INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, DESIGN AND MANUFACTURING, KANCHEEPURAM

இந்திய தகவல் தொழில்நுட்பம், வடிவமைத்தல் மற்றும் உற்பத்தி நிறுவனம், காஞ்சிபுரம்

भारतीय सूचना प्रौद्योगिकी, अभिकल्पना एवं विनिर्माण संस्थान, कांचीपुरम

CHENNAI - 600 127

PLACEMENT BROCHURE

2025-26

Contents

Director's Message

Prof. M. V. Kartikeyan

Director
Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram

I extend my warm greetings on behalf of the Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram. IIITDM Kancheepuram is an Institute of National Importance established by the Ministry of Education in 2007 with a vision to develop a premier Institute of Excellence in IT, Design, and Manufacturing.

IIITDM Kancheepuram aims to create an academic environment that fosters innovation, entrepreneurship, and research excellence, with a strong industry-academia interface. We follow a robust "learning by doing" practice under which the Institute strives to provide its students with state-of-the-art facilities, industry exposure, and hands-on experience in cutting-edge technologies, preparing them to become leaders in their chosen fields.

IIITDM Kancheepuram offers various UG, DD, PG, and Ph.D. programs, such as B.Tech in CSE, ECE, ME, and Smart Manufacturing (SM), and M.Tech in CSE, ECE, ME, and SM, and M.Des. in Integrated Product Design. Additionally, IIITDM Kancheepuram organizes various workshops, frequent conferences, and industry interactions for professionals and working individuals in different fields not only allowing them to exchange ideas but also stimulating research.

About IIITDM Kancheepuram

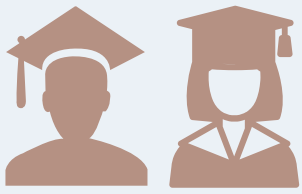
IIITDM Kancheepuram is a Centre of Excellence for technical education and research established in 2007 by the Ministry of Education, Government of India to pursue design and manufacturing-oriented engineering education and research and to promote the competitive advantage of Indian products in global markets. IIITDM Kancheepuram has showcased its commitment to excellence by securing the **8th rank in the Innovation Category (2023)** and an impressive rank between the band **101-150** overall in the **NIRF ranking**. In addition, IIITDM Kancheepuram has been placed in the band **"Excellent" (Rank 11-21)** among the Institutes of National Importance (INI) in **ARIIA 2021**.

Demographics

Number of Students available for Placement 2025 - 26

	Degree	Branch Name	Strength
Computer Science and Engineering	B.Tech	Computer Science and Engineering	93
		Computer Science and Engineering with Major in AI	53
	M.Tech	Data Science and Artificial Intelligence	12
Electronics and Communication Engineering	B.Tech	Electronics and Communication Engineering	114
	M.Tech	Communication Systems Design	08
		Microelectronics and VLSI Systems	17
Mechanical Engineering	B.Tech	Mechanical Engineering	63
		Smart Manufacturing	35
	M.Tech	Mechanical Systems Design	04
		Smart Manufacturing	05
SIDI	M.Des	Integrated Product Design	04

63% UG **37%** DD, PG & PhD



87% Male **13%** Female

100+ Faculty

2050+ Students

Academics

Academic Programs

B.Tech

Computer Science and Engineering
Dept. of CSE
Computer Science and Engineering with Major in Artificial Intelligence
Dept. of CSE
Electronics and Communication Engineering
Dept. of ECE
Mechanical Engineering
Dept. of ME
Smart Manufacturing
Dept. of ME
Design Engineering (from AY 2025-26)
SIDI (The School of Interdisciplinary Design and Innovation)
Engineering Physics (from AY 2025-26)
Dept. of S&H

Dual Degree

B.Tech and M.Tech in Computer Science and Engineering (from AY 2023-24)
Dept. of CSE
B.Tech in Electronics and Communication Engineering and M.Tech in Communication Systems (from AY 2023-24)
Dept. of ECE
B.Tech in Electronics and Communication Engg and M.Tech in VLSI Design (from AY 2023-24)
Dept. of ECE
B.Tech in Mechanical Engineering and M.Tech in AI and Robotics (from AY 2024-25)
Dept. of ME

M.Tech

Computer Science and Engineering with Specialization in Data Science and Artificial Intelligence
Dept. of CSE
Electronics and Communication Engineering with Specialization in Communication Systems
Dept. of ECE
Electronics and Communication Engineering with Specialization in Microelectronics and VLSI Systems
Dept. of ECE
Electronics and Communication Engineering with Specialization in RF and Microwave Engineering (from AY 2025-26)
Dept. of ECE
Mechanical Engineering with Specialization in Intelligent Mechanical Systems Design
Dept. of ME
Mechanical Engineering with Specialization in Smart Manufacturing
Dept. of ME

M.Des

Integrated Product Design
Dept. of SIDI

PhD

All Engineering Disciplines and Basic Sciences

Departments

Computer Science and Engineering

Department Highlights:

Strong foundation in both software and hardware aspects Interdisciplinary curriculum integrating Design, Engineering, and Computer Science Hands-on laboratory sessions and project-based learning emphasizes on industry-relevant technologies: AI, Data Science, IoT, Embedded Systems, etc. Experienced faculty with research and industry backgrounds

