



CURRICULUM VITAE

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Carrier Objective

To secure a challenging position in an institution ; so that i can effectively contribute and enhance my skills, knowledge and abilities as an engineering professional, possessing competent technical aspects and career development.

Profile Summary

- Worked as a lecturer in NIT Hamirpur for 4 months
- M Tech Transportation from Indian Institute of Technology Kharagpur based on Gate 2014.
- Good in public speaking with a bias for detailed explanation of topic.
- Executed various academic projects.
- Efficient in record keeping
- Abilities in handling multiple priorities, with a bias for action and a genuine interest in personal and professional development.
- Good communication skills in English.

Competitive examination results

- AIR 643 in Gate 2014, civil engineering.
- AIR 13093 in AIEEE 2007.

Skill Set

- Civil Engineering
- Transportation Engineering
- Microsoft Word
- Microsoft Excel
- Microsoft Power point
- AutoCAD
- Good communication skills in English.
- Collaboration skills
- Interpersonal skills

Educational Qualification

- First class with distinction in M Tech, Transportation Engineering, IIT Kharagpur 2016.
- First class in B Tech Civil Engineering, BIT Mesra 2011.
- AISSCE '06 from BISSS 9E, Bokaro, CBSE 2006.

- AISSE '04 from BIV 8D, Bokaro, CBSE 2004.

Work Experience

Lecturer at NIT Hamirpur from 8/8/2016 to 12/1/2017 in Civil engineering department.

I was responsible to carry out Strength of materials, CPM and PERT and Transportation engineering classes.

Strength of materials Lab and Environmental Engineering Lab

Project Summary

1. Project Name

- a. Fly ash characterization for mine voids reclamation.
- b. Scientific study on slope stability of OB benches of Tikak OCP.
- c. Development of guidelines for safe dragline dump profile under varying geo-engineering conditions in opencast coal mines of Coal India.

Role: Principal Investigator

Organization: BIT Mesra.

Team size: 4

Description:

For the disposal of fly ash in coal refineries while maintaining the permeability and dry density requirement of landfills, various test like permeability and dry density for the evaluation of optimum moisture content was done in this project. The various samples were procured from the on-site locations of various coal refineries further a detailed data analysis was done on the test results.

2. Project Name: Investigation for flexural strength and freeze thaw durability of pervious concrete samples with sand and Fly Ash modification.

Role: Principal investigator

Organization: IIT Kharagpur

Team size: 8

Description:

Procurement of various molds, materials and repair of machine for the preparation of test samples as well as the testing on samples, was managed by me this project at first place. I handled the preparation of 117 pervious concrete samples at 17 different mixes including control mix utilizing the limited man power provided by the institute through my excellent interpersonal and effective communication skills. Further the testing on the samples was carried out by me in a rapid and efficient manner, to obtain accurate results. Finally the data analysis and thesis preparation on the obtained results was done after rigorous literature review on pervious concrete.