ADMISSIONS 2025-26

MASTER OF DESIGN

Integrated Product Design

School of Interdisciplinary Design and Innovation

भारतीय सूचना प्रौद्योगिकी अभिकल्पना,
एवं विनिर्माण संस्थान, कांचीपुरम

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY,
DESIGN AND MANUFACTURING, KANCHEEPURAM

An Institute of National Importance established by the Ministry of Education, Government of India.

http://www.iiitdm.ac.in/ admission@iiitdm.ac.in

About us

Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram (IIITDM, Kancheepuram), setup by the Ministry of Education in 2007 is as an Institute of National Importance with a vision to promote creative and knowledge intensive products and processes in the manufacturing sector. It is located in the proximity of the industrial clusters in Chennai and UNESCO heritage sites such as Mahabalipuram and Kancheepuram. IIITDM Kancheepuram offers B.Tech, Dual-degree, MTech and Ph.D programmes in Computer Science and Engineering, Electronics and Communication Engineering, Mechanical Engineering along with M.Des/Ph.D in Integrated Product Design. IIITDM Kancheepuram has secured 8th rank in the NIRF innovation ranking 2023 category.

School of Interdisciplinary Design and Innovation (SIDI)

The School of Interdisciplinary Design and Innovation (SIDI) was created in November 2020 to give thrust to the design-centric education mandate of IIITDM Kancheepuram. SIDI draws its motivation from two major developments that have impacted the education sector in the year 2020 –the fault-lines in the prevalent teaching/faculty-centric model of education and the National Education Policy 2020 that created possibilities for developing new student- centric networks of learning and innovation.

SIDI offers programs in Product Design at multiple levels. Undergraduate students are offered a series of courses called Design Spine and a Minor in Design while at Postgraduate level a Masters in Design course is offered in Integrated Product Design.
SIDI also offers a PhD in Integrated Product Design. All the courses and programs are carefully curated to promote the spirit of learning by doing and promote student-led innovation through vertical integration across the semesters. SIDI programs are periodically reviewed and guided by a Design Advisory Council comprising eminent and leading design experts from the academia and industry.

M.Des. in Integrated Product Design

The purpose of M.Des. program in Integrated Product Design is to produce design leaders who have the courage and confidence to identify, and resolve paradoxical challenges through creative, smart and contextually relevant products.

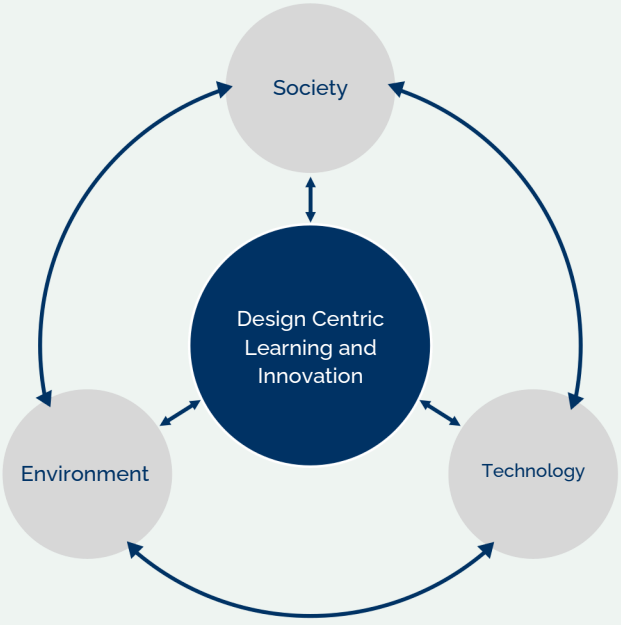
Program objectives

- To nurture curiosity, aesthetic sense, creative confidence, and self-driven learning.
- To cultivate critical thinking, socially conscious and environmentally responsible behaviours.
- To develop the courage and ability to lead change and demonstrate design leadership.
- To encourage product innovation in areas that can lead to Atmanirbhar Bharat.