Available Software Licenses:

- Python
- Gcc/Gpp
- Cmake
- Java
- MYSQL
- Server
- DOSBOX
- Wireshark
- Logisim
- MATLAB
- Cisco Packet Tracer
- Xilinx
- Vivado
- Anaconda
- Verilog
- Php
- Javascript
- HTML
- CSS
- Ajax

Lab Infrastructure:

Research Labs :

- Computer Vision & Machine Learning Lab
- Autonomous Robotics & IoT Systems Engineering Lab (ARISE)
- High Performance Reconfigurable Computer Science Engineering Lab (HPRCSE)
- Hybrid Intelligence Lab
- Biometrics & Visual Surveillance Lab

Core Department Labs:

- Basic Computing Lab
- Software Design Lab
- Intelligent Systems Design Lab
- Systems Programming Lab

Faculty of Computer Science & Engineering

Prof. Sivaselvan B
Professor and HOD
Ph.D.- NIT Tiruchirappalli
(Knowledge & Data Engineering, Data Analytics, Human Computer Interaction)

Dr. Amalan Joseph Antony A
Ph.D : NIT Tiruchirappalli
(Cryptography, Data Structures and Algorithms)

Dr. Bhale Pradeepkumar Gajendra
Ph D :IIT Guwahati
(Information Security, Network Traffic Engineering, Network Routing and Security)

Dr. Bhukya Krishna Priya
Ph.D : NIT Tiruchirappalli
(Computer Architecture, Memory Technologies, Machine Learning)

Dr. Dinesh R
Ph.D: IIT Kharagpur
(IoT, Sensor Cloud Network, Fog and Edge Computing)

Dr. Jagadeesh Kakarla
Ph.D: NIT Rourkela
(Wireless Sensor Networks , Adhoc Networks , IOT)

Dr. Kannadasan K
Ph.D : NIT Tiruchirappalli
(Brain-Computer Interface, EEG Signal Processing, Affective Computing)

Dr. Krishnakumar Gnanambikai
Ph.D: IIT Madras
(Micro-architecture Security, Web Security, Network Security)

Prof. Masilamani V
Ph.D: IIT Madras
(Image Processing and Computer Vision, ML, Algorithms, and Data Structures)

Dr. Noor Mahammad SK
Ph.D: IIT Madras
(High Performance VLSI Architectures for Digital Signal Processing, Software for VLSI Design, Evolvable Hardware)

Dr. Pandiri Venkatesh
Ph.D : University of Hyderabad
(Combinatorial Optimization using Heuristics, Reinforcement learning for optimization)

Dr. Preeth R
Ph.D.- NIT Tiruchirappalli
(IoT and Cloud Computing, ML, Computer Vision)

Dr. Rahul Raman
Ph.D : NIT Rourkela
(Computer Vision, Image Processing, Machine Learning)

Dr. Rajesh Kolluri
Ph.D: NIT Rourkela
(Reinforcement Learning, Scheduling and Routing Strategies, Vehicular Adhoc Networks)

Dr. Sadagopan N
Ph.D: IIT Madras
(Graph theory and Combinatorics Data Structures and Algorithms Computer Networks)

Dr. Sanjeet Kumar Nayak
Ph.D: IIT Patna
(Applied Cryptography, IoT and Cloud Computing, Fog and Edge Computing)

Dr. Santhanam Raghavan
Ph.D: NIT Karnataka
(Cloud Computing, Membrane Computing, Machine Learning)

Dr. Syed Shahul Hameed AS
Ph.D: NIT Puducherry
(Optimization, Reinforcement Learning, Random Optimization)

Dr. Umarani Jayaraman
Ph.D: IIT Kanpur
(Biometrics, Pattern Recognition, Deep Learning)

Dr. Vijayakumar S
Ph.D: Nanyang Technological University
(Real-Time Systems, Cyber-Physical Systems, Embedded AI)

Electronics and Communication Engineering

The Department of Electronics and Communication Engineering (ECE) at IIITDM Kancheepuram cultivates future-ready engineers with a unique blend of design, manufacturing, and core engineering principles. Our graduates possess an unparalleled skillset, highly sought-after by leading industries.

Our curriculum instils exceptional problem-solving and design thinking alongside deep proficiency in core ECE domains like Digital Signal Processing, VLSI Design, Communication Systems, embedded systems, and RF & Microwave. Students develop strong programming skills in HDL (Verilog/VHDL), Python, C/C++, and system-level modelling, ensuring industry readiness. They extensively utilise industry-standard tools and foster independent learning and teamwork. This project-centric approach, a hallmark of IIITDM, emphasises system integration and project management.

