Abhishek. P

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Masters in Design
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Education

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
M.Des	Department of Design, Indian Institute of Technology, Guwahati	8.47(current)	2019 - Present
B.Tech (Mech)	SRM university	6.489	2013 - 2017
Senior secondary	CBSE board	75.0%	2013
Secondary	CBSE board	9.2	2011

Experience

- **Sr Design Engineer at '*Demustango Pvt Ltd* '.**   *Nov 2018 - Jul 2019*
  Managed the design team and made design decisions critical to the project under
  ' ***Indian Oil Corporation Ltd.*** '. Designed the Robotic system for cleaning crude oil tanks
  autonomously and was involved in the testing and troubleshooting of the primary prototype.

- **ProCAE CATIA Training**   *Jul 2017 - Sep 2017*
  Learnt CATIA Intermediate level sheet and solid modelling.

Projects

- **Nature inspired design in Form and Aesthetics of products.**   *Ongoing*
  Dr. Ravi Mokashi Punekar, Dept. of Design, IIT Guwahati
  Research of nature inspired design and application of nature inspired forms and
  aesthetics in industrial design.

- **Slides: Modular wall mounted storage furniture.**   *Jan 2020*
  Dr. Pratul Chandra Kalita , Dept. of Design, IIT Guwahati
  Design and development of modular wall mounted furniture for studio apartments.

- **Haptic feedback : An exploration.**   *Oct 2019*
  Dr. Pratul Chandra Kalita , Dept. of Design, IIT Guwahati
  An exploratory project to understand the technology and the application of haptic feedback
  technology in Indian context.

- **Fabrication and testing of steam-based biomass gasifier.**   *Jan 2017*
  Mr. K.V.Sreejith, Assistant Professor, SRM University, Kattankulathur   *goo.gl/9BcWaF*
  Design and Fabrication of a fluidized bed gasifier. Analysis of the output gases from
  the steam-based gasification process.

Skills and Tools

- Rapid prototyping
- Computer aided Design
- Product visualization
- Arduino Programming*
- Wireframing

  * Elementary proficiency

- Blender 3D
- Autodesk fusion 360, Solidworks , CATIA
- Keyshot
- Rhinoceros 3D*
- Photoshop, Illustrator, Adobe XD
- Mobirise (web design)

Core Team Membership

- **Core Team Member, Media and PR Team, Ishanya 2020** (Annual Design fest of IIT Guwahati)
  Took part in the conception and execution of campaigns to be run on all media platforms.
  Participated in building team strategy and work distribution. Micro-managed sub teams and
  inter-team collaboration work.

Achievements

- **Design a New Graphics for Splendor+**
  Selected as one of top 15 designs selected as part of #HeroCoLabs Challenge #1 conducted by Hero.

Extracurriculars

- **Bangalore Mountain Festival :** Finalist in the annual Bangalore downhill mountain bike festival of 2015.

- **Holystoked collective:** Was a part of the holystoked skateboarding collective from 2014 -2016.

Key courses taken

- Design methods
- Ergonomics
- Structural Packaging Design
- Graphic design
- Collaborative Design Methods*

- Form studies
- Design Project
- New media studies*
- Design Semantics*

  * To be completed in Nov 2020