Key principles informing curriculum design

Integration of Learning and Innovation

- A two-week foundation course at the beginning of the program to help students rediscover their creative selves, set goals, and take ownership of their learning.
- The program lays strong emphasis on experiential learning with the courses guiding and allowing students to practice the theory taught. Whole-body engagement through sketching, model making, and reflexive narratives helps to cultivate the qualities of presence, responsiveness, and improvisation in a context.



- There exists a choice for students to either dive into depth or widen the breadth of their areas of interests.
- Vertically integrated projects across semesters to encourage product innovation with a scope to incubate products in MaDeIT Innovation Foundation.

Integration of design with technology, society and environment

Exposure to digital tools and AI for generative designs, emerging technologies (Kinetic Art, Electric Vehicle, Wearables, Context-Aware), Strategic Management of Design & Innovation and Sustainable Product-Service Systems.

Curriculum

The two year program is conducted in 4 semesters as shown below.

1 22 credits | July '25-Nov '25

Foundation Course
Design, Technology and Society
Design Research
Aesthetic, Form and Sketching
Material Selection for Design
Design Realization
Visual Communication Design

Concept Design Project

2 23 credits | Jan '26-May '26

Human Factors and Ergonomics
Quality & Reliability
Bio-inspired Design
Interaction Design
Digital Sketching and Modeling
Elective 1
(Auto-EV, Kinetic Art, Medical Devices, Graphics)

Embodiment Design Project

3 22 credits | June '26-Nov '26

Strategic Management of Design and Innovation. (Online)
Sustainable Product Service Systems (Online)

Internship Project

4 23 credits | Jan '27-May '27

Elective 2
(Wearables, Non-invasive, Simulation Driven Design & Animation)
Elective 3
(Maths for Designers / Model based systems engineering)

Final Project

The courses in the first two semesters are designed to aid the concept and embodiment design projects of the students. The course delivery will be coordinated by faculty to ensure that they add value to the students and their projects. The courses will also be augmented by a series of workshops with external experts. The students will be encouraged to leverage the power of digital tools from the second semester.

As a policy, the school will encourage students to mix and match open-source tools.
An overview of industry grade tools will be provided through workshops. The vertical specific electives will help the students understand practices in specific industries of interest. A full semester internship provides an option for the students to experience product development in the industry or develop their own product/startup or work on faculty-led products. Internships will be co-supervised by the faculty.

The evaluation process will include class assignments, project reviews by industry mentors and an external jury, and reflection on their experience and theoretical concepts. The assessments will look into the ability of the student to produce highest quality of work with available tools. The internship report will require the student to reflect on his/her participation and the process of product development in the chosen context. The final project evaluation will not only assess the product prototype, but also a thesis where the student is expected to reflect on his/her experience in design and innovation vis-à-vis the theoretical concepts learnt. The above activities are expected to challenge the thinking of students and instill the spirit of action research.

Design Studio

The design studio is a 6000 sq ft. environment equipped with design and prototyping tools and collaborative working space to support learning by doing. It facilitates students to develop low fidelity and medium scale prototypes using a variety of materials such as clay, wood, foam, soft metals, and electronic components.