The ECE department is a hub of innovation, with faculty and students driving advanced research. Our initiatives align with global trends in:

- AI & ML
- Internet of Things (IoT)
- 5G and Beyond Communication Technologies
- Advanced VLSI & Nanotechnology
- Electric Vehicles
- Biomedical Instrumentation

Available Software Licenses:

- ANSYS
- MATLAB
- COMSOL
- SIMULINK
- MULTISIM
- Xilinx ISE Design Suite
- Cadence
- LabVIEW
- OptiSystem 22.0
- CST Studio Suites
- EGUN
- VLSI

Faculty of Electronics and Communication Engineering

Prof. M.V. Kartikeyan
Professor and Director
Ph.D: IIT(BHU) Varanasi
(High-power Millimeter wave and Terahertz Engineering, Sources and Allied Components)

Dr. B. Chitti Babu
Associate Professor, HOD
Ph.D: National Institute of Technology, Post Doc. (WUST, PL & VSB-TUO, CZ), Europe
(Power Electronics applications in smart distribution grids containing renewable energy sources)

Prof. Binsu J Kailath
Ph.D: IIT Madras
(Spiking Neural Networks, Non-volatile Memory-based In-Memory Computing,Application of Neuromorphic Circuits in healthcare domain)

Dr. Damodharan P
Ph.D: IIT Madras
(Power Electronics and Drives, Permanent Magnet Brushless DC Drive, Permanent Magnet Synchronous Drive)

Dr. Gowri. A
Ph.D: IIT Madras
(Fiber optic biosensors and chemosensors, Instrumentation for Clinical Diagnosis, Medical Image Processing)

Dr. S.Kalpana
Ph.D: National Central University, Taiwan
(FET Biosensors, Electrochemical Biosensors, Graphene-based sensors)

Dr. Kumar Prasannajit Pradhan
Ph.D: NIT Rourkela
(Compact Model, TCAD Simulations, SOI MOSFETs, FinFETs)

Dr. Rohini. P
Ph.D: IIT Madras
(Signal Processing, Image Processing, Medical Image Analysis)

Dr. Pandiyarasan Veluswamy
Ph.D: National University Corporation Shizuoka University, Japan
(Design and Fabrication of High-Performance MEMS for sensing physiological signals [ECG, EMG, EEG, EOG])

Dr Premkumar K
Ph.D: Indian Institute of Science Bangalore
(Scheduling in Networks, Cognitive Radio, IOT)

Dr. Priyanka Kokil
Ph.D: Motilal Nehru National Institute of Technology, Allahabad
(System theory, Nonlinear systems, Biomedical Signal Processing)

Dr. Pal Uttam Mrinal
Ph.D: Indian Institute of Science Bangalore
(Optical techniques for intraoperative cancer margin assessment, Intraoral probe for oral cancer diagnosis, Transvaginal optical probe for cervical cancer diagnosis)

Dr. Rudrabhotla Sri Prakash
Ph.D: IIT Bombay
(Multi Arm Bandits (MAB), online learning, stochastic system modelling)

Dr. Selvajyothi K
Ph.D: IIT Madras
(Power Electronics, Harmonics Distortion, PLL/FLL)

Prof. M D Selvaraj
Ph.D: IIT Delhi
(Wireless Communications, Cooperative Diversity, 5G and Beyond Technologies)

Dr. Srijith. K
Ph.D: IIT Madras
(Optical Fiber Sensors,Fiber Bragg Gratings, Distributed fiber optic sensors)

Dr. Tejendra Dixit
Ph.D: IIT Indore
(Nanoelectronics, Optoelectronics, Quantum Devices and Computing)

Dr. Thummaluru Sreenath Reddy
Ph.D: IIT (ISM) Dhanbad
(Metagratings, Metasurfaces, Multiple Input Multiple Output (MIMO) Antennas)

Dr. Vijayakumar Krishnasamy
Ph.D: NIT Trichy
(IOT, Smart Grid, Embedded Controllers)

Dr. Yuvaraj S
Ph.D: IIT Roorkee
(Gyrotrons-Millimeter/THz Wave Sources and Allied Components)

Mechanical Engineering

The department focuses on enabling students with skills to seamlessly integrate both the mechanics, electronics, and computing aspects of engineering, preparing them for the needs of today's technology-driven industries.

Alongside core engineering courses in Thermal Engineering, Fluid Dynamics, Machine Design, and Industrial Engineering, students go through courses in Computational Engineering, Electrical Drives, Sensors and Control Systems, and Microprocessors. This equips them to contribute to the interdisciplinary nature of today's industries. Students are equipped to perform CAD modeling, simulations, finite element modeling, computational fluid dynamics, and data analysis, and exposed in various software environments.

Available Software Licenses:

