

AMRUTA SALUNKHE

B. Tech (Civil Engineering), M. Tech (Structural Engineering)

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CAREER OBJECTIVE:

To work in an organization that provides a challenging and performance driven environment and a wide spectrum of experience to grow and excel in my career. I want to create meaningful contribution to the organization through my skill, abilities and to continuously improve on my professional knowledge and capabilities.

CAREER PROFILE:

Organization	Role	Period of service
STUP Consultants Pvt. Ltd.	Assistant Design Engineer	06/02/2019 To Present Date
STUP Consultants Pvt. Ltd.	Trainee Design Engineer	06/08/2018 To 06/02/2019
Precast India Infrastructures Pvt. Ltd.	Internship Programme	25/12/2017 To 02/01/2018

PROFESSIONAL EXPERIENCE:

- Out of various assignments, most recent project details are furnished below:

Project	Mahatma Gandhi International Conference Centre- Niamey, Niger.
Client	Niamey, Niger- Africa
Description	The MGICC complex has been designed as a spacious, modern and eco-friendly spread over a built-up area of 175,000 sft. Specially worked on Plenary Hall (18.76m high roof covering with 50m longest truss span) as well as Banquet Hall (9.15m high roof covering) with Administration Block.
Role	Assistant Design Engineer
Responsibilities	<ul style="list-style-type: none">• Time to time updating the STADD Pro. Models as per the latest structural layout plan and incorporating with latest architectural drawing to check the behavior of structure in service and strength.• Structural design and reinforcement detailing of Foundation, Column, Beam, Slab, Shear wall for GFC from ground floor to above roof of all towers mentioned above with documentation.
Location	Niamey, Niger- Africa

Project	IDCO, World Skill Center, Bhubaneswar
Client	Orissa Skill Development Authority, Bhubaneswar, Orissa.
Description	The proposed IT/ ITES TOWER has triangular shape in plan above ground floor. The maximum height of building is 82.95m above ground level. The overall building height works out to be 91.60m i.e. from founding level to helipad top. To check the adequacy of the exciting structural framing system for the new loading as per WSC requirement with respect to the revised/ latest IS code provision as well as FRP strengthening using ACI 440.2R-17
Role	Assistant Design Engineer
Responsibilities	<ul style="list-style-type: none"> • Modelling, analyzing and monitoring the behavior of the structure in service and ultimate condition followed by latest seismic code with different possibilities and arrangement of structural layout for schematic stage using SAP • Checking of stresses in shear wall and column. • Modelling and analyzing of raft foundation using SAFE followed by punching shear, settlement and uplift pressure check. • Cross check FRP strengthening using ACI 440.2R-17 • Preparation of DBR.
Location	Bhubaneswar, India

Project	Jabalpur Airport, Madhya Pradesh
Client	Airport Authority of India, Jabalpur, Madhya Pradesh
Description	The structural design basis for proposed development at Jabalpur Airport, Jabalpur, M.P. said proposed development consist of Passenger Terminal Building with area 9431 Sq.m having a hyperbolic paraboloid geometry roof module.
Role	Trainee Design Engineer
Responsibilities	<ul style="list-style-type: none"> • Modelling, analyzing and monitoring the behavior of the structure in service and ultimate condition followed by latest seismic and tall building code with different possibilities and arrangement of structural layout for schematic stage using SAP vi15. • Calculation of time period due to RC structural wall. • Preparation of DBR
Location	Jabalpur Madhya Pradesh , India

Project	Indian Institute of Technology(IIT), Mandi
Client	Indian Institute of Technology
Description	The structure under reference is located in zone 5 which is high seismic zone, considering the latest provisions of IS : 1893-2016
Role	Trainee Design Engineer
Responsibilities	<ul style="list-style-type: none"> • Updated the SAP model as per latest Indian Standard. • Checking of structural safety criteria as per latest seismic and tall building code.
Location	Mandi, Himachal Pradesh, India

- Other handled assignment includes both high and low rise structures with similar responsibilities mentioned above.
- Experienced with frequent site visit for inspection.

ACADEMIC PROJECT DETAILS:

Post-Graduation:

- The Parametric Analysis of Jabalpur-Airport Based on I.S.1893 (Part I)-2016 and I.S.16700-2017.
- Analysis Building Under Blast Loading
- The Effect of Pumice Aggregates And Metakaoline on Heating and Cooling Regimes on Compressive Strength
- Analysis and Design of Cable Stayed Bridge.

Graduation:

- Co-Relation of Index Properties of Black Cotton Soil In Kolhapur Region.
- Soil Stabilization.

ACADEMIC QUALIFICATIONS:

Degree / Certificate	Qualification	Institute	Board / University	Year	Aggregate % / CGPA
Post Graduation	Master Of Technology (Structural Engineering)	Vellore Institute Of Technology	Vellore Institute Of Technology	2019	8.54
Graduation	Bachelor Of Technology (Civil Engineering)	Kolhapur Institute of Technology (KIT),College of Engineering	Shivaji University, Kolhapur	2017	73

12 th	H.S.C	Vivekananda College, Kolhapur	Maharashtra of Higher Secondary Education	2013	58.17
10 th	S.S.C	Usharaje High-School, Kolhapur	Maharashtra Board of Secondary Education	2011	92.55

COMPUTER SKILLS:

- AutoCAD
- STAAD PRO V8i & Connect Edition
- STAAD RCDC Connect Edition
- SAFE 2016
- ETABS (Version 9.7.4, 15.2.2, 16.0.2, 17.0.1 & 18.0.2)
- SAP2000 (version 18.2)
- ANSYS (version 18.0)
- Microsoft Excel
- Microsoft Word
- Microsoft PowerPoint

ACHIVEMENTS & AWARDS:

- Paper published in International Conference on Civil, Architectural and Environmental science (ICAES-19). Project title,” The Effect of Pumice Aggregates and Metakaoline on Heating & Cooling Regimes on Compressive Strength “.
- Certificate of Appreciation for the exemplary work done on the Mahatma Gandhi International Conference Center- Niamey, Niger.

PERSONALITY TRAITS:

- Hardworking & responsible
- Quick learner
- Enthusiastic & strong willpower

PERSONAL DETAILS:

Mother's Name : Ratanamala Salunkhe
Father's Name : Dattatraya Salunkhe
Date of Birth : 17th November, 1995
Gender : Female
Nationality : Indian
Status : Single
Languages Known : Marathi (S/R/W), Hindi(S/R/W) and English (S/R/W),
Hobbies : Travelling, Drawing, Playing Harmonium, Cooking, Watching movies.
Current address : Plot No. 37/2, RCF Line, Sector 6, Navi Mumbai, Vashi-400705
Permanent address : 530-11/12, A-2, D.S.Park, Inglenagar, Kolhapur-416008

Date :

Signature :



Place : Mumbai