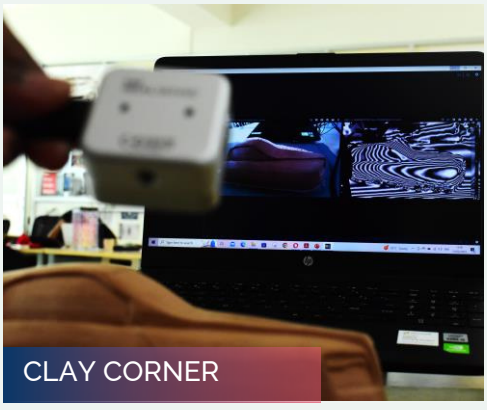
STUDIO 407

Co-learning Spaces

FOAM ZONE

DIGITAL PROTOTYPING

FAB LAB



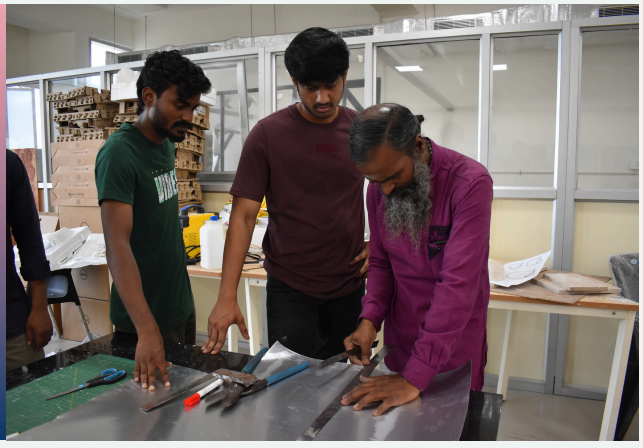
CLAY CORNER

REVIEW SPACES

RAPID PROTO ZONE

Design Talks and Workshops

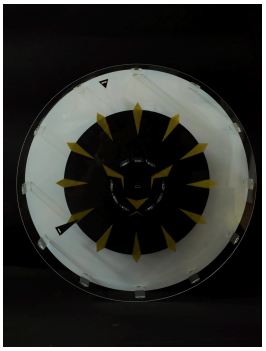
SKILL BASED WORKSHOPS



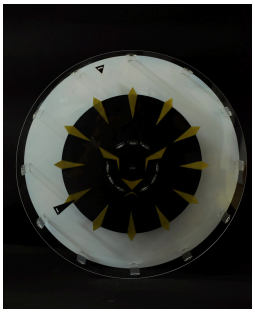
JURY SCENES

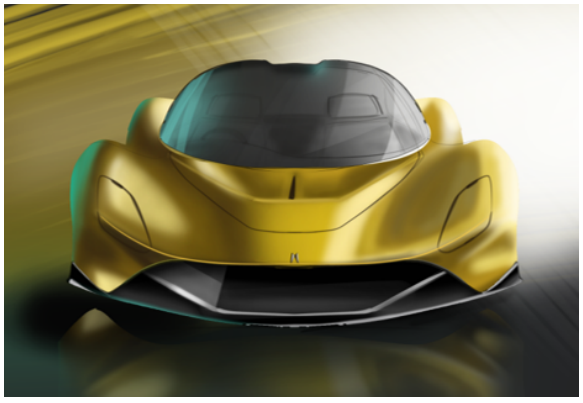
DESIGN EVENTS

DESIGN TALKS -GAVAKSHA



Student works





Life @SIDI

Faculty Profile

Regular Faculty

Dr. Raguraman Munusamy
Associate Professor & Head Of Dept.

PhD (IISc, Bangalore),
Post-Doc (University of Leeds, UK),
11 years Industry experience (Rolls Royce, UK),
Specialisation: Design for extreme events, Lightweighting, Sustainable product design from agricultural waste.

Dr. Sudhir Varadarajan
Associate Professor

PhD (IIT Madras),
Director - MaDeIT, Incubation Cell.
25 years industry experience in B/IT Consulting, Specialisation: Complexity, Design & Management.

Dr. Jayachandra Bingi
Associate Professor

PhD (IIT Madras), Post-Doc (NTU, Singapore), Specialisation: Bio inspired design, Photonics devices.

Dr. Karthik Chandrasekaran
Assistant Professor

PhD (IIT Madras),
3 yrs Industry experience in ELGi Equipments,
Specialization: Surgical robotics & compliant mechanisms.

Dr. Narendran Ganesan
Assistant Professor

PhD (NIT Surathkal),
Specialization: Sustainable energy design, Polymer heat exchangers, Energy economy and environment.

Dr. Monisha Mohan
Assistant Professor

PhD (IIT Hyderabad),
Specialization: Biomedical product design, Nanobiomaterials for diagnosis, Drug discovery.

Dr. Arunachalam
Assistant Professor

PhD (IIT Guwahati),
Specialization: Ergonomics in automobiles; User Research; Product design and development

Dr. Rajnish Mallick
Assistant Professor

PhD (IISc, Bangalore),
Specialization: Scientific Machine Learning, AI in Design, Auxetic Metamaterial Structures, Helicopter Dynamics, Aerospace Structures, Engineering Optimization

Dr. Anudeep V
Assistant Professor

PhD (IIT Madras),
Specialization: Design and Development of Medical Devices, Medical Ultrasound Scanners, AI for Smart Medical Devices

Faculty Profile

Adjunct Faculty

Mr. Gokul Rajasekaran

M.Des (IIT Delhi),
19+ years experience,
Founder Director - MGH Labs.

