Curriculum Vitae

Mr. Vipin Chauhan (Research Scholar)
Department of Civil Engineering
Shiv Nadar University, Greater Noida,
Uttar Pradesh, Pin: 201314, India

Email id: viipiinchauhan@gmail.com
Mobile : +91-9899301399

Objective:

I am seeking to deliver my research, analytical as well as presentation skills that will benefit in growth. So I want to work for an organization which offers me steady career growth and healthy learning atmosphere so that I can upgrade my knowledge and skills and make a difference in my technical skills and take the organization to new heights.

Educational Qualification:

Course	School / College	Board / University	Year Of Passing	Percentage/CGPA
M.Tech Structural	Galgotia University	GALGOTIA	2014	7. 69
B.Tech-Civil	Noida Institute of Engineering and Technology, Gr. Noida	UPTU	2012	60%
12th	Rishikul vidyapeeth sonipat, Haryana	CBSE	2008	67%
10th	Lord mahavira school Noida,UP	CBSE	2005	67%

Work Experience:

- Worked as an **Assistant Professor** at **IIMT College of Engineering,** Greater Noida from July 2014 – July 2018
- Internship at **Larsen & Toubro Limited** from 11 july to 07 august 2013 of project Mall of India, Noida
- Internship at **Jaiprakash Associates** Limited from 21 june to 20 july 2011 of project **Wish Town, Noida**

Research Interest:

- Structural Analysis
- Design of Concrete Structures (IS 456)
- Earthquake Analysis (IS 1893 part 1)
- Wind Analysis (IS 875 part 3)
- Concrete technology

Subject Taught:

- Structural Analysis 1
- Structural Analysis 2
- Building Material & Construction
- Structural Analysis Lab
- Structural Detailing Lab
- CADD Lab (STADD PRO & AUTO CADD)
- Building Material Lab

Administrative Responsibilities:

- Member of funded research and innovation (FRI)
- Assistant Centre Superintendent of UPSE Exam 2018
- Member of Exam Cell 2015 - 2018
- Coordinate Industrial visits in 2014 - 2015
- ERP Coordinator to facilitate online monitoring of class attendance and lecture plan.
- Student mentor.

Project:

- **M.Tech Project**

Analysis and Design of high rise Buildings using STAAD PRO and AUTOCAD.

The aim of this work is to analyse and design a multi- storeyed residential building [G + 14] using STAAD Pro. The design involves load calculations manually and analysing the whole structure by STAAD Pro. The Design Method used in STAAD Pro analysis is Limit State Design conforming to Indian Standard code of practice. The analysis of frame and manual check of the accuracy of the software was focussed on this study. Analysis and design of G + 14 storey building was done for all possible load combination (dead , live and seismic load). Seismic analysis was done by Response Spectrum method.

- **B.Tech Project**

Capacity analysis of rotaries in Gr. Noida

Greater Noida is satellite city for Delhi, capital of India, higher rate of urbanization and decentralization of Delhi are the major reason for fast growing vehicular traffic. Rate of decentralization is very high due to more aesthetic and pollution free environment in Greater Noida. Greater Noida is an urbanised town and most of intersections are designed as Rotary intersection as per previous medium traffic flow in past years as per economic consideration. Rotary intersection became inefficient in peak hour traffic and resulted as a major point of traffic congestion near intersection area and increase travel time, discomfort as well as noise and air pollution. First step in my research work is to collect traffic volume study in different approaches by manual method in PCU per hour and with help of other field data such as existing weaving length, width, angle, road width etc., evaluate the present capacity of weaving section. The practical capacity of rotary intersection is depended on the minimum capacity of the individual weaving section. We know that a rotary can handle a maximum traffic volume of 3000 PCU/hour as IRC 65 guidelines. So if I found more than 3000 PCU/hour traffic at Authority Chowk rotary intersection even in peak hours, it creates traffic congestion some time traffic jam at rotary. Signals are provided at existing rotary to efficiently handle the increased traffic. Signal is designed by approximate method in my research work.

Publications:

- Shelendra kumar, Abhinav Agarwal, **Vipin Chauhan**, *"***UTILISATION OF POLY PROPLENE FIBER IN RIGID PAVEMENT***", INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS (IJCRT), ISSN:2320-2882, Volume.5, Issue 4, Page No pp.14 – 19***.**
- Roy Sasidharan, **Vipin Chauhan**,*Sandeep Sharma "**FIBER REINFORCED CONCRETE A BETTER MATERIAL FOR CONSTRUCTION**", INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN SCIENCE AND ENGINEERING (IJARSE), ISSN:2319-8354, Volume.5, Issue 03, Page No pp.337 – 344***.**

Conferences/Seminar:

- Attended a one week Faculty development Program on "**AUTO-CAD**" held during **12-17 December 2016** at IIMT College of Engineering, Greater Noida
- Attended a one week Faculty development Program on **"Application of advanced softwares in Engineering (staad.pro, Revit & 3d max)"** held during **6-12 December 2017** at IIMT College of Engineering, Greater Noida, conducted by Lelogix Design solutions Pvt. Ltd.
- Attended a one week Faculty development Program on **"challenges and innovations in Engineering"** held during **7-11 May 2018** conducted by GCET, Greater Noida under TEQIP-III Dr. APJ Abdul kalam technical university, Lucknow, Uttar Pradesh.

- International Conference on **"New Horizons in Science, Engineering and Management and Humanities"** conducted at IIMT college of engineering, Gr. Noida
- International conference on **" Emerging Trends on Engineering, Technology, Science & Management"** on 12th April, 2017

- FDP on "**Entrepreneurship Development**" conducted by ITS Education Group, Greater Noida from 16 to 27 January 2017

List of workshop Attended/participated:

- Worked as a coordinator for one day **workshop on 3D Printing** held **on 24 August 2017** Organized by IIMT college of Engineering, Greater Noida and **conducted by Apron Solution Pvt. Ltd**.
- Received a certificate of completion for attending a **workshop on "ETAB**" held **on 10th January 2018** organized by Department of Mechanical Engineering IIMT college of Engineering, Greater Noida

Final Year Project Guided (FYP)

S.No	Title	Year
1	Structural health monitoring by non destructive test (NDT)	2017-2018
2	Movable girder of cable bridge	2017-2018
3	Planning and designing of residential society	2016-2017
4	Designing and preparation of drawing of a residential building	2016-2017
5	Design of multilevel parking	2015-2016
6	Fibre reinforced concrete better material for construction	2015-2016
7	Planning of a green building	2014-2015

Strengths and Skills

- Utilization of time efficiently,
- Efficiency in planning, and execution.
- Work patiently
- Open to learn in any environment.

TECHNICAL SKILLS

- Auto CADD
- REVIT
- STAAD Pro
- ANSYS
- MS-Office

References:

Name	**Dr..Suprakash Biswas**	**Dr. Alok David John**
Occupation/ Position	Professor and Dean	Managing Director in **ASTRAPIA-TCC**
Address	Structural Engineering	403, AL Jazeera Tower
	Department of Civil Engineering	West Bay
	Galgotias University	Doha - Qatar
	Greater Noida – 201308	P.Box - 45809
E-mail	suprakash.biswas@galgotiasuniversity.edu.in	alok.david@gmail.com
Phone No	+91 9560824231	+97455436379

Declaration:

I hereby declare that the above written particulars are true to best of my knowledge and belief.

Date: Signature
Place: Greater Noida