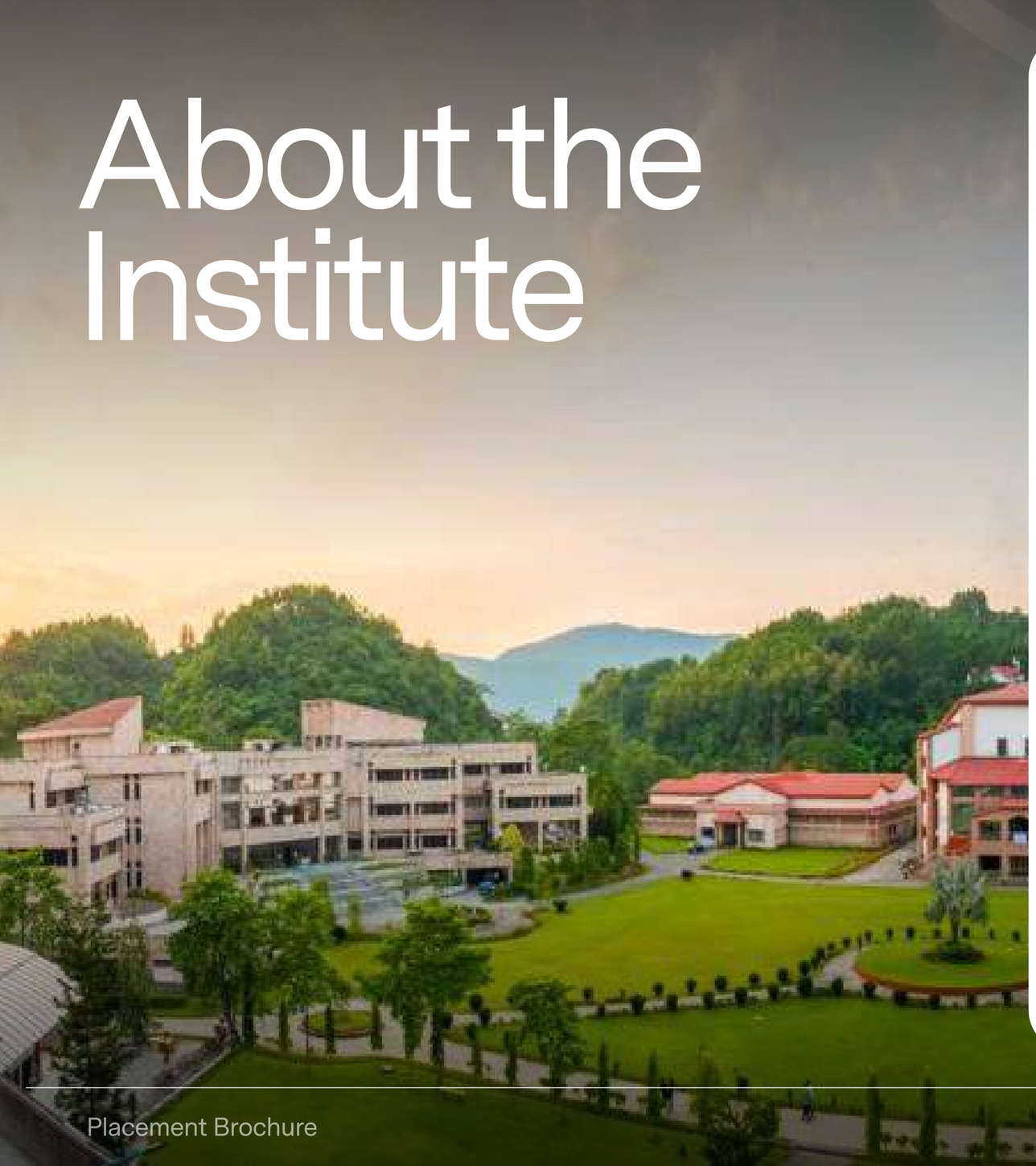
Department of Design

Placement Brochure 2025

Centre for Career Development

Indian Institute Of Technology Guwahati

About the Institute



Since 1994, when it was founded as the sixth Indian Institute of Technology, IIT Guwahati has become one of the world's most dynamic universities in technology, innovation, and research. The campus lies on a 285-hectare parcel of land on the northern bank of Brahmaputra 20km from the city centre. The curriculum and courses at IIT Guwahati are constantly changing to meet global needs and allow students to explore their interests.

The Institute offers B.Tech, B.Des, MA, M.Des, M.Tech, MS(R), MBA, M.Sc, and Ph.D programmes in 11 Departments, 9 Centres, and 5 Schools in all major engineering, science, and humanities areas. Our students can broaden their studies with a 'Minor' degree, open and interdepartmental electives, audit courses, and inter-disciplinary research.

The institute's state-of-the-art laboratories and National Centres of Research have made it a hub for research and technical education.

Apart from world-class research, the faculty prepares students for professional problems by teaching them their fields conceptually. It also helps students participate in worldwide projects, which helps them become pioneers and leaders.

IIT Guwahati has MoUs (Memoranda of Understanding) with top international institutes for semester-based student-exchange programmes and summer internships, boosting global integration and broadening our students' perspectives.

In their holidays, students intern in industrial, managerial, and research fields at top international corporations and research labs, contributing greatly. The institute provides excellent extracurricular opportunities to help students develop holistically.

NATIONAL INSTITUTIONAL RANKING FRAMEWORK

07 Engineering Ranking

09 Overall Ranking 2023

09 Research Category 2023

QS WORLD UNIVERSITY RANKINGS

032 QS World Ranking by research citation per faculty 2024

365 QS World Ranking

THE IMPACT RANKINGS 2021

07 Engineering Ranking

Prof. Devendra Jalihal

Director, Professor

Director's Message

Indian Institute of Technology Guwahati was established in 1994 by an Act of Parliament. The academic programme started with 65 students in three undergraduate programmes in 1995. The Institute is growing steadily and the total number of students in eleven departments, nine academic centres and five schools in numerous undergraduate and postgraduate programmes is now around 8600. The Institute has excellent infrastructure for the all round development of its students.

The Institute has a very good Lakshminath Bezbaroa central library which provides library and information services to support teaching, learning, research activities by creating state-of-the- art facilities. The library is a window to world of latest information in sciences, engineering, technology, humanities & social sciences with a fast growing collection of books, journals, magazines both in print and digital format. It is housed on a four-storey building having a floor area of about 7500 sq. meter.

