



EDUCATION

Program	Institution	CGPA/ %	Year of Completion	URL
Direct Ph.D.	IIT Madras	9.77	5 th semester is going on	Gradesheet
B.Tech	NIT Agartala (Final year done in IITM)	9.14	2020	Degree Certificate
12 th	Army Public School No: 2 (CBSE Board)	86%	2015	Marksheet
10 th	Army Public School No: 2 (CBSE Board)	9.8	2013	Gradecard

SCHOLASTIC ACHIEVEMENTS

- Secured University rank 2, in B. Tech (Civil Engineering), National Institute of Technology, Agartala. [2020]
- Selected for year exchange program at Indian Institute of Technology, Madras to pursue final year of B.Tech. [2019-2020]

INTERNSHIP AND TRAINING

- [Research Intern at Indian Institute of Technology, Madras](#)
Guide: Prof. U. Saravanan [May-July 2019]
Title: Analysis of box girder bridge in finite element software
- [Research Intern at Indian Institute of Technology, Roorkee](#)
Guide: Prof. Umesh Kumar Sharma [May-July 2018]
Title: Waterproofing of buildings and effect of waterproofing on existing as well as on newly constructed buildings.

RESEARCH INVESTIGATIONS

- Condition Monitoring of Pamban Bridge [B. Tech Thesis]**
Guide: Prof. U. Saravanan [2020]
 - Performed Static analysis of the bridge due to moving locomotive load and generated the deflection-time graph at each node of the bridge.
 - Converted the STAAD Pro model of bridge to finite element software- ABAQUS to perform dynamic analysis due to moving locomotive load over the bridge
 - Compared the on-field data of the measured stress with the computational stress data of the required members of the bridge.

TECHNICAL AND SOFTWARE EXPERIENCE

- STAAD Pro**
[CETPA Infotech Private Limited, Roorkee](#) [2017-2018]
Project: Performed Structural Analysis Of G+2 building using STAAD Pro.
- REVIT**
[CETPA Infotech Private Limited, Roorkee](#) [2017-2018]
Project: Performed 3-D modelling of building using REVIT
- AUTOCAD**
[IIHT, Roorkee](#) [2016-2017]
- ABAQUS, MATLAB and PYTHON TENSOR FLOW.**

POSITION OF RESPONSIBILITY

- Founding Member of **Entrepreneurship cell** at National Institute of Technology of Agartala.
[Overall Coordinator](#) [2017-2019]
- Organized first ever Inter NIT Entrepreneurship-Summit at National Institute of Technology of Agartala.
Overall Coordinator [2018]
- Internship and placement coordinator** at National institute of Technology, Agartala [2019]

EXTRA-CURRICULAR ACTIVITIES

- Represented National Institute of Technology, Agartala in [National Entrepreneurship challenge](#) Conducted by Indian Institute of Technology Bombay and stood **5th out of 1000** colleges in Basic Round.
- Participant of [Guinness World Record](#) "The most people folding origami sculptures simultaneously is 895".
- Organized and performed local level drama for the initiative of [Swachh Bharat Abhiyan](#) and won the best script award for that.

I hereby certify that all the information provided above is true to the best of my Knowledge.

Place: Chennai, Tamil Nadu.

Date: 29/08/2022

VAIBHAV GUPTA