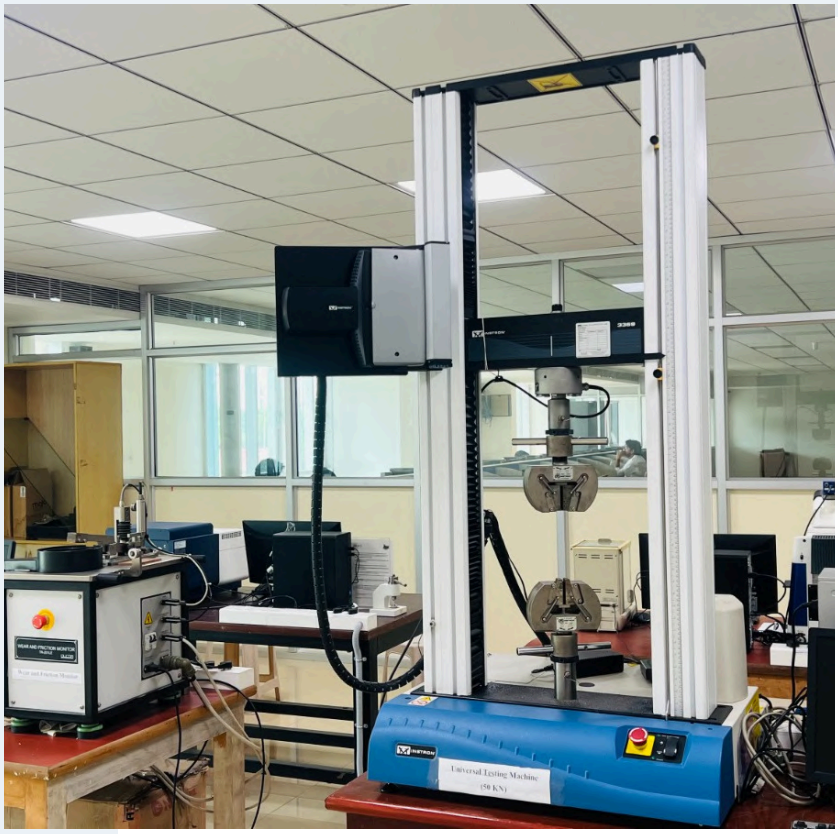
- Solidworks
- Adams
- Simpack
- Ansys
- CATIA
- Autodesk Inventor
- Fusion 360
- R Programming
- MATLAB
- COMSOL Multiphysics
- DEFORM
- 3DEXPERIENCE
- Abacus

Smart Manufacturing

The program offered focuses on training students in IT-enabled manufacturing techniques and technologies that are employed in Industry 4.0. Students will have a high level of technical expertise in both conventional and modern manufacturing techniques like additive manufacturing. They are exposed to various manufacturing paradigms like Just in Time, LEAN, and agile manufacturing.

Students are also well-trained in programming along with data structures and algorithms, databases, and transaction management. They have been exposed to various Data visualization techniques using tools such as Python/R/Excel and upskilled through various modules of Machine Learning along with the math behind it and Big Data to make data-driven decisions. They have expertise in sensors, embedded systems, machine-to-machine communication, robotics, and automation, and are equipped in integrating and enabling technologies such as the Internet of Things (IoT) and cloud computing to create robust cyber-physical systems.

Students are also exposed to operations and supply chain management which provides them with the necessary skills in inbound and outbound logistics management along with operation sequencing and scheduling for effective decision-making using both linear and integer programming approaches.



Faculty of Mechanical Engineering

Prof. Raja B
Professor and HOD
Ph.D: College of Engg., Guindy
(Freeze drying of electrode powder and food products, Spray drying of electrode powder)

Dr. Arul Kumar
Ph.D: IIT Kanpur
(Process-Structure-Property-Performance (PSPP) Relationship, Digital Twin for Materials, Mechanistic Modeling of Materials)

Dr. Avinash Kumar
Ph.D: IIT Delhi
(Micro/Nano-fabrication and Advanced Manufacturing ,Laser Machining)

Dr. Chandrashekhar Machhindra Pilgar
Ph.D: ETSI Caminos Canales y Puertos, Universidad Politecnica de Madrid
(Multi-scale Modelling, Computational Homogenization, Crystal Plasticity)

Dr. Gowthaman Swaminathan
Ph.D: North Carolina A&T State University
(Processing and characterization of polymers and composites.,Modelling of composite structures)

Prof. Jayabal K
Ph.D: IIT Madras
(Finite Element Methods, Material Modelling, Smart Materials and Structures)

Prof. Jayavel S
Ph.D: IIT Madras
(Fluid and Thermal Sciences, Computational Fluid Dynamics, Applications: Heat Exchanger)

Dr. P. Kalpana
Ph.D: IIT Madras
(IoT and Block chain in SCM, Advanced Optimization Techniques)

Dr. Karthick S
Ph.D: IIT Madras
(Microfluidics and MEMS, Convective heat transfer and Mixing, Mobile Microrobots for Drug Delivery)

Dr. Shubhankar Chakraborty
Ph.D: IIT
(Heat Transfer,Multiphase flow, Multisensor measurement and data fusion)

Dr. Kashfull Orra
Ph.D: IIT Kanpur
(Machining, Theoretical modal analysis. Machining tool dynamics and vibration analysis)

Dr. Kishor Kumar Gajrani
Ph.D: IIT Guwahati
(Smart Manufacturing,Sustainable Machining, Additive Manufacturing)

Dr. Nagamanikandan G
Ph.D: IIT Madras
(Robotics and Control, Robot mechanisms and design, Mobile manipulation)

Dr. Nagaraj. M
Ph.D: NIT Trichy
(Severe plastic deformation (SPD) on lightweight alloys, Friction welding on similar and dissimilar alloys., Surface modification on biomedical implants)

Dr. Pandithevan P
Ph.D: IIT Guwahati
(Experimental and Computational Orthopaedic Surgery , Surgineering using CAD and Virtual Reality)

Dr. N. Rino Nelson
Ph.D: IIT Madras
(New Product Development,Finite Element Analysis, Material Characterization)

Dr.K. Senthilkumaran
Ph.D: IIT Delhi
(Additive Manufacturing, Smart Manufacturing and Sustainable Manufacturing)

