Gargi Dabli
GRADUATE STUDENT

In a finite seed, there is infinite capacity to grow.

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EDUCATION

Post Graduation: Structural Engineering
IIT Hyderabad

08/2021 - Present   *Pursuing M.Tech*

CGPA
- 8.5

Graduation: Civil Engineering
M.H. Saboo Siddik College of Engineering, Mumbai

08/2015 - 08/2019   *University of Mumbai, India*

Pointer
- CGPI- 8.95

Junior College: HSC
Swami Ramkrishna Paramhans Jr. College, Mumbai

06/2013 - 04/2015   *84.31 %*

School: SSC
Fr. Agnel Multipurpose School, Navi Mumbai

06/2000 - 06/2013   *90.55%*

PROJECTS

Website (Non Technical) (02/2023 - 02/2023)
- Created a Website for our research group from scratch

Evolution of Phase Boundaries in a Peridynamic Framework (01/2022 - Present)
- Study of Evolution of Phase boundaries during Phase transformation using a Non-local Peridynamic approach

Design of RCC building on Etabs (08/2020 - 09/2020)
- A group project that was done as a coursework requirement for Advanced Reinforced Concrete

Design of an RCC Building on Staad pro (06/2020 - 06/2020)
- Short Course by Creative Designers on Staadpro

Design of a skew bridge on DFCCIL project (12/2019 - 03/2020)
- Design of Prestressed skew Bridge on Staad at SMEC

Analysis of a Multi- storey Building using E-tabs (08/2018 - 05/2019)
- Software aided design of a residential building using E-tabs software.

SKILLS

ABAQUS   MATLAB   STAAD pro   E-tabs

German Language till A1

ACHIEVEMENTS

Paper Presesntation at ICRRS'19
Presented a paper titled "Detection of Damage in a Beam using Vibrational Signatures" at the International Conference on "Rehabilitation an Retrofitting of Structures", held at BARC.

Rank 4 in class
Maintained a rank among top 5 in all semesters.

Certified Yoga Teacher
Completed Teacher training course in yoga.

WORK EXPERIENCE

Research Assistant (08/2021 - Present)
Working on evolving phase boundaries using Peridynamics, under the guidance of Prof. Amirtham Rajagopal

SMEC, India (12/2019 - 07/2020)
Worked as a Graduate Engineer Trainee on Infrastructure Project- Dedicated Freight Corridor.

Structwel Designers and Consultants Pvt. Ltd. (06/2018 - 07/2018)
Student Intern

VOLUNTEER

Blood Donation Camp
Volunteered for organizing blood donation camp in college premises

Technical Events
Volunteered in technical event city ville in Tech.Fest. in College

Swatch Bharat Abhiyan
Under the country wide Swatch Bharat Abhiyan of The Prime Minister of India, cleaning of college premises, painting murals.

INTERESTS

Kathak   Trekking   Reading   Yoga