

PROFILE SUMMARY:

- **Faculty At Civil Engineering Department In :**
Bhagalpur College of Engineering, Bhagalpur [5th Jan 2018 till present date].
SGT University, Chandu-Budhera, Gurgaon, Haryana [1st March 2017 to 1 Dec 2017].
SRM University, Sonipat, Haryana [26th May 2016 to 1st March 2017].
Ideal Institute of Technology, Ghaziabad, Uttar Pradesh [12th Oct 2015 to 26th May 2016]
- **Subjects Taught :**
 - (i) **BCE Bgp** : Structural Analysis I and II, Strength of Material, Building Science (B.Tech)
 - (ii) **SGT Univ.** : Maintenance and Rehabilitation of Structures (M.Tech), Concrete Technology, Irrigation, Hydrology, Geology, Open Channel Flow, Auto-CAD (B.Tech)
 - (ii) **SRM Univ.** : Maintenance and Rehabilitation of Structures, Bridges (M.Tech), Applied Hydraulics Engg, Soil Mechanics, D.H.S (B.Tech)
 - (iii) **Ideal Institute of Tech, Ghaziabad:**
: Rural Water Supply and Sanitation, Hydraulics and Hydraulic Machines and Design of Concrete Structures
- **Worked with Ecotex Environmental Technologies Bangalore Pvt. Ltd.,** as a Project Engineer.
- **Worked with Larsen and Toubro (Building and Factories division),** as a Graduate Engineer's Trainee (Site execution engineer).
- Ability to handle multiple tasks and work independently as well as in a team.
- Good communication and interpersonal skills with decent problem solving ability.

PROFESSIONAL EXPERIENCE:

1. Ecotex Environmental Tech. Bangalore

Project Engineer

(14 June 2011 – 10 Jan 2013)

SHAHI EXPORTS SHIMOGA DISTRICT, KARNATAKA

Roles & Responsibilities:

- Worked towards the total process to deliver cost effective environmental products and services.
- Delivery and design (architectural as well as construction drawing) of products like – screen, inclined plate settlers, diffusers, sequencing batch reactors, multi-media filters, activated carbon filter, ozonation system, clarifiers etc.
- Services like – Retrofittings, Operation and Maintenance, Environmental audits, Consultancy, Technologies Transfer etc were provided by the company.
- Site check of construction of the units of Textile Plant at Shimoga
Units like --- Equalisation Tank, Clarifier, Filtration unit; also the STP unit (demarcation of boundaries and design part of sewage treatment plant)
 - ❖ **Also visited the units of our other clients like:**
 - (i) **Bombay Rayons Fashions Limited, Bangalore**
 - (ii) **Suretex Prophylactics India Ltd., Jigani Bangalore**

2. Larsen &Toubro (ECC Division):

TECHNOLOGY CENTRE II, POWAI, MUMBAI**Roles & Responsibilities:**

- Project was about construction of two similar multi-storied buildings with connecting bridge and having facilities like helipad, large canteen area etc.
- Involved in making weekly, monthly construction schedule with the planning engineers.
- Was involved in JCR (job cost report), MPR (monthly progress report), WPR (weekly progress report) etc.
- Was involved in procurement works which includes purchase order, invoice creation.
- Worked as site engineer and form work engineer which includes labor management, assigning work according to shifts.

Area of Interest:**Civil Engineering Subjects**

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|---------------------------|-------------------------|------------------------------|
| (1) Strength of Materials | (2) Structural Analysis | (3) Hydrology and Irrigation |
| (4) Fluid Mechanics | (5) Soil Mechanics | (6) Geology |

Achievements:**Competitive Exams (For Graduation Degree as well as Government Jobs)**

- Indian Engineering Services Examination-2013, written qualified.
- Qualified GATE-2011, 2012, 2013 in Civil Engineering stream.
- Qualified AIEEE-2005 & 2006, BCECE-2006

ACADEMIC QUALIFICATION:

Qualification	Institute/Board	Year	Marks/ CGPA
M.Tech (Civil)	IIT Roorkee, Roorkee	2015	7.33
B.Tech (Civil)	VNIT Nagpur	2010	7.21
XII	T.N.B.College, Bhagalpur	2004	60.44%
X	S.K.P. Vidya Vihar, Bhagalpur	2002	80%

ACADEMIC PROJECT:

- **M.Tech Project –**
(i) Structural Response Dependent Duration of Strong Ground Motion
[Review of various methods of duration of strong ground motion, Performance of the methods when applied to the database of areas around Uttarakhand Region, Computing the duration for 20 accelerograms with a total of 60 component of motion for 20 sites, Duration calculated was related closely to structural response]
- **B.Tech Project --**
(i) Soil Stabilisation using rice husk
(ii)Energy Audit of the Electrical Engineering Departmental Building of VNIT Nagpur

WORKS OTHER THAN TEACHING:

- **SGT University –**

(i) Co-ordinator of University Research Committee ---

Attended Seminars and Guest Lectures of Other Departments, Presented Project of Technical Fest of SGTU, Faculty Development Program, Preparation of Teaching Methodologies based on Integrating various Departments, Preparation of New style End Semester Question Paper based on 13 point Modules and Two parts (First part Objective containing 6 modules, Second part Subjective containing 7 modules)

(ii) Mentor of 5th Sem ---

Preparing Time-tables, Special Classes, Preparation of Techno-fest Projects, Progress of Classes, Progress of Projects, Managing Code of Conduct of Students

(iii) Project Advisor of 5th Sem Students – “Project was on Air Pollution and Sound Pollution Monitoring”

HOBBIES:

Playing cricket, table tennis, travelling and reading novels.

DECLARATIONS & REFERENCES:

I hereby declare that the information furnished above is true to best of my knowledge and belief.

Abhishek kumar
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