

CURRICULUM VITAE

SASWAT MISHRA

CIVIL ENGINEER

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CAREER OBJECTIVE

Career enhancement by acquiring practical experience. To work for an organization to fulfill the needs and interests of the organization as well as for my own exposure and knowledge to grow along with the organization objective.

EUDCATIONAL QUALIFICATION

Year of Completion	Program of Study	School/College	Marks
Pursuing	Integrated M.Tech-PhD (Construction Eng & Management)	Kalilnga Institute of Industrial Technology (KIIT)	8.59 CGPA
2020	PG Diploma (Advance Construction Management)	National Institute of Construction Management & Research (NICMAR)	7.07 CPI
2018	B.Tech (Civil Engineering)	Centurion University of Technology and Management	7.71 CGPA
2014	+2 Science	Sthitiprajna Jr College	51.30%
2012	High School Certificate/ Matriculation	Saraswati Sishu Vidya Mandir	66.33%

INTERNSHIP / TRAINING

Name of the Firm: R & D, Division III, Bhubaneswar

Project Domain: Office Building Construction

Designation: Intern

Duration: April 2017 to May 2017

Roles and Responsibilities:

- ✓ Reviewing the planning process
- ✓ Understanding building drawing and design
- ✓ Learning the Use of PPEs at site
- ✓ DPR preparation
- ✓ Understanding the process of reinforcement binding & fixing work.
- ✓ Learning of quality checking of concreting work.
- ✓ Checking of Shuttering work
- ✓ Monitoring daily site activity.
- ✓ Understanding Various building components
- ✓ Performing Quality Control Tests at site.
- ✓ Monitoring various construction machinery use in construction site

Name of the Firm: Generic Engineering Construction and Projects Ltd

Project Name: Lifeline

Domain: Industrial Building Construction

Designation: Planning Intern

Duration: May 2019 to June 2019

Roles and Responsibilities:

- ✓ Checking of reinforcement as per approved specifications.
- ✓ Checking of grade of concrete as per Approved Mix-Design.
- ✓ Checking of Shuttering work.
- ✓ Scheduling site activity on daily basis by using Microsoft Project and monitoring.
- ✓ Checking of foundation work and column casting activities.
- ✓ Coordinating with site in-charge to do the leveling activity and reporting.
- ✓ Record keeping of store materials.
- ✓ Creating Goods Receipt Note in ERP according to bills
- ✓ Checking of bills and data entry of all materials purchased bills in ERP record

Name of the Firm: Z Estate Pvt. Ltd., Bhubaneswar

Project Name: Tower E

Designation: Intern

Duration: February 2018 to May 2018

Roles and Responsibilities:

- ✓ Inspection of all site activities according to drawings.
- ✓ Checking of form work and shuttering work.
- ✓ Checking of all door & window sizes.
- ✓ Performing different quality control tests e.g., rolling margin test, workability test
- ✓ Stepwise inspection of the activities going to carried out.
- ✓ Checking to plastering work and materials used.
- ✓ Checking and analyzing batching plant work procedures.
- ✓ Reporting to the site in-charge.

Work Experience

Name of the Firm: Essentia Environments (P) Ltd., Gurgaon

Project Domain: Residential, Commercial & Industrial Building Interior Work

Designation: Vendor Management Executive

Duration: 15th September 2020 to 30th September 2021

Roles and Responsibilities:

- ✓ Managing Project Procurement, Material Management, Contract Management & Vendor Management of building interior design and construction activity
- ✓ Market research then preparation of SOP for vendor management, Procurement work & contract management
- ✓ Analyzing the project scope, cost and type of contract then as per the project identifying and selection of Vendor/Sub-Contractor and Negotiation
- ✓ Preparation, analysis and checking of Work order and Purchase Order
- ✓ According to the Vendor performance & evaluation new vendor selection & development for both purchase of material and construction work
- ✓ Material Stock analysis, Reporting and Inventory management
- ✓ Checking of daily site activity Measurement Sheet to analyze the actual work done at site and as per that payment to the contractors
- ✓ Coordinating with accounts and costing team for all contractor payments as per the contract

- ✓ GST number checking every vendor/sub-contractor & registration
- ✓ Organizing safety induction for all contractors before entering to the site
- ✓ Meeting & coordinating with clients, site engineers, CRMs and vendors for design changes and update
- ✓ Documentation work: Recording and maintaining required documents
- ✓ Planning, Monitoring project progress and reporting
- ✓ Directing all housekeeping and building maintenance staffs

Name of the College: Aryan Institute of Engineering & Technology, Cuttack

Project Domain: Teaching Building Construction & management and building material subjects

Designation: Lecturer (Civil Engineering Department)

Duration: 1st November 2021 to Present

Roles and Responsibilities:

