The line of Technology

Roll Number: 160205007

Bachelor of Design

Indian Institute of Tochn

Indian Institute of Technology Guwahati

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Education

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Des	Indian Institute of Technology, Guwahati	7.64 (Current)	2016 - Present
Senior secondary	CBSE board	74.8%	2016
Secondary	CBSE board	8.4	2014

Projects

• Design of a Furniture for Children with Cerebral Palsy

August 2019 - ongoing

Mentor: Dr Abhishek Shrivastava

The project is in collaboration with the All India Institute for Speech and Hearing, Mysore and the Composite Regional Centre, Guwahati. The hypothesis is to develop a low-cost chair for children with Spastic Cerebral Palsy Disorder in the rural parts of India.

· Portable Smart Shelter for Homelessness

March 2019 - May 2019

The project was aimed at developing a low-cost portable shelter for homeless people specifically for one person to stay. This project was in collaboration with Swinburne University - Australia, Shamoon College of Engineering - Isreal and IIT Guwahati - India.

· Automatic Irrigation System

2014

Implemented a working device that would automatically control the irrigation of a field and could be easily adapted to suit any kind of crop grown in any agricultural field irrespective of the geography of area or soil characteristics. This device is currently in use in more than 10 farms in Namakkal region where it has been running successfully for more than 3 years with very low maintenance cost.

· Design of Public e-Vehicle Charging Unit for India

January 2018 - April 2018

Mentor: Dr Pradeep Gururaj Yammiyawar

Designed a public e-vehicle charging station considering the Indian road scenarios and other related aspects of future urban India.

• Interface Design of Public Electric Vehicle Charging Facility

January 2019 - May 2019

Mentor: Dr Pradeep Gururaj Yammiyawar

Design of an Interface of Electric Vehicle Charging Facility in the Electric Vehicle Space/Energy Station in India.

• Short Movie - Good Cop FAT Cop

October 2017- November 2016

Mentor: Sheetal Madhav Gokhale

A crime-comedy short movie with really strong scripting and screenplay. The pre-production work was given a high priority. **Movie link -** *youtu.be/NQLATCWVXNo*

• Wireless Electricity Transmission

2013

Designed a working environment of electric appliances, where the electric energy was being transmitted wirelessly.

Technical skills

- Adobe Softwares: Photoshop, Illustrator, Premiere Pro, InDesign, Lightroom, XD, Dreamweaver*, After Effects*.
- Modelling & Rendering Softwares: Rhinoceros 3D, Solidworks, Keyshot.
- · Photography & Lighting Techniques.
- · Videography & Lighting Techniques.
 - * Elementary proficiency

Positions of Responsibility

- **Head of Design** 53rd Inter IIT Sports Meet. Lead a graphic design team in branding of the 53rd Inter IIT Sports Meet, the major milestones of the team were creating a visual identity, making the logo, translating the visual identity into posters, banners, book design, art installations, and ambience of the event.
- Core Committee Member, Valley Vivace 2015 Valley Vivace is the annual inter-school academic and cultural competence of Emerald Valley Public School, Salem, Tamil Nadu. I had designed the brochures. the invitations, designed posters, and was the organizer of General Quiz, Mathematics Quiz, Mime, Dance, and Clay Modelling Competitions.
- Team Member, Campus Broadcasting System(CBS) IIT Guwahati CBS is the media body of IIT Guwahati; Organised live streaming for College's Convocation 2017, 2018; Organised 'Open Jam' LIVE music event for the campus students; Video Mixer in the live events of college's annual technical feast in year 2017 and 2018; In-charge of the photography, videography equipments.
- Organizing Member, Techniche 2017 Organised the 'Lecture Series' event of Techniche 2017 (annual technical feast of IIT Guwahati).

Achievements

- South Zone Inter School Science Exhibition: Placed in the Top 10 among 15,000+ exhibits with a cash prize of ₹10,000 in 10th Grade.
- **District School Science Exhibition:** Secured 3rd place among 1000+ exhibits in 9th Grade with a cash prize of ₹2,000.
- Pragati Award: Got the award for best improvement in academics in 10th Grade among 150+ students.

Extracurriculars

- **Distinction Rank** in Trinity GuildHall's Grade 2,3,4,5 Drum Kit Examination.
- Pass with Distinction in Cambridge ESOL International Preliminary English Test, level B2.
- **Animation Workshop:** Attended animation workshop conducted by Mr Vaibhav Kumaresh of Vaibhav Studios, Pune *2019.*
- Ply-Split Braiding Workshop: Attended a workshop conducted by Prof Errol Pires Nelson 2018.
- Participated in a Workshop on Building Simple Motors conducted by Science Olympiad Foundation - 2010.
- Participated in a **Workshop** on **Building Submarines** conducted by **Science Olympiad Foundation** *2011*.
- Volunteered Design Member of the Community Service Team, IIT Guwahati.
- Volunteered member for the Events Team of Ishanya 2019 (annual design exhibition of IITG).

Key Courses Taken

- Applied Science for Design
- Product Detailing*
- User Research Methods
- · Form Studies
- Typography and Grid Systems
- · Design Management*
 - * To be completed in Nov 2019

- Plastics and Composites
- Tangible Interfaces
- Design Evaluation Methods/Design Analysis
- Creative Furniture Design
- Cognitive Ergonomics
- · Design Research and Technical Writing