Dr. SHAHUL HAMID KHAN
Ph.D: NIT Trichy
(Multi Objective Optimization, Digital Supply Chain Management, Multiple Criteria Decision Making)

Dr. Siva Prasad AVS
Ph.D: IIT Kanpur
(Computational Continuum Mechanics, Meshless methods, Dynamic Behaviour of Materials)

Prof. Sreekumar M
Ph.D: IIT Madras
(Robotics and Control, Serial, Parallel, and Compliant Mechanisms, Smart Materials and Smart Structures)

Dr. Venkata Timmaraju Mallina
Ph.D: IIT Madras
(Engineering Design with Polymers and Composites ,Fatigue and Fracture of Advanced Engineering materials)

Dr. Vikash Kumar
Ph.D: IIT (ISM) Dhanbad
(Thermal and Fluid Sciences, Computational Fluid Dynamics, Turbulent flows)

SIDI

School of Interdisciplinary Design and Innovation

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 multiple programs in Integrated Product Design at undergraduate, postgraduate and doctoral levels. 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.

Available Software Licences:

- Altair Software Packages
- Cadasil Arm + FEA Analysis
- LS-DYNA

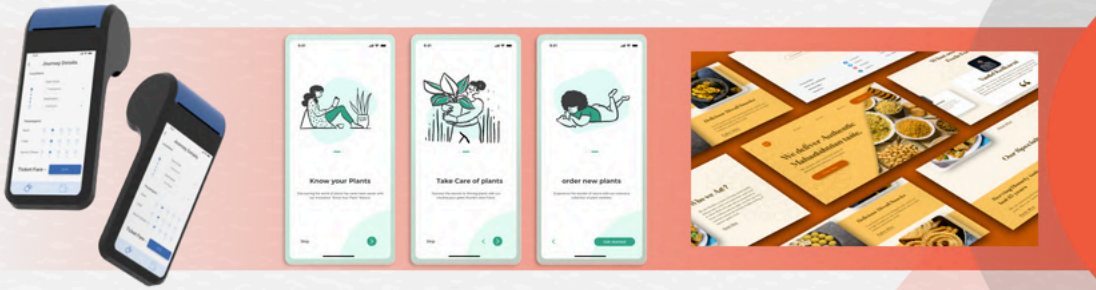
M.Des

Program objectives

- To nurture curiosity, aesthetic sense, creative confidence, and self-driven learning.
- To cultivate critical thinking, socially conscious and environmentally responsible behaviors.
- 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.

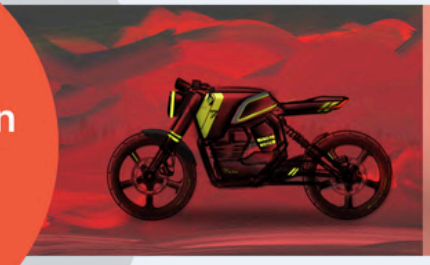
Students Design Activities

Product & Industrial Design



UI/UX Design

Transportation Design



Faculty of SIDI

Dr. Raguraman Munusamy
Associate Professor and HOD
Ph.D: Indian Institute of Science
(Multi-scale modelling of lightweight materials - metals, composites, honeycomb and hybrid structures)

Dr. Anudeep V
Ph.D: IIT Madras
(Design and Development of Medical Devices, Medical Ultrasound Scanners)

Dr. Arunachalam
Ph.D: IIT Guwahati
(Product design, Ergonomics in design, Design Research)

Dr. Jayachandra Bingi
Ph.D: IIT Madras
(Photonics for Defence and medical applications (Photonic devices and sensors)

Dr. Karthik.C
Ph.D: IIT Madras
(Design of Minimally Invasive Robotic Surgical Tools, Design of Surgical Devices)

Dr. Monisha. M
Ph.D: IIT Hyderabad
(Design of Point-of-Care (POC) Devices, Lab-on-a-Chip (LOC) Systems)

Dr. Narendran G
Ph.D: NIT Karnataka
(Polymer heat transfer devices for EVs, Thermal system design and optimization)

