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Education

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Des	Indian Institute of Technology Guwahati	9.24 (Current)	2016 - Present
Senior secondary	CBSE board	93.4%	2016
Secondary	CBSE board	10.0	2014

Experience

• Invent@IITGn

June 2018 - July 2018

Competitively selected for an intensive six week program (Invent@IITGn, based on U.S. program Invention factory TM) in inventing, pitching, patenting. I and my partner developed a **system to enable visually impaired people navigate indoors** and wrote and **filed a provisional patent** for the same as a part of the program.

Projects

Design of an Educational Game for Visually Impaired

Jan 2019-Sept 2019

Assistant Professor, Pankaj Upadhyay

Designed and developed a board game focussed on teaching concepts of geography to visually impaired children. An iterative process was followed for game development and user testing with visually impaired was done to test the effectiveness of the game.

• Cycle Sharing System for IIT Guwahati

Feb 2018-Apr 2018

Conducted User Research and organized participatory design sessions to design a cycle sharing system for residents of IIT Guwahati. Personas were identified and insights from participatory sessions were used to design the system.

· Aakar - an educational game for children

Nov 2017

Aakar is an educational card game designed to teach concepts of geometry (more specifically, properties of 2D shapes) to children in a fun and playful manner.

Technical skills

- Modeling and Rendering softwares: Rhino, SolidWorks, Autodesk Inventor*, Keyshot
- Prototyping skills: Basic prototyping skills including working with laser cutter and 3D printer
- Adobe Suite: Illustrator, Photoshop, Premiere Pro, InDesign
- Programming skills: C programming*, Arduino programming *
 - * Elementary proficiency

Positions of Responsibility

- Core team member, Abhilasha A design workshop for school students (Feb 2019-May 2019)
- Maintenance Secretary, Dhansiri Hostel (Apr 2017-Mar 2018)
- Organizing team member, Lecture Series, Techniche the annual techno-management fest of IIT Guwahati (Oct 2016-Sept 2017)

Achievements

- International Youth Exchange Program, July 2019: Nominated by Ministry of Youth Affairs and Sports as an Indian delegate for International Youth Exchange to China.
- **Institute Merit Scholarship, 2017-2018 :** Recipient of Institute Merit scholarship which is awarded to year-wise **class toppers** of each stream.

• **Undergraduate Common Entrance Exam for Design, 2016 :** Secured **All India Rank 36** among 7000 candidates appearing for the test.

Extracurriculars

- **Saathi Club Peer Mentor, 2019-2020 :** Currently guiding a group of freshers on various aspects of academic and non-academic life to ensure their smooth transition to college.
- **Inter IIT Cultural Meet, 2018 :** Co-wrote and Co-directed a street play on spreading awareness about consumerism and fake advertising.
- First Place, Table Tennis Competition, 2017: Participated and won Intra-batch Table Tennis Competition.