In-house services of the library are fully computerized and wi-fi facility is provided within library building for connecting to internet and accessing Institute's electronic resources. The sports facilities of the Institute are of international standard. The students graduating from this institute are motivated, bright, and very eager to perform after they graduate.

IIT Guwahati has extensive facilities for cultural and creative activities too. For example, Technical Board promotes technology, creativity and innovation. IIT Guwahati helps in shaping up the bright minds with proper perspectives. IIT Guwahati hosts two supercomputing facilities PARAM-Kamrupa, 838 TF & PARAM- ISHAN, 250TF, to carry out research activities in various scientific domains including forecasting weather and climate, bioinformatics, computational chemistry, molecular dynamics, artificial intelligence (AI) and machine learning and especially data science etc.

Because of the excellent performance of the students of IIT Guwahati in all the fields of study and research, guided by the dynamic faculty members and with full support of the non-teaching employees, IIT Guwahati could feature in the coveted list young universities (under 50 years of age) of the world selected by the Times Higher Education (THE) magazine.

IIT Guwahati is the only Indian entry to this elite list. IIT Guwahati continues to maintain its superior position even today in various International and national Rankings. IIT Guwahati gained rank 32 globally in the 'Research Citations per Faculty' category and overall 364 rank in the QS World University Rankings 2024 released recently.

IIT Guwahati has retained the 7th position among the best engineering institutions of the country in the 'India Rankings 2023' declared by the National Institutional Ranking Framework (NIRF) of the Union Ministry of Education. IIT Guwahati has been also ranked 2nd in the 'Swachhata Ranking' conducted by the Govt. of India. IIT Guwahati has been ranked as the top-ranked University in 2019 for IT developers by HackerRank in the Asia-Pacific region.

Also, IIT Guwahati ranks 6th globally in Sustainable Development Goal 7 (Affordable and clean energy) of the Times Higher Education Impact Rankings 2023. I cordially invite all prospective employers to visit IIT Guwahati and to participate in the on-campus placement and internship processes.
With Best Wishes,
Prof. Devendra Jalihal.

Dr. Lalit Mohan Pandey

Head of Center, CCD

Message of Head

IIT Guwahati entered the elite list of the top 100 young universities of the world under 50 years in 2014. It is the best ranking for any Indian institute in the world university rankings. IIT Guwahati has been ranked 7 under the 'Engineering' category in the NIRF 2023 Ranking. IIT Guwahati gained rank 32 globally in the 'Research Citations per Faculty' category and overall 364 rank in the QS World University Rankings 2024. At this moment of pride and happiness, I take this opportunity to welcome you all.

In a short duration of over two decades, IIT Guwahati has been able to develop world-class facilities and resources. We are well recognized for our research and teaching facilities in India and abroad. IIT Guwahati has a vibrant academic ambience with a total student population of about 8600. There are eleven academic departments, five schools and nine interdisciplinary centres. The undergraduate programmes include B.Tech and B.Des. while postgraduate programmes comprise M.Tech, M.Des, MS(R), M.Sc., MA and MBA.

In a short duration of over two decades, IIT Guwahati has been able to develop world-class facilities and resources. We are well recognized for our research and teaching facilities in India and abroad. IIT Guwahati has a vibrant academic ambience with a total student population of about 8600. There are eleven academic departments, five schools and nine interdisciplinary centres. The undergraduate programmes include B.Tech and B.Des. while postgraduate programmes comprise M.Tech, M.Des, MS(R), M.Sc., MA and MBA. In addition, all the academic departments/ centres/schools offer PhD program.

Our students have continuously been able to display excellent potential and skill in their fields of academics and extra-curricular activities. Many of the students have visited foreign universities of repute to widen their knowledge and experience. The IIT Guwahati alumni are showing excellence in their respective fields. It is worth mentioning that recruiters from varied fields have responded very enthusiastically and rated our students very high. Their abilities are well attested by the excellent reports we receive from the recruiting companies.

We provide continuous support to the graduating students registered for placement by offering information and guidance. The Centre for Career Development (CCD) centrally handles all aspects of campus placements for graduating students. CCD looks after all the necessary activities for their placement. We have the required infrastructure to conduct parallel placement sessions, pre-placement talks, written tests, motivational talks, excellent accommodation arrangement in the guest house, etc., to organize campus hiring activities. Pre-final year undergraduate and postgraduate students participate in short-term (up to ten weeks) as well as long-term association (six months) internships. CCD also organizes regular training sessions, webinars and seminars for students on soft-skill development.

Our CCD team take this opportunity to invite your esteemed organization to visit our campus for the recruitment of our students. It will be a great privilege for us to welcome you at the IIT Guwahati.

Thanks for your kind cooperation.

With Best Wishes,
Dr. Lalit Mohan Pandey.

Dr. Sougata Karmakar

Head of Department, DOD

Message of Head

It gives me immense pleasure to introduce our B.Des. (Bachelor of Design) and M.Des (Master of Design) students of 2024 batch. Our vibrant and diverse community of students, faculty and staff at the Department of Design of the Indian Institute of Technology Guwahati, are dedicated to the pursuit of excellence, transforming passion for learning, discovery, and problem solving into perfection in an efficient, interdisciplinary collaborative environment. Creativity and leadership are hallmarks of the Department of Design, cultivated in the great foundations of its B.Des. (Bachelor of Design) and M.Des (Master of Design) curricula.

Beyond the core curriculum, these most intellectually curious students who choose the department as their academic home find the broadest spectrum of specialties, to forge their own path from among our majors, minors and electives. Classes infused with personalized attention, team work in collaborative learning, inquiry based experiential studio, research centric teaching methodologies, hands on career training, and local community engagement, all preparing our students for a dynamic future, into myriad of design careers in a global society. Opportunities for learning beyond the classroom also abound. A wide range of meaningful activities and experiences are designed to build and shape the future success of potential, promising students for novel and challenging design domains in industry, research, academics and society.

Our students take pride in a robust extracurricular community, with student led businesses, clubs, publications, advocacy groups, sports teams, and spiritual groups all thriving on a state of the art campus. In keeping with the ideal of cura personalis, care of the whole person, the department has invested immensely in student life.

As a result, our students grounded in a comprehensive education, core knowledge and skilled expression of complex ideas that today's employers want from prospective hires, are very desirable candidates in high ranking professional workforce. Studentships nourished at the department, create a lifetime sense of belongingness amongst our alumni, who continue to contribute in engaging and generous ways. The Department of Design takes pride in the many outstanding achievements of our alumni in innovation and entrepreneurship, research and service, to institutions of excellence, both locally and globally.

