

SUNEEL PALUKURI

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ACADEMIC BACKGROUND

Year	Qualification	University	Overall CGPA
2006 – 2010	B.Tech (Hons.) in Civil Engineering	Indian Institute of Technology, Kharagpur	7.44/10

WORK EXPERIENCE

Jindal Steel and Power Limited (JSPL), India, August 2011 to October 2011

Technical Consultant to JSPL Mozambique Minerals LDA

- Worked in Tete, Mozambique to oversee the construction of Coal evacuation road of Jindal Chirodzi coal mines using Jindal's soil stabiliser JGRS (Jindal Global Road Stabiliser)
- Responsible for project Planning, execution and quality control.

Jindal Steel and Power Limited (JSPL), India, July 2010 to till date

Designation: Junior Manager

- Part of JSPL'S three member team constituted for its start up venture, Jindal Global Road Stabiliser (JGRS), an inorganic soil stabiliser used for construction of pavement layers.
- **Handled independently** the execution of construction of pavement using the soil stabiliser at Angul site, India and handled the project successfully for two months.
- Part of the JGRS **product evaluation team and co-coordinator** for the evaluation projects awarded to IIT Kharagpur, IIT Roorkee and CRII.
- Part of the presentation team which presented JGRS product at Indian Road Congress to obtain accreditation for the use of stabiliser in Highway projects
- Prepared **Technical Brochure, Case Studies and Costing Studies** for the pavement constructed using JGRS stabiliser and was instrumental in setting up the soil testing laboratory for the company.
- Currently looking after Project planning and Pavement Design.

Kharagpur Consulting group, India, November 2008 to January 2009

Designation: Student Associate

Project Details: Bridge Maintenance policy for the state of Bihar, India.

- I wrote four modules on **Creation of Bridge inventory, Maintenance of bridge inventory, Bridge inspection and Corrective measures to be taken after inspection** for Bihar state government.

ACADEMIC ACHIEVEMENTS AND AWARDS

- Secured an all India Rank of 2578 out of 300,000 students who appeared for IITJEE (considered as one of the toughest engineering entrance exams in the world)
- Nominated for the top 3 B. Tech thesis in the department of Civil Engineering, IIT Kharagpur.
- Awarded the best graduating student award of my school in 2004.

COMPUTER SKILLS

- **Software and tools:** ABAQUS, AutoCAD, Google Sketch up, Matlab, 3ds Max, Staad Pro, MS Office, Adobe Photoshop and Flash.

TECHNICAL PROJECTS

- Numerical Modeling of **Necking failure** and Modeling of **Dent test** in mild steel barrels using FEM software ABAQUS under the guidance of **Prof. Arghya Deb** of IIT Kharagpur as my B.Tech thesis.
 - Modeled **Necking failure of thin walled mild steel barrels** varying the parameters like type of weld (lap joint, Tie etc) and varying the size and shape of corrugations on barrels.
 - Modeled **Dent test in mild steel barrels filled with water** varying the parameters like size of corrugations on barrels, thickness of barrels and depth of water in barrels.
- Planning of a Town ship for 80 duplex houses and 20 FTA houses under the guidance of **Professor S K Barai and Professor Arghya Deb of IIT Kharagpur**
 - Design of Small Township for **80 duplex houses and 20 FTA blocks** providing other facilities like community parks, Market Place, Swimming pool and a recreational complex.
 - Structural analysis and design of columns, beams and slabs of houses and FTA blocks, Design of water supply system, Sewage System and Design of the roads for the township.

POSITIONS OF RESPONSIBILITY

- **Head, Design Team of Spring Fest 2009**, the annual Social and Cultural fest of **IIT Kharagpur**, the **biggest of its kind in Eastern India**.
- Associate of **Kharagpur Consultancy Group(KCG)**, a consultancy start up by students of IIT Kharagpur.
- Sub-Head of the Events team of **Kshitij 2008**, the annual techno-management fest of **IIT Kharagpur**. Responsible for organizing all the quizzes in the fest.
- Served as a member of Academic **Advisory Committee** of the Department of Civil Engineering, IIT Kharagpur.
- **Advisor, Design Team of Megalith 2010**, the annual Technical Fest of the Department of **Civil Engineering, IIT Kharagpur**