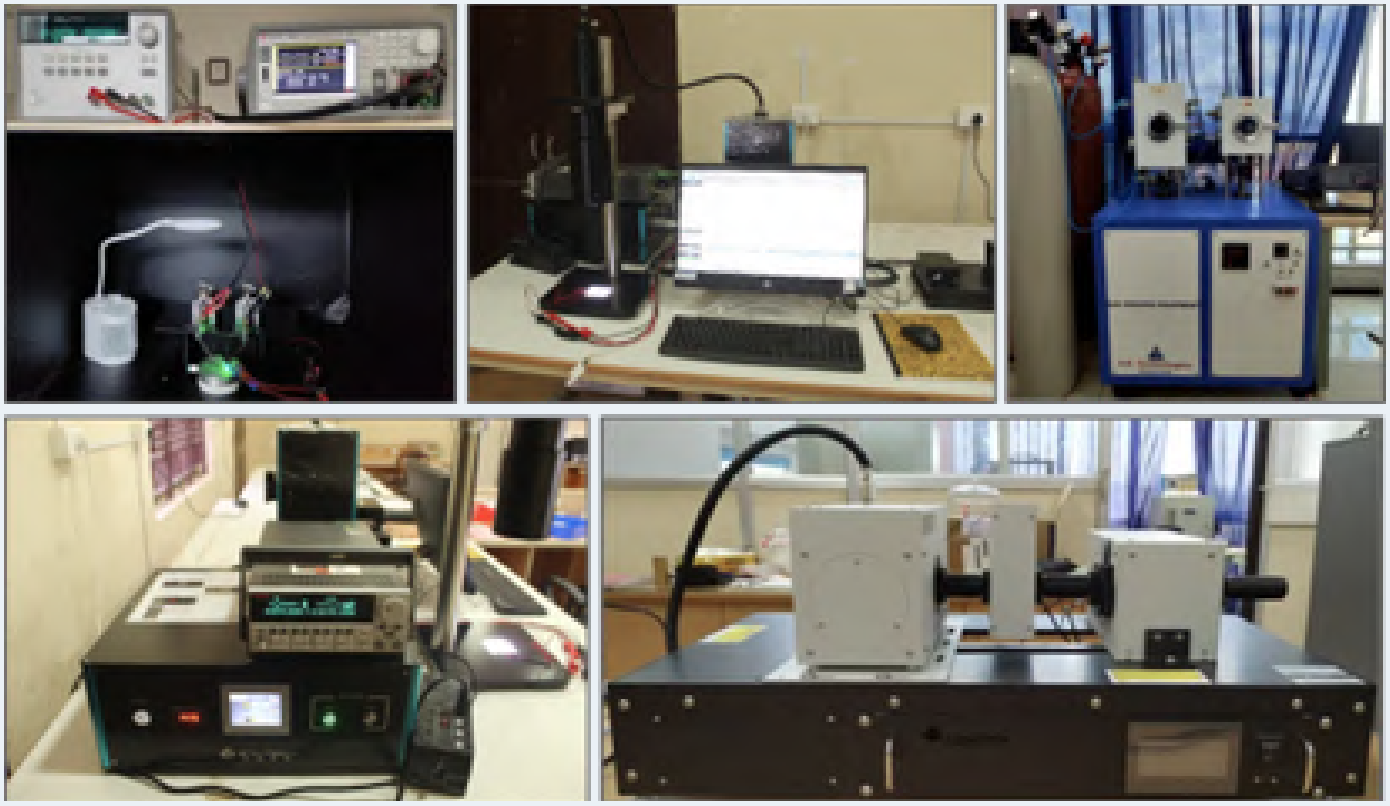
Dr. Rajnish Mallick
Ph.D: IISc Bengaluru
(Auxetic Metamaterial Structures - Energy Harvesting & Energy Absorption (Aerospace) and Tissue Engineering)

Dr. Sudhir Varadarajan
Ph.D: IIT Madras
(Complex responsive processes in design and innovation, Managing the fuzzy front-end of product/service innovation)

Science and Humanities

Focus & New programmes:

- With its interdisciplinary focus, world-class faculty, and state- of-the-art facilities, the Department of Sciences and Humanities nurtures curious minds into confident, capable professionals who are ready to shape the future.
- The department also proudly launches a new B.Tech program in Engineering Physics from the academic year 2025–26, jointly offered with the Department of Electronics and Communication Engineering. This program will empower students to specialize in areas like quantum technologies, nanomaterials, and device physics, giving them a competitive edge in both academia and industry.



- The Mathematics division fosters logical reasoning and computational thinking through topics like graph theory, numerical linear algebra, and cryptography. It enables students to build robust problem-solving skills that are essential in data science, machine learning, finance, and algorithm design.

- Meanwhile, the English faculty ensures students develop strong written and verbal communication skills. Courses focus on applied linguistics, discourse analysis, and the role of language in technology and science— critical competencies for future leaders and innovators in any field.

Faculty of Science & Humanities

Mathematics

Dr. Bipasha Pal
Ph.D: IIT Ropar
(Differential Equations)

Dr. Jagannath Bhanja
Ph.D: IIT Roorkee
(Additive Number Theory, Combinatorial Number Theory, Extremal Combinatorics)

Dr. Nachiketa Mishra
Ph.D: IIT Madras
(Partial Differential Equations, Numerical Analysis, Numerical Linear Algebra)

Dr. Sarbendu Rakshit
Ph.D: Indian Statistical Institute
(Applied Dynamical Systems,, Nonlinear Analysis, Stability Theory)

Prof. Shalu M A
Ph.D: IIT Madras
(Graph Theory, Algorithms)

Dr. M. Subramani
Ph.D: Chennai Mathematical Institute
(Number theory, Cryptography)

Dr. Vijayakumar S
Ph.D: IIT Madras
(Algorithms, Combinatorial Optimization, Graph Theory and Combinatorics)

Physics

Prof. Naveen Kumar
Professor, HOD
Ph.D: IIT Delhi
(Fiber Optics, Solar Thermal Energy Applications, Renewable energy applications)

Dr. Anushree P Khandale
Ph.D: Nagpur University, India
(Nano-structured materials for electrochemical device applications (Solid Oxide Fuel cells, Alkaline Fuel Cells, Sensors)

Dr. Y. Ashok Kumar Reddy
Ph.D: Sri Venkateswara University, India
(Metal-based nanostructures for photodetector devices, Metal oxide-based IR bolometers for defence systems)