I am hereby welcoming you to your participation in the placement process at IIT Guwahati in shaping the future careers of our students, that together, we can make a difference, improving the world through their innovations and solutions to life's most pressing challenges.

With Best Wishes,
Dr. Lalit Mohan Pandey.

Faculty of Design

Prof. Sougata Karmakar

Professor

Physical Ergonomics, Virtual Simulation, Cognitive Ergonomics

Prof. Amarendra Kumar Das

Professor

Industrial Design, Rapid Prototyping, Design for Disabled

Prof. Utpal Barua

Professor

Graphic Design, Design Drawing and Visualization, Visual Design

Dr. Manoj Majhi

Associate Professor

Animation, Cartooning, Special Effects

Prof. D. Udaya Kumar

Professor

Visual Communication, Typography, Graphic Design

Dr. Keyur Sorathia

Associate Professor

Human Computer Interaction, Virtual Reality, Novel Interaction Methods

Dr. Mriganka Madhukailya

Assistant Professor

New Media Studies, Communication Design, Speculative Design

Shareka Iqbal

Assistant Professor

Architecture Design, Lighting Design, Parametric Modelling

Dr. Sharmistha Banerjee

Assistant Professor

Design for Sustainability, Dic-inspired Design, Medical Product Design

Faculty of Design

Dr. Abhishek Singh

Assistant Professor

Automotive Design, Product Design, Graphic Design

Dr. Pankaj Upadhyay

Assistant Professor

Industrial Design, Design for Social Innovation, Embodiment Design

Dr. Sheetal Gokhale

Assistant Professor

Graphic Design, Animation, Film & Visual Scripting

Dr. Abhishek Shrivastava

Assistant Professor

Interaction Design, Speech User Interfaces

Prof. Pratul Chandra Kalita

Professor

Design Management, Design Methods, Design for Development, New Media

Dr. Supradip Das

Assistant Professor

Product Design, Toy Design, Furniture Design

Dr. Urmi Salve

Associate Professor

Human Factor Engineering, Ergonomics, Research Methodology

Dr. Debayan Dhar

Associate Professor

Human Computer Interaction, User Experience Design, Usability Engineering

Dr. Shakuntala Acharya

Assistant Professor

Design for Education, Problem-based Learning, Sustainable Smart Cities

Faculty of Design

Dr. Ajeet Kumar

Assistant Professor

Additive Manufacturing, Advanced Product Design, Biomimetic Design

Dr. Santosh Jagtap

Associate Professor

Creativity and Problem Solving, Product Service Systems, User Experience Design

Prof. Prabin Kumar Bora

Professor on Contract

Electronic Product Design, Image Processing, Computer Vision

Design Labs

Proto Lab

Dr. Supradip Das

Usability Engineering Lab

Dr. Debayan Dhar

Visual Communication Studio

Pr. D. Udaya Kumar and Dr. Sheetal Gokhale

Embedded Interaction Lab

Dr. Keyur Sorathia

Ergonomics Lab

Prof. Sougata Karmakar

Sustainability & Social Innovation Lab

Dr. Sharmistha Banerjee

Visualization Lab

Prof. Utpal Barua

Fine Mechanics Lab

Prof. Amarendra Kumar Das

Automotive Styling - Lab

Dr. Abhishek Singh

Design Labs

Multimedia Animation & Mobilization Lab

Dr. Manoj Majhi

Design for Additive Manufacturing & Innovation

Dr. Ajeet Kumar

Bamboo Studio

Dr. Supradip Das

New Media Lab

Dr. Mriganka Madhukailya

Design Future Studio

Dr. Abhishek Shrivastava

Design & Technology Management Lab

Prof. Pratul Chandra Kalita

Bachelors in Design

Batch of ‘25

60 Students

Masters in Design

Batch of ‘25

32 Students

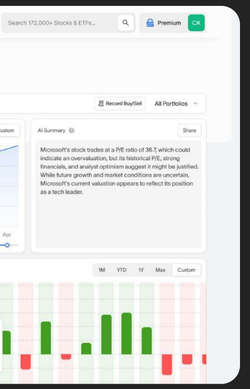
Masters in Electronic Product Design

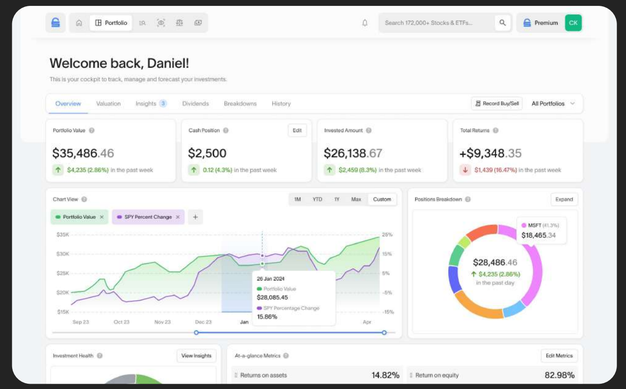
Batch of ‘25

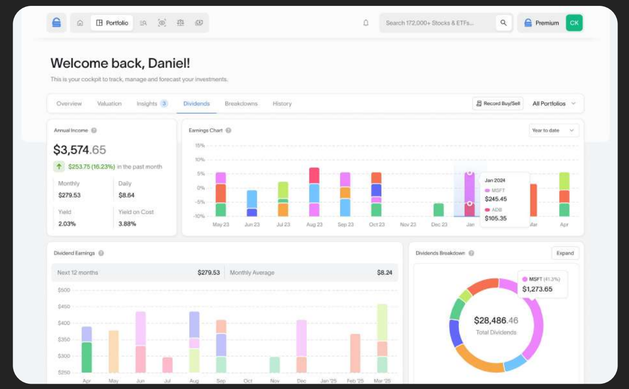
25 Students

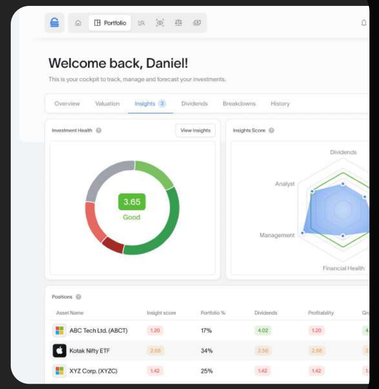
UX/UI & Interaction Design

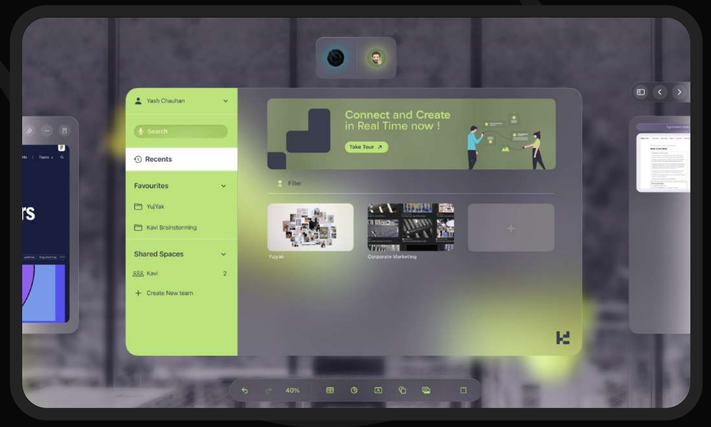
Showcase from batches of ‘25, ‘26 and ‘27