- ✓ Taking Regular Classes of Diploma civil engineering students (Sub: Building Materials & Construction Technology, Geotechnical Engg, Estimation, Construction Management, Hydraulics & Irrigation Engg, Fluid Mechanics, CADD Lab etc.)
- ✓ Taking both online and offline classes of students with new and advance techniques with live examples
- ✓ Implementing new teaching strategies and techniques for improved content delivery.
- ✓ Arranging Industrial visit for all students for practical exposure
- ✓ Provide individualized instruction to all students for better clarification
- ✓ Organize various events and curricular activities to enhance the skills of students
- ✓ Demonstrating various quality tests in Lab to show students how to do quality control test
- ✓ Conducting weekly and monthly assessment tests for students' improvement
- ✓ Supervising all students for Technical seminar report preparation
- ✓ Monitoring student class performance and evaluation
- ✓ Handling other administrative responsibility in case if required

PRACTICAL EXPOSURE

- ❖ A visit to construction site of Synergy India to monitor the mega commercial projects execution & planning process, interior design work, MEP work & HVAC work, multilevel parking facility system
- ❖ A Project work on reuse of waste Ceramic Tiles on boundary walls (from initial to finishing)
- ❖ A Batching Plant visit to monitoring and analyse preparation, function and transportation of concrete.
- ❖ A visit to factory of Interlocking concrete block paver and RCC Hume Pipes to survey the construction

Research Work & Publications

- Probing the Crisis of Regional Connectivity Instigated by the Natural Disasters, Mizoram, India; Year: 2021, Journal: IJECC
- Review of the Valorization of Normalized Red Mud as Environmentally Sustainable Waste Management; Year: 2021, Journal: CJAS
- The Anthropocene Dialogues on Climate Change to Human Health of Homosapiens in India; Year: 2020, Journal: CJAST
- Hurdles & ground realities of hill road construction in NE state; Mizoram; India; Year: 2020, Journal: Gedrag Organisatie.

- Disaster Risk Reduction with Resilient Built Environment in Odisha coast, India; Year: 2020, Journal: Xidian University
- Lean Labour in AEC Industry: From Theory to Implementation; Year: March, Journal: IJRTE
- From Squatter Slums to Modelled Dwelling in Anthropocene: Bhubaneswar, India; Year: 2020, Journal: IJEAT
- GIS and Autodesk Modeling for Satellite Cities Around Bhubaneswar; Year: 2019, Journal: IJITEE

THESIS WORK

Topic & Study Area: INFLUENCE OF FACTORS ON LABOUR PRODUCTIVITY IN BUILDING CONSTRUCTION ACTIVITY IN INDIA

Objectives & Scope:

- i The main objectives of this research work are to find the different factors those are affecting labour productivity using Research paper review.
- ii The scope of this thesis work is to increasing productivity of construction work and reduce poor management, poor working conditions and poor quality
- iii Identifying the problems through questionnaire and interview
- iv Analysing poor productivity factors, affecting labours
- v To rank the factors using RII and AHP analysis method.
- vi Make suggestions as per the result, where improvement is required.
- vii This thesis work is future reference for construction management research purpose

Topic & Study Area: REHABILITATION AND RESETTLEMENT PLANNING FOR INCREASING SLUM DWELLERS IN BHUBANESWAR CITY USING GIS TECHNOLOGY AND WITH COVID-19 MEASURES

Objectives & Scope:

1. To carry out literature review for detail understanding of slum development in Bhubaneswar city in past and present.
2. To study the slum population growth in Bhubaneswar city.
3. To study the effect of COVID-19, towards slum people living in Bhubaneswar city.
4. To study and identify the infrastructure need for the slum people living in Bhubaneswar
5. To design and develop a small model colony for slum people by the help of GIS and aiming to maintain covid-19 measures.

SOFT SKILLS / COMPUTER SKILL

- ✓ Primavera (Project Management and Time Resource Management software)
- ✓ Microsoft Project (Project Management, Scheduling and leveling software)
- ✓ ArcGIS (Cloud-based GIS mapping software, digitization of map)
- ✓ Microsoft Excel (Use of pivot tables, v-lookups advance formulas)
- ✓ IBM SPSS (Software package used for interactive, statistical analysis)

KEY SKILLS

- Flexible
- Report Writing
- Vendor Management
- Negotiation
- Decision Maker
- Research & Development
- Good explanation & presentation skill
- Tendering & Contract Management
- Project Planning, Execution & Management
- Image processing and mapping through ArcGIS
- Project Planning & Scheduling through MSP
- Detailed Project Report Preparation & Presentation
- Excellent communication skills in written and verbal both

PERSONAL INFORMATION

Date of Birth : 12 November, 1996
Gender : Male
Nationality : Indian
Civil Stats : Unmarried
Languages : English, Hindi, Odia
Address : Plot no. 2343, old town, Nar
Lingaraj Temple, Bhubaneswar,
Odisha. PIN: 751002

DECLARATION

I hereby declare that the above Information is true to the Best of my Knowledge and Belief.

Date:

Place: Bhubaneswar

SASWAT MISHRA