Lilesh M Dhongadi
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Cell: +91-8766784572
Wardha, India, 442001.

Carrier Overview

Seeking a role in an innovative company where I can apply my expertise in infrastructure development. Committed to advancing my skills and contributing to organizational growth.

Professional Experience

INTERNSHIP:
Om Shivam Buildcon Pvt. Ltd., Nagpur: **(Feb 2024 – May 2024)**

JOB :
CREATION ENGINEERING PVT. LTD.,PUNE **(JUNE 2024 – Current date)**

Work

- NMC Phase 4 Concrete Cement Road.
- Checking all site work .
- Provides advice and problems solving suggestion on site.
- Supervised the project any possible issue or mistakes

Technical Skills

- Autocad
- Sketchup
- Autolevel

Project Detail & Overview

(Project No. 1)

- **EXPERIMENTAL STUDIED OF USING BACTERIA AND EPOXY RESIN MIXED IN A CONCRETE TO CHECK COMPRESSIVE STRENGTH OF CONCRETE**

Project Objective: The project aims to explore the compressive strength of concrete using mixture of bacteria and epoxy resin.

Responsibilities:

- Conduct experimental studies on epoxy resin and bacteria to check compressive strength.
- We using bacteria and epoxy resin in different percentage to calculate compressive strength in different percentage .
- Analyze the epoxy resin and bacteria are good replacement of cement or not.

Document findings and present research outcomes is the compressive strength of concrete mixed with epoxy resin and bacteria is not gives outstanding resuit and its gives us less compressive strength as cement using concrete

(Project No. 2)

- **EXPERIMENT STUDIED OF USING BACTERIA IN A CONCRETE TO CHECK HEAL REPAIRING CAPACITY OF BACTERIA**

Project Objective: The project focuses on investigating the healing capacity of bacteria when incorporated into concrete structures. This involves studying how certain bacteria strains can contribute to the self-healing of cracks in concrete by promoting mineral precipitation or microbial-induced calcite precipitation (MICP). Experimental methods, including laboratory testing and field trials, will be employed to assess the effectiveness of bacterial treatments in enhancing the durability and longevity of concrete structures. Additionally, research will be conducted to understand the mechanisms underlying bacterial-mediated healing processes and to optimize bacterial strains and conditions for practical application in construction industry**.**

Responsibilities:

- Assessing the environmental impact of introducing bacteria into concrete and monitoring any potential ecological consequences, such as changes in microbial communities or impacts on surrounding ecosystems..
- We using bacteria in concrete in different percentage 10%,20%,30% and 40% and we provide different crack on the concrete cube like 1mm,2mm,3mm and 4mm.
- Analyze the bacteria heal the crack present on the concrete cube takes how many days.
- Document findings and present research outcomes is good and 1mm crack heal in one week , 2mm crack heal in 1 month approximately , 3mm and 4mm is not heal properly.

Academic Qualification

B.Tech in Civil Engineering **: Bajaj Institute of Technology, Wardha**.(Passing Year : **2024**)
HSC Examination **(**Passing Year: **2020**) **- 67.40%**
SSC Examination **(**Passing Year:**2018) – 74.60 %**

Personnel Dossier

Name	:	Lilesh Mohanrao Dhongadi
Current Company	:	CREATION ENGINEERING PVT. LTD
Date of Birth	:	23rd **july** 2003
Languages Known	:	English, Hindi, Marathi

I do hereby declare that all the information provided above is true to the best of my knowledge and belief.

Yours sincerely,

Lilesh M Dhongadi