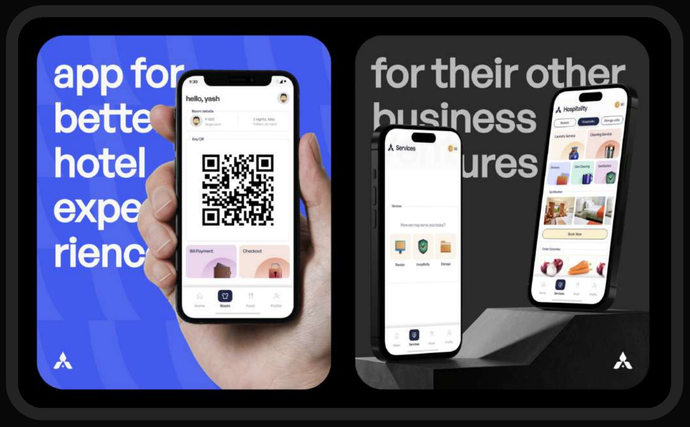


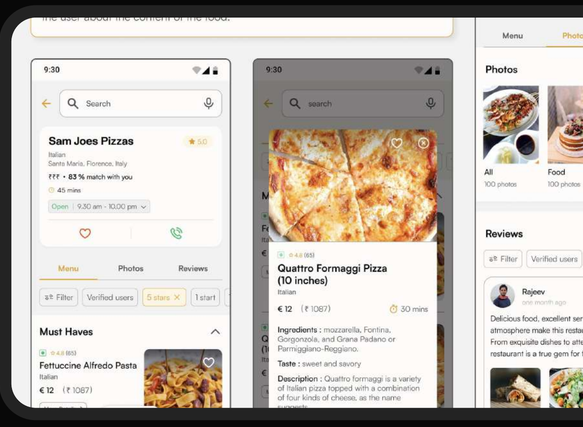






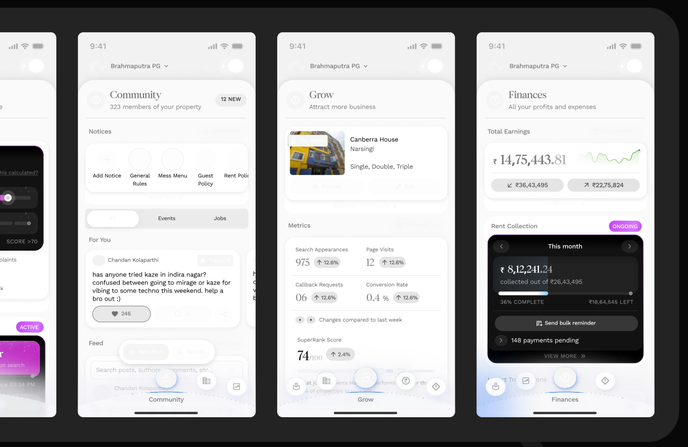


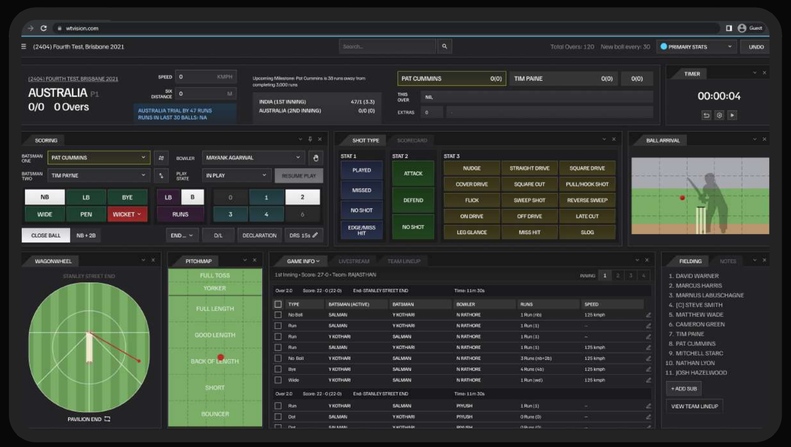


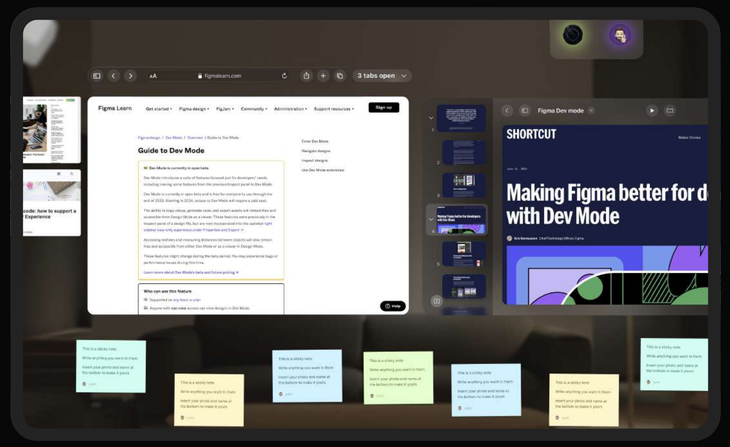


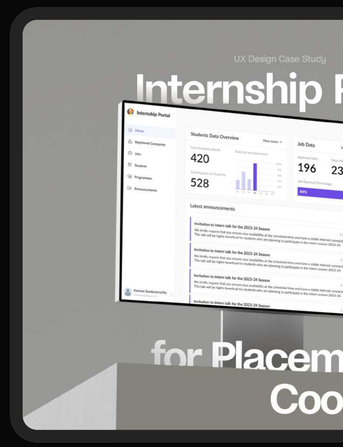
UX/UI & Interaction Design

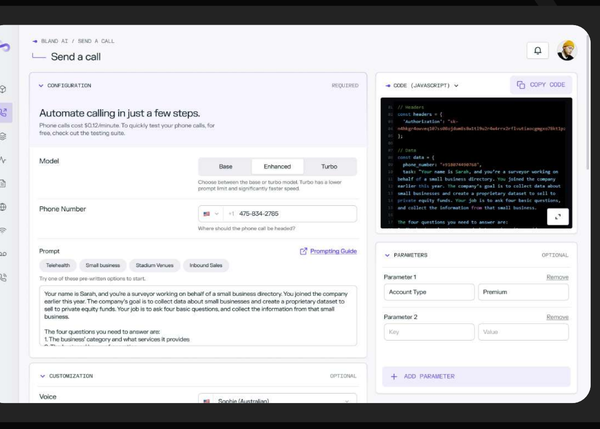