Mr. VSS Iyer

M.Des (NID, Ahmedabad), MS (University of Reading, UK), 19 years experience in HCL & Hewlett-Packard (Experience Design), Reliance Infocom.

Dr. Shanmugam P

PhD (IIT Madras),
28+ years Industry experience
(Sundram Fasteners Limited, Tube Investments of India, & Addison & Co Ltd)

Dr. Anand Lakshmanan

PhD (IISc, Bangalore),
25+ years Industry experience (Ericsson),
Technology & Innovation Management.

Mr. Jinan Kodapully

M.Des (NID, Ahmedabad),
33 years experience in design,
learning among children.

Mr. Murgadoss

Senior consultant prototyping,
Specialist in model making and prototyping.

Dr. Suresh Varadarajan

PhD (Marquette University),
25+ years Industrial & Academics experience
Product Design and Development, Smart Manufacturing, IIoT & Entrepreneurship

Department Collaborators

Dr. Kandharaja K M C

Assistant Professor
Department of Science & Humanities (English)
Specialization: English Language Studies & Applied Linguistics

Dr. Manjusha Battabyal

Associate Professor
Department of Science & Humanities (Physics)
Specialization: Specialization

- Basic and applied Physics, Material Science and Technology

Dr. Nachiketa Mishra

Assistant Professor
Department of Science and Humanities (Maths)
Specialisation: Product design and prototyping.

Dr. Noor Mahammad SK

Associate Professor
Department of Computer Science and Engineering
Specialisation: AI/ML in Product Design.

Dr. Pal Uttam Mrinal

Assistant Professor
Department of Electronics and Communication Engineering
Specialisation: Bio-inspired Optical Materials and Devices

Dr. N. Rino Nelson

Assistant Professor
Department of Mechanical Engineering
Specialisation: Finite Element Analysis, Automotive Engine Design, Structural and Dynamic design.

Dr. Rohini P

Assistant Professor
Department of Electronics and Communication Engineering
Specialisation: Image Processing, Medical Image Analysis, Signal Processing.

Dr. Vivek Kumar

Assistant Professor
Department of Science and Humanities (Physics)
Specialisation: Nanostructured materials for energy conversion, Biophysics.

Dr. Ashok Kumar Reddy Y

Assistant Professor
Department of Science and Humanities (Physics)
Specialisation: Nanostructured materials for gas sensor devices, Photodetector devices.

Dr. Avinash Kumar

Assistant Professor
Department of Mechanical **Engineering**
Specialization: Fabrication technologies (Micro/Nano-fabrication, Laser Machining and Surface Engineering) for MEMS, Micro-fluidics, Bio-fluidics, Bio-devices/bio-medical Devices and Health Care.

Eligibility Criteria

CEED Score 2025	Mandatory
Qualification	Bachelor degree in Engineering/Design/Architecture (under 10+2+4 yrs. regular) Minimum of 60% marks (55% marks in case of SC/ST/PwD) or equivalent grades in the qualifying degree.

Note:

*CEED category students are eligible for MoE stipend of INR 12,400/-pm for a maximum duration of 24 months. The MoE stipend is paid subject to fulfilment of respective teaching assistant responsibilities and CGPA criteria. Stipend will not be paid during the tenure of 6 months internship in the third semester.

Admission Process & Timeline

- Commencement of Online Application — March 25, 2025
- Last Date of Online Application — May 08, 2025
- Declaration of shortlisted candidates for Online Interviews — May 19, 2025
- Online Interviews for shortlisted candidates — May 28-30 , 2025
- Announcement of Selected Candidates on Website — June 03, 2025
- Acceptance and Payment of Tuition Fees — June 20, 2025
- Commencement of Semester — July 21, 2025

Selection Process

Candidates having a valid CEED score will be screened based on their scores. A category-wise merit list would be prepared of the eligible candidates and called for an interview.