Dr. Debolina Misra
Ph.D: IIT Kharagpur
(Materials Modelling from first-principles electronic structure calculations, Computational catalysis)

Dr. Manjusha Battabyal
Ph.D: IIT Kharagpur
(Thermophysical properties of solids, Powder Metallurgy, Magneto-thermopower)

Dr. Sadhu Sai Pavan Prashanth
Ph.D: Sri Sathya Sai Institute of Higher Learning.
(Multifunctional Materials, Ferroelectric and Multiferroic Composites and Thin Films)

Dr. Tapas Sil
Ph.D: Visva-Bharati
(Relativistic Mean Field Theory in Nuclear Structure, Liquid-gas phase transition in nuclear system)

Dr. Vivek Kumar
Ph.D: IIT Delhi
(Nanostructured materials for energy conversion and storage: Supercapacitors, Photovoltaics)

English

Dr. Kandharaja K M C
Ph.D: University of Hyderabad
(Applied Linguistics and English Language Education: Classroom Discourse, Gender and Language, Teacher Education)

Dr. Parvathy Das
Ph.D: NIT Tiruchirappalli
(Life Writing,Narratives, Theories of Self and Identity)

Research and Development

Sponsored Research and Industrial Consultancy

IIITDM Kancheepuram has initiated an Industrial Consultancy and Sponsored Research Cell (ICSR) to motivate the faculty to conduct research through funded projects and consultancy work. This will fulfil the aim of the MoE, Government of India, to increase emphasis on the self- sufficiency of the institute. The institute has already attracted funded projects from government agencies and industrial consultancy work from esteemed organisations and many other projects are in the pipeline. The expert faculty of the institute cater to the needs of automotive, electronic, ITES and other engineering industries in the design and development of innovative products. The Design Studio of the Institute consists of advanced modelling, analysis and simulation software and functioning in collaboration with the industry.

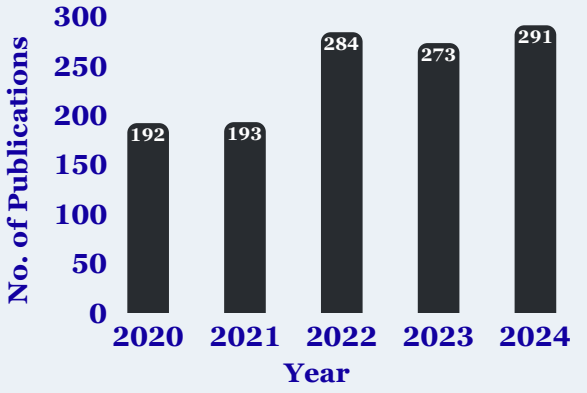
Memorandum of Understanding (MoU)

IIITDM Kancheepuram encourages collaboration with reputed academic and research organizations to create opportunities for cooperation in education, training and research on the basis of promoting faculty and student exchanges and joint R&D activities. In this process, the institute has signed MoUs with the following Industry Partners and Academic/ R&D Institutions:

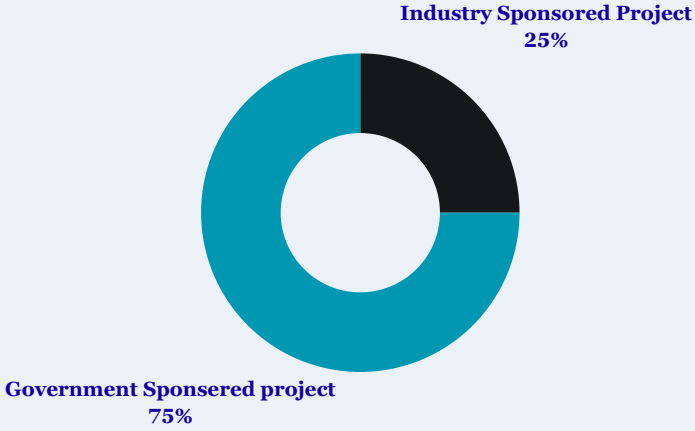
1. M/s SRF Foundation, New Delhi
2. M/s Data Foundry Pvt. Limited
3. Wipro 3D Pvt. Ltd, Bangalore
4. Global Mantra Innovations Private Ltd.
5. Saint Gobain Research, India
6. AMD India Private Limited
7. Sedaxis Pvt. Ltd. Mumbai
8. TVS Motor Company Ltd.
9. Agappe Diagnostics Limited, Kerala
10. Vanmok Innovations (“Vanmok”) Edmonton
11. Waycool Foods and Products Pvt Ltd, Chennai
12. IITM Pravartak Technologies Foundation, Chennai
13. MTAB Technology Pvt Ltd, Chennai
14. KGVK Diagnostics, Bangalore
15. Samsung R&D Institute , India - Bangalore Pvt Ltd
16. UCAL Fuel Systems, Chennai
17. Kairos Kinetic Pvt. Ltd., Chennai
18. M/s Saint Gobain
19. Coromandel International Ltd, Cuddalore
20. Pyrologics India Private Limited
21. Advanced Manufacturing Technology Development Centre (AMTDC), Chennai
22. M/s Vanmok Inc, Edmonton, Canada
23. M/s Infinite Manufacturers, Punjab