Showcase from batches of ‘25, ‘26 and ‘27

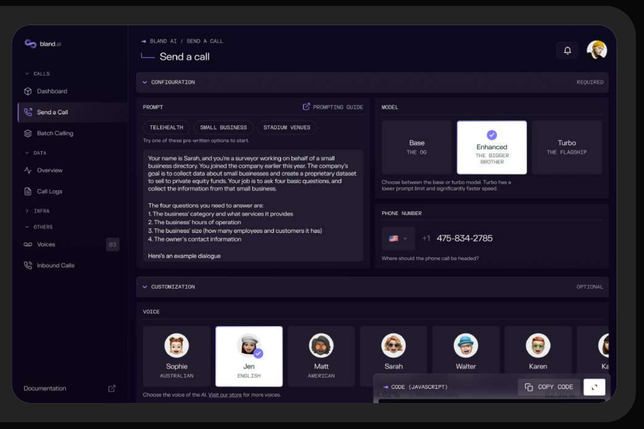


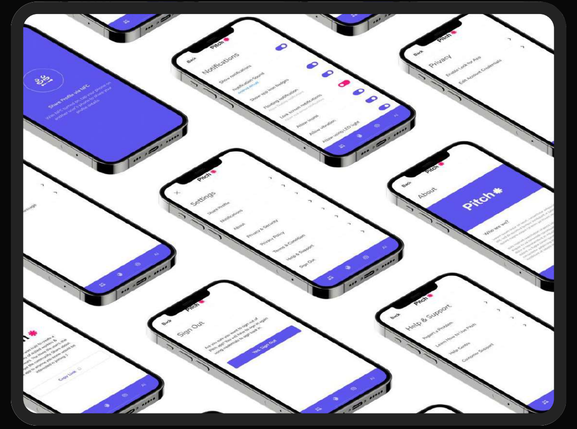


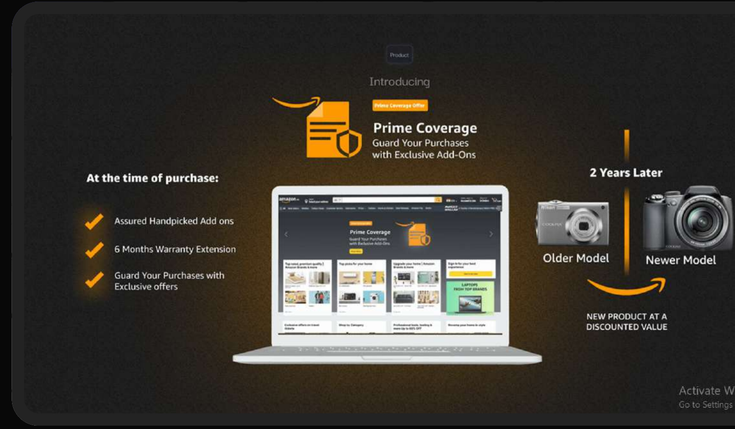






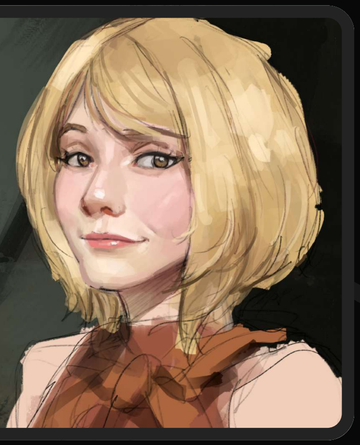


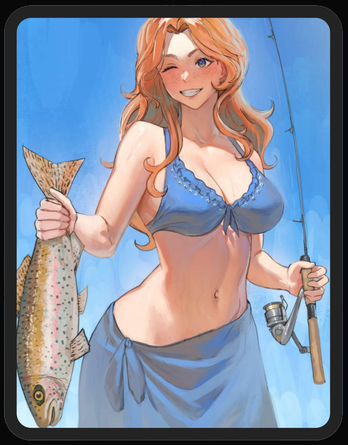
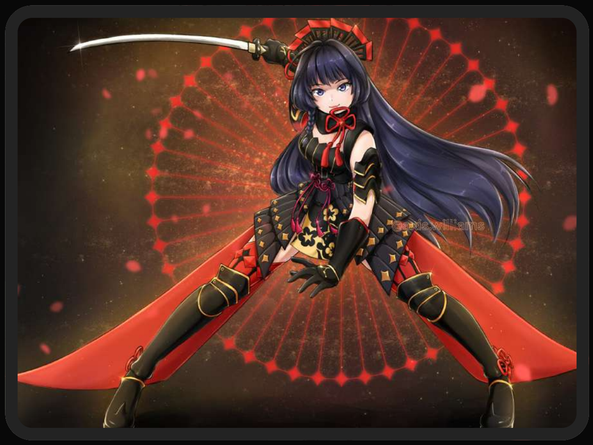


