainfall Frequency Estimates in Northeast India"
Doi: [10.28991/cej-2021-03091762](https://doi.org/10.28991/cej-2021-03091762) 2021
9. Published paper in IWA publishing: **(ESCI and Scopus) (Cite Score 1.8)**
"River flow forecasting by comparative analysis of multiple input and multiple output
models form using ANN"
H2Open Journal (2021) 4 (1): 413–428
<https://doi.org/10.2166/h2oj.2021.122>
10. Have reviewed more than 10 SCI journals from IWA Publishing house.

Professional Experience

UST Global.

Software Engineer ILP

(Feb'15 -Aug'15)

1. Worked on handling ETL tools such as Informatica and Teradata.
 2. Handled 200 Maersk Employees as a service executive, admin for one drive and office 365.
 3. Was a part in mail and messaging team with knowledge in mail flow server.
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BIT Engineering College

Lecturer

(Jul'14 – Jan'15)

Meerut,

1. Guided students with professional engineering programming languages.
 2. Subjects specialization in Building material and construction, Environmental engineering.
 3. Achieved expertise in faculty training program held at KIET, Ghaziabad
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NKG Infrastructure

Intern

(Jun-Jul'13)

In collaboration with Uttar Pradesh Rajkiya Nirman Nigam, Delhi

1. Construction of a medical college E.S.I.C besides the hospital named E.S.I.C in New Delhi.
2. The building is to be constructed over 50 feet deep basement having 7 floors, 2 lift facility and Retaining Walls is to be constructed by UPRNN.

INDUSTRIAL VISIT

1. Industrial visit to bridge of bairaj on holy Ganga River, Bijnor.
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Skills and Software

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|-------------------|------------|---------------|--------------|------------|----------|
| 1. NeuroSolutions | 2.Teradata | 3.Informatica | 4.SQL basics | 5.Mike21 C | 6.ArcGIS |
| 7. STAAD Pro | | | | | |
| 8. C and Blue J | 9.Matlab | | | | |

Position of Responsibility

1. Presented paper in National Conference on River flow process Modelling (RFPM-2017).
2. Member of the Literary committee – Odyssey: Won more than 12 management events and debates at college level.

3. Represented NIT Silchar in National level Badminton tournament (2018) held in VSNIT Nagpur, being a sports captain of college.
4. Presented paper in National Conference on Recent advances in Environmental science and engineering (RAESE-2018).
5. Represented College NIT Meghalaya in National level Badminton tournament (2017) held in MNIT Jaipur.
6. Certified in STADD PRO Software through Faculty development programme in KIET, Ghaziabad (July 2014)
7. Student organizing secretary for “Innovation in Civil engineering projects” - 2 Day District level Technical event conducted by MIET, 2012.
8. Was selected as an intern in egis India in May'13 for training in bridges and structures department.