

KESHAW CHANDRA SINHA
Male
7th Jan 1993
B.Tech
CIVIL ENGINEERING



NATIONAL INSTITUTE OF TECHNOLOGY, CALICUT
kcsinha7@gmail.com
Mob : +918590420123

Examination	University	Institute	Year	CGPA/%
Graduation	NIT Calicut	NIT Calicut	2011-15	8.0
Intermediate/+2	B.I.E, A.P	Narayana Juiniar College,Hyderabad	2008-10	95.7
Matriculation	CBSE	G.D DAV Public School, Deoghar	2008	89.00

OBJECTIVE

To achieve high career growth through a continuous learning process and keep myself dynamic, visionary and competitive with the changing scenario of the world and contribute forward the success of the esteem organization by smart work and acquired skills.

SCHOLASTIC ACHIEVEMENTS

- Got AIR 10877 in AIEEE in 2011 among 1.3 million students (currently known as JEE Mains)
- Passed with 8.0/10 CGPA with 1st class Distinction in NIT Calicut
- Secured 100% marks in Mathematics at Intermediate+2 Level, (H.S.C) 2010

WORK EXPERIENCE

➤ **Engineer- Building Structures, ICRC-USA** (16th April,2018-Present)

WSP Consultants Pvt. Limited, Sector-16A,Noida

Projects Handled:

66 HUDSON YARDS, New York

Location- United States

Responsibilities:

- Design of FLAT Slabs, Footings using SAFE Software.
- RCC Structures elements like Shear wall, Mat Foundation, Slabs Design, Analysis & Rebars detailing aspects in High Rise Buildings. Reviewing of RCC Shop drawings.
- Calculations checking and reviewing of Various Connections and Erection/Piece Drawings.
- Deal with day to day queries from the WSP USA Team, ensuring the relevant information is available on time for construction activity or meeting time deadline to various deliverables.
- Design Code: ACI 318 & AISC Manual for Steel Structures.

➤ **Senior Structural Engineer - Power Sector** (03 Aug, 2015- 14th April,2018)

TATA Consulting Engineers Limited, Sector-62, Noida

Projects Handled:

CONSULTANCY SERVICES FOR MATERIAL HANDLING SYSTEM

Location- Algeria

Responsibilities:

- Prepare of Design Basis Report, feasibility report and various design calculation reports.

- Preparation of excel design spreadsheets on Connection design: End plate, Double cleat etc.
- Design Codes used: Euro Codes BS EN1993

TRANSMISSION AND DISTRIBUTION

Location- Nepal

Responsibilities:

- Switchyard substation Design of all equipment supporting structures and Towers of 220 kV /132kV 72.5 kV/ 33kV of DANA & KUSHMA Substation. Design of 220 kV /132 kV GIS Building.
- Foundation Design – Tower Foundation, Equipment Foundations on excel spreadsheet. Raft Foundation on STAAD & excel sheets, Design of maintenance shed for various substations.
- Calculation of B.O.Q for procurement and Pre-Bidding (Both RCC as well Steel Structures)
- Design of Residential buildings, Industrial Buildings like SPR, GIS Building, Control Building.
- Interaction with Clients on regular basis to understand their requirements and provide feasible solutions. Attending design review meeting and coordination with other Design Teams.
- Design Codes used: IS 456,IS 800,IS806,IS 802

WORKED ON 3D & 4D ENGINEERING PROJECTS

Location: Philippines

Responsibilities:

- 3D modelling of Power Plant including Road and making family in REVIT 3D.
- Extraction of BOQ and rebar schedule in drawing sheet in REVIT
- 4D Stimulations and Clash Checking in NAVISWORKS.
- BIM Modelling using REVIT and STAAD Pro.

TRAINING

A 30 days Vocational training at NTPC Barh site in June 2013. Learning at Township Construction Activities and understanding how to meet deadlines at Site inside NTPC Residential Campus.

SOFTWARE SKILLS

- STADD PRO V8i, SAFE for Flat Slabs Design
- ETABS, REVIT 3D, MS-Excel

POSITIONS OF RESPONSIBILITY

- Senior Executive at Civil Engineering Association, NIT Calicut (2012-2013)
- Served as a Mathematics Tutor for 10-12th class students.
- Organized Various Club Events in NIT Calicut.
- Appointed as Student Ambassador for AutoCAD 3D Student Design Challenge in NIT Calicut.
- Campus Ambassador for NIT Calicut at TATA Consulting Engineers Ltd.

INTERESTS

- Badminton, Swimming
- Travelling, Playing Chess

ACHIEVEMENTS & SKILLS

- Was in Final Round of ALL INDIA TALENT SEARCH EXAMINATION (AITSE 2008)
- Fetched 1st Position in UNDER-16 Badminton Championship & Chess Championship at district level.
- Selected in core 30 members of 'Super 30',Patna(2010-2011)
- Rewarded at Talent Hunt Contest Organized by Prabhat Khabar at district level,2011.

Keshaw Chandra Sinha