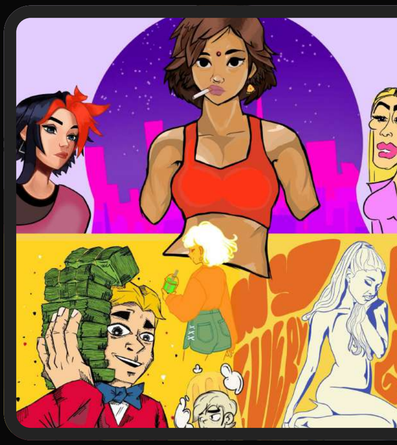
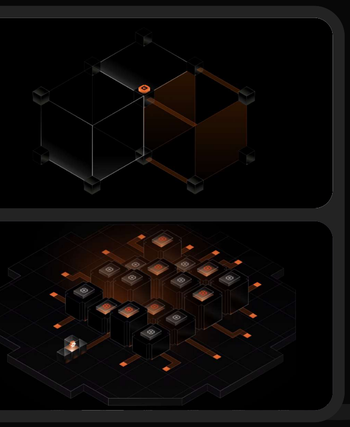
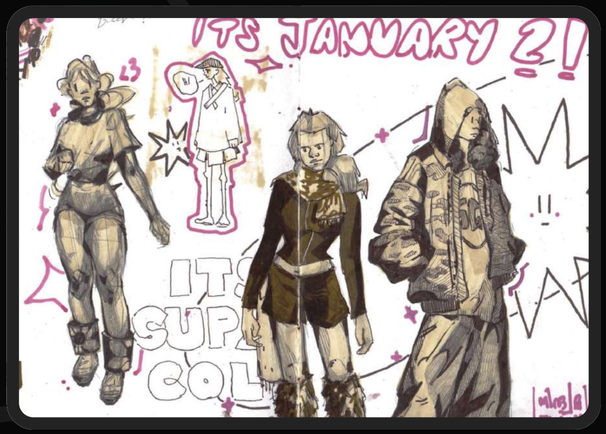


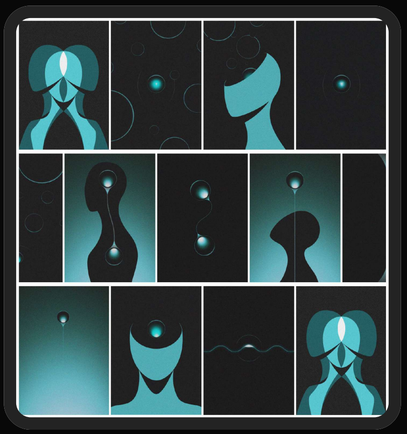
Visual Design/Illustration

Showcase from batches of ‘25, ‘26 and ‘27



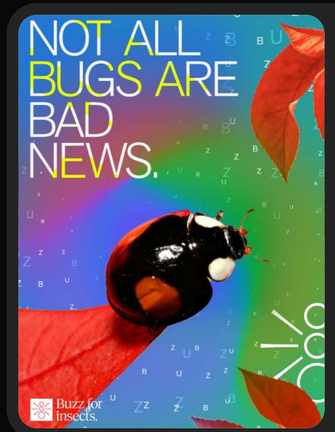





Graphic Design

Showcase from batches of ‘25, ‘26 and ‘27



Graphic Design

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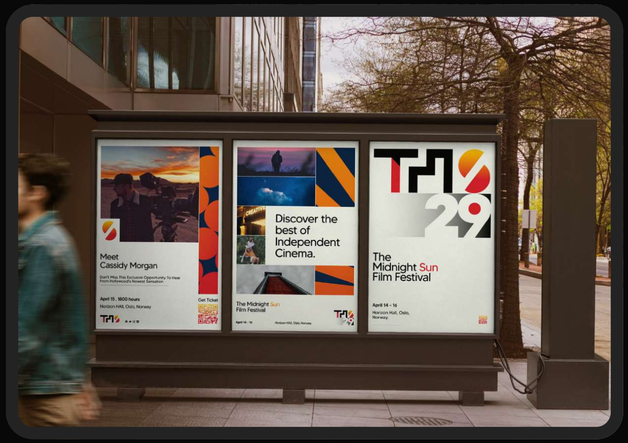
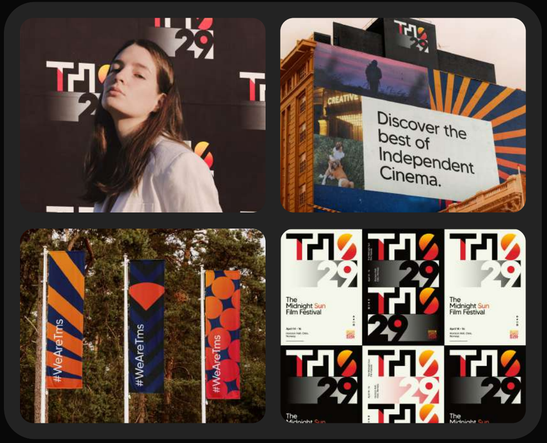
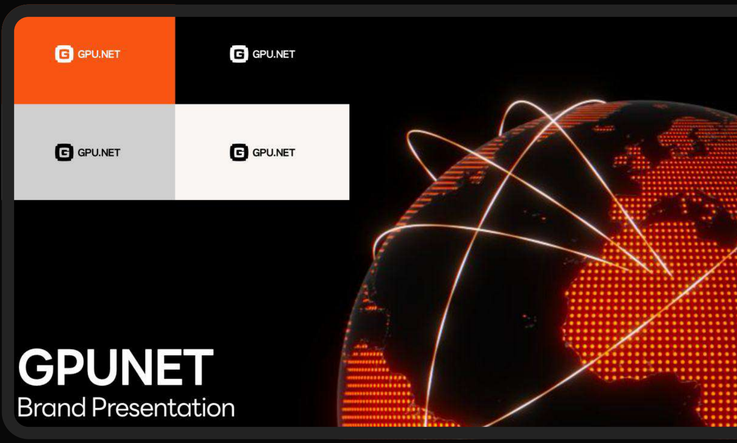
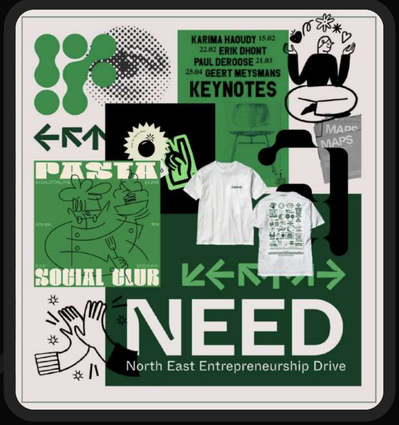
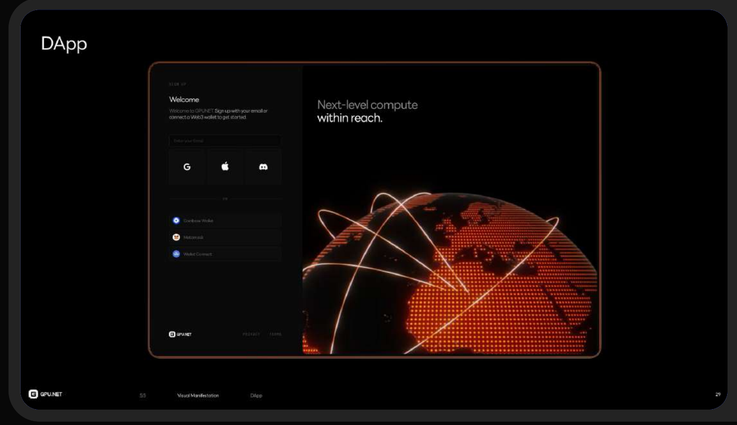
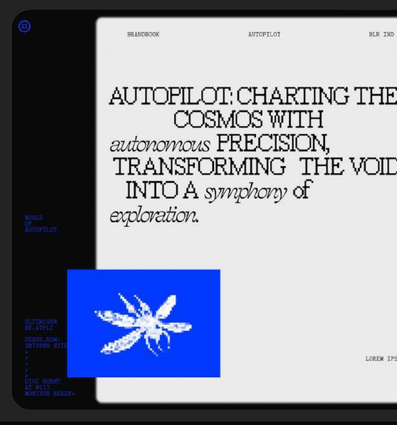