Seats Availability

SIDI offers 25 seats for the M.Des program under the CEED category in 2025-26 academic year

CAT.	OP	OP-PH	EWS	EWS-PH	OBC	OBC PH	SC	SC-PH	ST	ST-PH	Total
CEED	9	1	3	0	6	0	4	0	2	0	**25**

Application Form Requirements

All the candidates meeting the eligibility criteria are required to submit online applications in the institute portal (http://www.sidi.iiitdm.ac.in).
In order to complete the application submission procedure, you need to upload the following listed documents no larger than 1Mb and scanned documents should be 200 dpi or above.

(Submission of a poor quality photograph, signature and other documents may lead to the rejection of the application.)

Document	Jpg Format	Pdf Format
Recent Color Photograph	✓	
Signature	✓	
Degree Certificate (If course is completed) *		✓
Higher Secondary Certificate		✓
Birth Certificate/ School Leaving Certificate		✓
Experience Certificate (If Any)		✓
Category Certificate (if applicable)#		✓
Valid Medical for PwD Category issued by Appropriate Authority as per Annexure C		✓
EWS Certificate issued by Appropriate Authority as per Annexure D		✓

***** If you do not have the final degree certificate, please upload a copy of the final year marksheet or the provisional certificate. If the course is not completed, a certificate from the principal of the college or head of the department as per annexure A should be uploaded.
# Candidates who are applying in the SC/ST/OBC-NCL/EWS category have to upload a valid category certificate (pdf) issued by the appropriate authorities. Format of the OBC-NCL certificate is in Annexure B. **OBC-NCL/EWS certificate issued on or after April 01, 2025 will only be accepted.**

Application Fees

Nil

Fee Structure

Description	Amount

I. Institute Fees	Amount
Admission Fee	500
Certificate/Thesis Fee	500
Student welfare fee	1000
Infrastructure Development Fee	1000
Alumni Life Membership Fee	500
Publication Fee / Library Fee	1000
Cultural Fee	500
Total (A)	₹ **5000**
B. Semester Fees:	
Tuition fee (+)	50000 (*)
Examination fee	500
Registration	500
Sports Fee	1000
Medical Fee	1000
Student Amenities	2000
Total (B)	₹ **55000**
C. Medical Insurance Premium (per annum)	
Medical Insurance premium p.a.	450
Total (C)	450

II. Hostel Fees	Amount
A. Hostel Fees & Mess Charges per semester	
Hostel Admission fee	700
Hostel Seat Rent	3500
Hostel Maintenance Charges	16200
Dining charges -Advance	25050 (**)
Establishment B Charges	1000
Development Fee	1000
Total (A)	**₹47450 (**)**
Hostellers (I & II)	**₹107900**

Note:

1.(+) SC/ST students are exempted from payment of tuition fee irrespective of their parental income.

2.Hostel is compulsory for all students. If exemption is granted by the Institute, then day scholars will have to pay the above mentioned Institute fees (Except Hostel Fees).

3.(*) Tuition fee of 50,000 per semester for the first year and 60,000 per semester for second year.

4.(**) There may be variation on account of maintenance and dining charges based on tendering value.

FAQ's

Q. I am yet to write my final year exam, can I still apply?
A. Student having a valid CEED score may apply for the program but must submit all requisite documents (Provisional Degree Certificate in case Degree Certificate is not yet issued) during the document verification process.

Q. If I have backlogs in my Bachelors, can I still apply?
A. Student fulfilling the eligibility criteria, graduating in the year 2025, and having a valid CEED score may apply.

Q.I have B.Com/ B.Sc degree (3 years Bachelors degree), am I eligible for this program?
A. Not eligible

Q. I have B.Arch/ B.Des degree, am I eligible for this program?
A. Yes. Students from diverse backgrounds with a valid CEED score and who have a flair for Design Centric Engineering are encouraged to apply.

Q.What is the placement scenario ?
A. The M.Des program at SIDI was launched in 2021. The first batch students were placed in companies like Camlin, Saint-Gobain, Fire-Boltt, Empoise Design studios, Simyog Technology, Apollo Tyres, Design Art Industrial Design Studio, Fun Play System pvt Ltd, etc,.

