



Kumar Shubham

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Objective

Detail oriented Engineer looking to secure position in an organization where excellence is relevant and wants to work where I can get an opportunity to improve my skill and knowledge to grow along with the organization objective.

About Me

Coming with the ability to analyze and solve building design complexities and ability to assess a practical project. I am a lifelong self-learner, determined and committed to attain my objective. I take initiatives and know how to prioritize my work that help me in better planning and seek creative, innovative and pragmatic solutions to my problems.

Education

- **Ph. D (Pursuing), Civil Engineering (Geotechnical Engineering)/** National Institute of Technology, Jamshedpur
- **B. Tech, Civil Engineering/** D.I.T University/ Dehradun Institute of Technology, Dehradun, Uttarakhand
– CGPA **8.77** – **2014-2018.**
 - **Intermediate/** C.B.S.E/ Delhi Public School, Bokaro, Jharkhand – **87.40%** - **2012.**
 - **Matriculation/** C.B.S.E/ D.A.V Public School, Hazaribagh, Jharkhand – CGPA **9.60** – **2010.**

Internship

 **June 2017 - July 2017 Gannon Dunkerley & Co. Ltd, Dwarka (Gujarat)**

Project Title: Civil & Structural Works for Soda Ash Manufacturing unit of RSPL for Ghari Detergent Pvt. Ltd

Description: Learnt about the soda ash manufacturing process, pile foundations, water treatment, steel structures, Batching Plant, RM Concrete, Plasticizers and chemical curing techniques, Safety Measures, and Construction Management.

 **June 2016 - July 2016 N.T.P.C, Hazaribagh (Jharkhand)**

Project Title: Study of R&R Colony

Description: Learnt about the basic elements of structure like Foundations, RCC, Steel Structures, Concrete Technology, Estimation & Costing, Contracts & Tenders and Management Techniques.



Projects

1. **Development and Validation of Linear Regression Equation to determine CBR value from SPT 'N' value for a given soil sample.**
 2. **IMDb Data Visualization using Python (UpGrad IIIT Bangalore PGD Data Science)**
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Experience

1. Working as Assistant Professor at ARKA JAIN University, Jamshedpur (Jharkhand) from 03/01/2020 to till date. **Additional Duty-** Coordinator, IIRS (ISRO) Outreach Programme.
 2. Worked as Guest Faculty at Sityog Institute of Technology, Aurangabad (Bihar) from 15th Jan, 2019 to 31st Dec, 2019.
 3. Worked as Assistant Professor, ARKA JAIN University, Jamshedpur (Jharkhand) from 02/07/2018 to 12/01/2019.
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Training & Certification

1. **Introduction to CAD**, CADD Centre Training Services, Dehradun, 2014
 2. **STADD.Pro**, DIT University, 2016
 3. **Programming Techniques using C & C++**, RCPL, 2015
 4. **Preparatory Course** on Python as a part of **PGD in Data Science**; UpGrad IIIT Bangalore; April 2021.
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Co-Curricular Activity

1. Participant- **AutoCAD Workshop**, TRYST-2015- IIT Delhi/ 28th Feb-02nd March 2015.
2. 2 days' workshop on "**Structure & Foundation**", Utkraanti, 16 in association with Chemclave, 16 IIT Madras.
3. Paper published- "**Integrating Human Values in Technical Education**" (Education and Welfare: A Peer Reviewed Journal ISSN 2320-1762 Jan-Dec 2016 Vol-V No.1).
4. Paper published- "**High Strength Rice Husk Ash Concrete Incorporating Quarry Dust as a Partial Substitute for Sand**" (Education and Welfare: A Peer Reviewed Journal ISSN 2320-1762 Jan-Dec 2017 Vol-V No.1).
5. Attended a National Seminar on "**Digital India: A Roadmap for Cashless Approach**" held on 4th Feb, 2017 at Sachchidanand Sinha College, Aurangabad, Bihar.
6. National Workshop- "**Popularization of Remote Sensing Based Maps and Geospatial Information**", ISRS and ISRO on August 11th, 2017.
7. 2 days' workshop- "**Building Information Modeling**", CETPA InfoTech Pvt. Ltd. / 6th and 7th Oct 2017.
8. Participated in **EAC** 3 days' Programme organized by DIT University from 5th -7th April, 2018 supported by **DST-NIMAT**.

