

Roll Number: 160205046 B.Des - Department of Design Indian Institute of Technology, Guwahati +91-7506084912 tejas.patil97@hotmail.com tejas.patil97@iitg.ac.in www.behance.net/tejaspatil8492

Education

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Des	Indian Institute of Technology, Guwahati	7.94 (Current)	2016 - Present
Senior secondary	ISC board	81.2%	2015
Secondary	ICSE board	85.16%	2013

Experience

• Product Design Competition - Invent @IITGN

June 2018 - July 2018

Competitively selected among all IITs for an intensive 6-week program, based on the U.S. program Invention Factory™in inventing, pitching and patenting. Designed an Electrical Fire Preventing Adapter.

- Brainstormed and conceptualized the product
- Researched and spoke with potential users and experts in the field
- Tested out multiple prototypes and made pivotal design decisions based on them
- Wrote the detailed description and the abstract of the Provisional Patent Application

Publications

• TEMPERATURE BASED SOCKET CIRCUIT TRIPPER Patent Pending

Patent Application No. 201811028277

Projects

• 3D Printed Prosthetic

Prof. Ravi Mokashi Punekar, Dept. of Design, IIT Guwahati
Designing a prosthetic using bio-mimicry that helps with post injury physical therapy and compensates the reduced strength in case of permanent damage.

· Fire Free a temperature sensing tripper

Electrical fire safety device

July 2018

Ongoing

• Tsuki - A Flat Pack Portable Table

Associate Prof. Avinash Shende, Dept. of Design, IIT Guwahati Easy to convert compact portable table designed for micro apartments. *April 2018*

Highway Rest Stop Space and Experience

Dr. Pradeep Yammiyawar, Senior Professor, Dept. of Design, IIT Guwahati Jan 2019 - May 2019

Designing the structure of a Rest Area for the Hilly specific Highways of

North East India with focus on travelers using light vehicles.

Turtle Backpack

Volume Zero Pocket Seat challenge.

February 2018

Designing a portable seat for all age groups, adaptable to different ergonomic needs experienced by the user in daily routine.

Position of Responsibility

• ISHANYA 2019 annual design show - Events Core Team Member

Technical skills

- · Sketching and Illustration
- · Product Styling and Design
- · Prototyping
- Graphics Software: Adobe Photoshop, Adobe Illustrator
- Video and Photo Editing Software: Adobe Premiere Pro*, Lightroom
- 3D Software: Rhino 3D, Luxion Keyshot, Solidworks*
 - * Elementary proficiency

Key courses taken

- · Elements of Design
- Representation Techniques
- Principles of Visual Design
- Visual Communication Theory
- · Plastics and Composites
- Design management*
 - * To be completed in December 2019

- · Visualization and Illustrations
- · Materials and Processes
- · Modelling and Simulation Techniques
- · Form Studies
- Creative Furniture Design
- Product Detailing*

Achievements

- **Volume Zero Pocket Seat 2018 Design Competition :** Secured a position in the top 50 in the International level competition.
- Undergraduate Common Entrance Exam for Design 2016: Secured All India Rank 54.

Extracurricular

- Braiding workshop: Attended a 3-day workshop on ply split braiding under Mr. Erroll Pires.
- **Automotive workshop**: Attended a 5-day workshop on automotive interior designing under Mr. Pawan Pagaria.