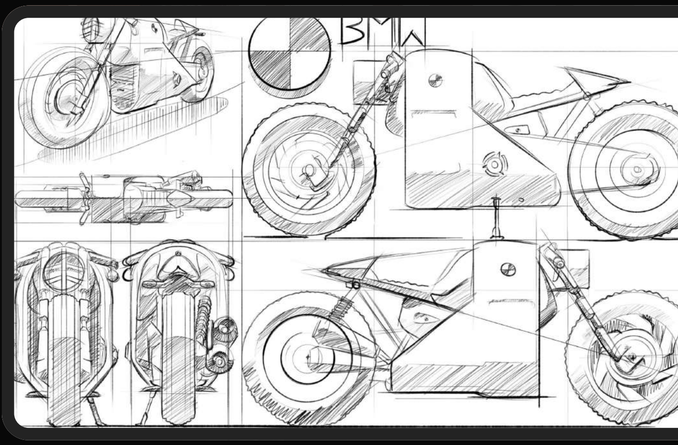


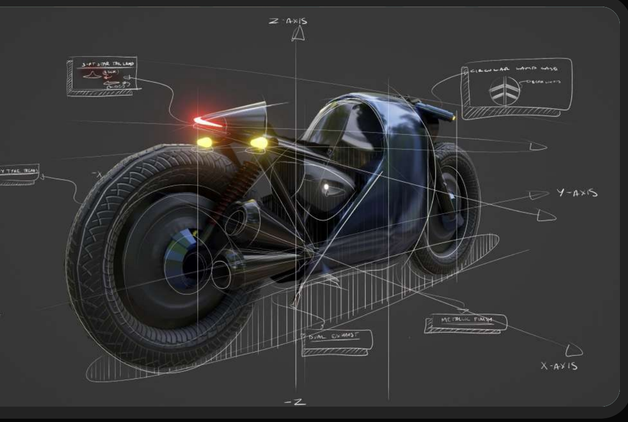


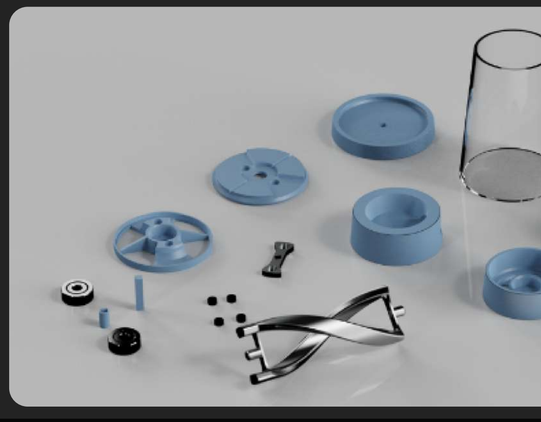


Industrial & Automobile Design

Showcase from batches of ‘25, ‘26 and ‘27

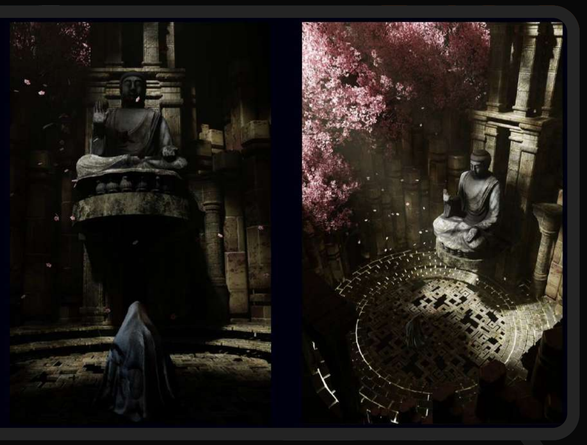


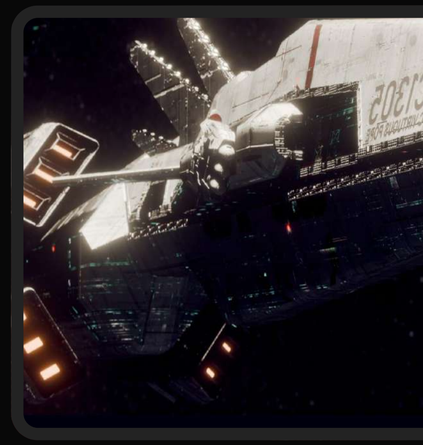




3D

Showcase from batches of ‘25, ‘26 and ‘27





Curriculum Bachelors in Design

B.Des - Year 1

- *Introduction to Design*
- *Representation Techniques*
- *Elements of Design*
- *Applied Science for Design*
- *Tinkering Studio*
- *Electrical Sciences*
- *Engineering Drawing*
- *Sports and Games/ Performing Arts I*
- *Form, Order and Structure*
- *Principles of Visual Design*
- *Visualization and Illustration*
- *Introduction to Computing*
- *Computing Laboratory*
- *Basic Electronics Laboratory*
- *Engineering Mechanics*
- *Sports and Games/ Performing Arts II*