Q. What is the duration of the MoE stipend?
A. The MoE Stipend of INR 12,400/- pm is provided for candidates who secure admission at SIDI through CEED score. It is provided for a maximum duration of 24 months subject to fulfillment of the following criteria;

a. Complete a minimum of 8hrs of Teaching Assistance duties per week.

b. Maintain a CGPA of at least 6.5, failing to do so will result in the candidate's stipend being reduced to INR 6,200/- pm.

*Stipend will not be provided to students who secure a paid internship in the 3rd semester.

Q.Does the institute offer Accommodation?
A. IIITDM Kancheepuram offers state of the art Hostel facility for its Scholars and Students.

How to Reach the Institute?

From Chennai International Airport (24.9 km)

Take a Train from nearby Tirusulam to Tambaram
Then Take a Bus from Tambaram to Kandigai Bus Stop (15.7km)
(Bus Nos -515, 515A, 515B, 55D)

From Chennai Central Railway Station (43.4 km)

Central Railway Station -via train-Park Station -via train- Tambaram.
Then Take a Bus from Tambaram to Kandigai Bus Stop (15.7km)
(Bus Nos -515, 515A, 515B, 55D)

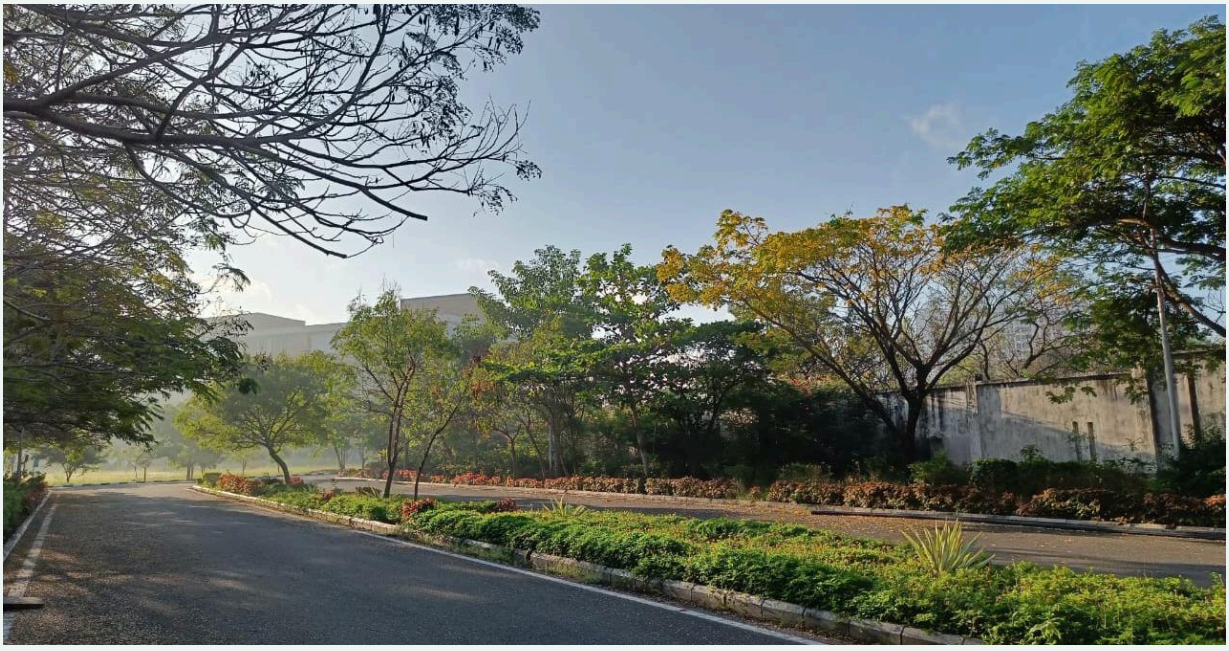
From Chennai Mofussil Bus Terminal (CMBT) Koyambedu (47.6 km)

Take a Bus from CMBT to Tambaram
(Bus Nos-114, 121A, 121CT)

From Kalaignar Centenary Bus Terminus (KCBT)- Kilambakkam (9.7 km)

Take a Bus from KCBT to Kandigai Bus Stop
(Bus Nos-515, 515A, 515B, 55M, 566)

Scan or Click to refer
Google Maps



SIDI

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