9. Attended “**Global Agriculture & Food Summit, 2018**” organized by Department of Agriculture, Animal Husbandry and Co-operative, Government of Jharkhand at Ranchi on 29th – 30th Nov, 2018.
10. Participated in “**UGC Sponsored Workshop on MOOCs, e-Content Development and Open Educational Resources**” held on 7th -14th Jan, 2019 and obtained Grade-A.
11. Attended “**Global Skill Summit, 2019**” held at Ranchi on 11th Jan, 2019 organized by Jharkhand Skill Development Mission Society.
12. Attended “**National Leadership Summit 2019 on Achieving Leadership Excellence in Global Perspective**” organized by Department of Management Studies, Institute of Management Studies, Ranchi held on 2nd Feb, 2019.
13. Presented a paper entitled “**Renewable Energy- Pillar of Climate Change**” in National Conference on Environmental Ethics & Sustainable Development organized by Sarala Birla University, Ranchi held on 17th March, 2019.
14. Attended “**TEQIP-III Sponsored National Workshop on Geo-Systems & Geo-Materials**” organized by Department of Civil Engineering, NIT Jamshedpur on 3rd- 8th June, 2019.
15. Attended “**TEQIP-III Sponsored National Workshop on Research Methodology: An insight for Researchers in Engineering**” organized by Department of Mechanical Engineering, NIT Rourkela on 26th- 30th Aug, 2019.
16. Presented a paper at **Indian Geotechnical Conference** organized by IGS- NIT Surat entitled “**Effect of Vegetation on Slope Stability: An Analytical Approach for Chandil Site.**”
17. Presented a paper at **International Conference on Innovations in Thermo-Fluid Engineering & Sciences at NIT Rourkela** entitled “**Coupled Heat-Fluid Transport in the Soil Matrix: A Comparative Study of Cold Regions**”.
18. Presented a Paper entitled “**Development & Validation of Linear Regression Equation to predict CBR value from SPT ‘N’ Value for a given soil sample**” at RTATAC-20 held at ARKA JAIN UNIVERSITY, Jamshedpur on 28th -29th Feb, 20.
19. Presented a Paper entitled “**Seismic Response of Soil Like Material in MSW Landfill using Equivalent Linear Approach**” at **National Conference on Geo-Sciences and Geo-Structures** organized by NIT Jamshedpur on 3rd -4th Sep, 2020. Selected for SCOPUS.
20. Conference Research Paper Selected for **Springer (SCOPUS)** at **Indian Geotechnical Conference** organized by IGS- Vizag Chapter entitled “**Reliability Analysis of Foundation Settlement resting over a Circular Void**”.
21. Paper Published in Turkish Journal of Computer and Mathematics Education Vol.12 No. 9(2021), 2907-2915 (**SCOPUS Indexed**) entitled *Covid-19 Data Analysis For Second Wave Indian Pandemic Seir Model By Using Principal Component Analysis Tool.*



1. **President** of Samarthya Club (Society of Civil Engineering), DIT University for the session 2016-17.
2. **Event Coordinator** of “Chayachitran” in RBM organized by Clickrrati Litterrati Club at DIT University.
3. **Event Coordinator** of the events conducted by Civil Department, DIT University in Youthopia-16.
4. Organising Secretary of National Conference **RTATAC-2020** held at ARKA JAIN University, Jamshedpur
5. Organising Committee Member of FDP on “**Smart Cities: Opportunities & Challenges**” organized by Arka Jain University, Jamshedpur.



Awards & Honors

1. **Winner**- Bridge-The-Gap competition- Youthopia-2014, DIT University.
2. **Winner**- Train-o-Brain (Quiz), Samarthya Club, Civil Department, DIT University on 11th-12th Sep 2015.
3. **Winner** - Zonal Round Competition- “Structure & Foundation” under Utkraanti-16 -IIT Madras organized by Wingfotech Excellence.
4. **Winner**- Bridge-The-Gap competition- Youthopia-2016, DIT University.
5. **3rd rank** - Paper-Maniac (Paper Bridge Competition), Samarthya Club, DIT University on 12th Sep 2015.



Software Known

PLAXIS (2D/3D), DEEPSOIL, ArcGIS, AUTOCAD, STADD. Pro, MATLAB, Python



Personal Details

Father’s Name	:	Dr. Vijay Kumar Singh
Mother’s Name	:	Dr. Beby Kumari
Date of Birth	:	August 05, 1995
Gender	:	Male
Category	:	General
Marital Status	:	Single
Nationality	:	Indian
Home Town	:	Hazaribagh
Permanent Address	:	103, Om Sai Enclave, Hirabag Chowk, Hazaribagh, Jharkhand-825301
Permanent Phone No.	:	+919431385023, +918877000490
Mobility	:	Willing to relocate anywhere in India and overseas.

I declare that the details above are correct and true to the best of my knowledge.

Kumar Shubham