B.Des - Year 2

- *Introduction to Design*
- *Elements of Drawing*
- *Materials and Processes*
- *Photography and Videography*
- *Digital Imaging*
- *Design Drawing and Illustration Techniques*
- *Introduction to Design*
- *Elements of Form*
- *Plastics and Composites*
- *Fundamentals of Ergonomics*
- *Modelling and Simulation Techniques*
- *Graphic Representation Techniques*
- *Introduction to Graphic Design*
- *Introduction to Ergonomics*

Curriculum Bachelors in Design

B.Des - Year 3

- *Introduction to Interaction Design*
- *Design Methodology*
- *Design Analysis*
- *Product Design Modeling and Simulation*
- *Graphic Design Studio*
- *Design Project*
- *Physical Computing*
- *Product Analysis*
- *Indian Symbology and Communication*
- *Photography Basics*
- *Product Design*
- *Applied Ergonomics*
- *Design Ergonomics*
- *System Approach to Design*
- *Art Design and Society*
- *Animation Fundamentals*
- *Fine Mechanics and Movements*
- *Tangible Interfaces*
- *Instructional Design and Multimedia*
- *Digital Media in Design*
- *Digital Media in Design*
- *Elements of Videography*
- *Animation Fundamentals*
- *Product Planning and Strategy*

B.Des - Year 4

- *New Media Studies*
- *Design Project I*
- *Design Project - Phase I*
- *Media Study and Analysis*
- *Advanced Manufacturing and Processes*
- *Interactive Communication Project*
- *Furniture Design*
- *Design Management*
- *Design Management and Professional Practice*
- *Project Phase II*
- *Design Seminar*
- *Interdisciplinary Design Project*
- *Design Exhibition Project*
- *Project I*
- *Project II*

Curriculum Masters in Design

M.Des - Year 1

- *Design: An Introduction*
- *Visual Design: Principles and Applications*
- *Ergonomics*
- *Design Methods*
- *Form Studies*
- *Graphic Design*
- *Design Project*
- *Product Design Prototyping & Advanced Manufacturing*
- *Interaction Design*
- *Creativity Innovation and Design Management*
- *Collaborative Design Methods for New Product Development*
- *New Media Studies*
- *Lighting Design*
- *Typography*
- *Digital Human Modeling and Simulation in Product*
- *Automobile Design*
- *Representation Techniques for Animation*
- *Tangible User Interfaces*
- *Ergonomics of Industrial Manufacturing*
- *System Design for Sustainability*
- *Graphic Design Studio*
- *Introduction to Toy Design*

M.Des - Year 2

- *Usability Engineering*
- *System Analysis and Information Design*
- *Information Visualizations & Storytelling*
- *Strategic Design Management*
- *Design for Development*
- *New Media Design*
- *Problem Based Learning*
- *Environmental and Experimental Design*
- *Creativity and Innovation*
- *Product Detailing*
- *Thesis Project*

Curriculum Masters in Electronic Product Design

M.Des Electronic Product Design - Year 1

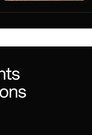
- *Introduction to Industrial Design*
- *Product Design Methods*
- *Image Processing with Machine Learning*
- *Biomedical Devices*
- *Design of Embedded Systems*
- *Basics of Digital Signal Processing*
- *Pattern Recognition and Machine Learning*
- *IoT Enabled Smart Grids*
- *Bio signals in medical device design*
- *Fundamentals of Sensors and their Applications*
- *Ergonomics in Product Design*
- *Rapid Prototyping and Development*
- *Interaction Design*
- *Product Form and Structures*
- *Design for Environmental Sustainability*

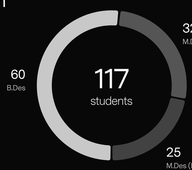
M.Des Electronic Product Design - Year 2

- *Thesis Project (Phase I)*
- *Expert Workshop*
- *Elective III*
- *Problem Based Learning*
- *Thesis Project (Phase II)*

Students Pool for Design

- B.Des.
- M.Des.
- M.Des. (EPD)





Achievements & Recognitions

- Won **IF Design Awards (2024)** for designing **"Biodegradable Toothbrush"** to tackle plastic pollution.
- Won a **Silver medal at Inter IIT Tech 2024** due to contributions in product strategy and design.
- Finalist in **Taiwan International Student Design Competition (2023)** in product Design category
- Finalist (Top 4) in **Salesforce Design Challenge (2023)** "DesignDay"

Why IIT Guwahati design?

- Designs have been viewed over 100 million times worldwide by over 2.5 million people.
- Has worked with renowned personalities such as Bram Cohen and Gene Hoffman.
- Has branded the agency behind India's first virtual influencer.
- Has worked with multiple Y-Combinator backed companies handling end-to-end design.

Placement Procedure

1. **Invites** are sent to organizations with relevant information.
2. Company **registers** on requested the online placement portal.
3. Company fills the **Job Application Form** (JAF).
4. The **application form** is made online to the eligible students.
5. **Companies visit** the **campus** on the allotted dates to conduct **assessments/ Interviews**.
6. **Company finalises** the list of **selected students** and coordinates with CDCs regarding the **offer letters**.
7. **Companies visit** the **campus** on the allotted dates to conduct **assessments/ Interviews**.
8. The **resumes** of all students become available to the company and they are able to **shortlist** them.
9. The company conducts a **Pre Placement Talk** if interested.

Understanding the Jargon

PPT: Pre Placement Talk

A Pre Placement talk is conducted by the company to the possible campus hires, usually in the form of a presentation followed by a Q&A. The presentation can include an introduction to the company, showcasing the work culture, an introduction to the intern program, an explanation of benefits, and other relevant information regarding the internship or placement position offered. These talks are crucial for students as they help them make a decision when it comes to filling out the preference form.

JAF: Job Application Form

A Placement Application Form is a primary document to be filled out by the company, it is used to register a particular role to be offered during the internship/ placement hiring season. The form contains Placement Details, Eligibility, Salary details, selection processes, contract details, and other relevant details. This form serves the information required for the CCD to host the hiring drive for that specific role.

Past Recruiters

D E Shaw & Co, accenture, ORACLE, Adobe, Microsoft, salesforce, Google, Uber, SAMSUNG, Deloitte., IBM, DevRev, Flipkart, Infosys, Razorpay

Past Recruiters

ThoughtSpot, makemytrip, ENPHASE, HCL, Myntra, ATLASSIAN, Myntra, Gainsight, BCG, Narayana Health, McKinsey & Company, amazon, cisco, sprinklr

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