1. University of Genova, Italy
2. Nagasaki University, Japan
3. Chettinad Academy of Research and Education, Kelambakkam, Chennai
4. National University of Science and Technology(NUST), Moscow, Russia
5. PSG Institute of Medical Sciences and Research, Coimbatore, Tamilnadu
6. ICAR National Research Centre for Banana, Trichy
7. National Design & Research Forum, Bangalore
8. CSIR – Central Electronics Engineering Research Institute (CSIR – CEERI)
9. DRDL, Hyderabad
10. University of AGDER, Norway
11. IIT Tirupati

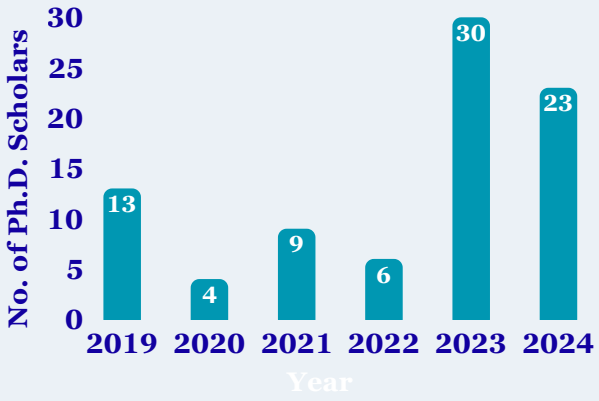
Publications



Research and Innovation



Ph.D. Scholars Graduated



Project Funding Distribution

Technical Clubs and Student Achievements

MARS Club

06

ISRO Robotics Challenge 2024

Team SHUNYA secured 6th place in the ISRO On-site Robotics Challenge.

05

Australian Rover challenge 2023 & 2024

Team SHUNYA achieved 5th rank globally in the Documentation round of ARCH.

21

International Rover challenge 2024

This was roller coaster experience for the team as this was 21st onsite competition. Team SHUNYA represented INDIA.

AUV Society

- The AUV Society @ IIITDM Kancheepuram is a leading technical club in advancing underwater robotics, achieved significant milestones in 2024-25.
- Ranked 5th globally out of 41 teams from 13 countries at the Singapore AUV Challenge, organized by IEEE OES Singapore Chapter.
- Secured 2nd place nationally in AqUaVision 2025, hosted by IIT Madras in collaboration with IEEE OES Madras Chapter and NIOT, Chennai.
- Clinched the top position in the International AUV Challenge, a nationwide autonomous underwater vehicle competition hosted by Indian Institute of Technology Bombay.
- Presented two research papers at OCEANS 2024 in UnderWater Robotics Conference

SAE Club

M-Baja:

- Team Rebel Racers' final overall standing in SAEBAJA-2024: AIR 18
- Team Rebel Racers' standing in Phase 1 of SAEBAJA-2024: AIR 09, TamilNadu Rank 02

Astra:

- Ranked among the top 20 teams in India as of 5th July 2024, qualifying for the final phase.
- Showcased an upgraded UAV in Phase 2 of SAE AeroTHON 2024, clearing inspection and completing four mission-based flights with manual and autonomous tasks.

e-BAJA

- Team Revolt Racers' final overall standing in SAE BAJA-2024: AIR 35
- Team Revolt Racers' standing in Phase 1 of SAE e-BAJA-2024: AIR 16, TamilNadu Rank 04

IEEE STUDENT BRANCH

About the Branch

Established in 2016, the IEEE Student Branch at IIITDM Kancheepuram is a community that promotes learning, innovation, and collaboration in engineering and technology. With over 70 active members, it connects students to global IEEE resources and opportunities.The branch offers a platform for students to grow beyond academics through technical discussions, leadership roles, and hands-on activities. It fosters interdisciplinary learning and regularly collaborates with other IEEE chapters and institutions. Guided by experienced faculty advisors, the branch continues to build a culture of creativity, research, and professional development on campus.

Activities & Events

The branch regularly organizes :

- Technical workshops and expert talks
- paper presentations, coding contests, and quizzes
- Major events like WAMS 2025 , IEEE day , and smagatha-Vashist tech activites

In addition to its core events, the branch hosts domain-specific sessions led by IEEE society experts. These focused talks and workshops introduce students to emerging technologies and trends, helping them explore interdisciplinary projects.

Societies & Chapters:

- Signal Processing (SPS)
- Electron Devices (EDS)
- Antennas & Propagation (APS)
- Women in Engineering (WIE), and more

- A Computer Society chapter was launched at IIITDM Kancheepuram on 12 March 2025, expanding opportunities for students in computing and software-focused events

- The Antennas & Propagation Society (APS) and Microwave Theory & Technology Society (MTT-S), along with EDS, ran a one-day workshop on ANSYS HFSS (antenna and sensor design)

- The Electron Devices Society (EDS) hosted a Summer School on Neuromorphic Computing from 19–23 December 2022, featuring lectures, hands-on sessions, and distinguished experts.

FESTS AT IIITDM

SamGATHA

Samgatha is the annual techno-cultural festival of IIITDM Kancheepuram, typically held in March each year. The name comes from the Sanskrit word Samgatha, meaning "confluence"—a fitting title for an event that merges technical prowess with cultural vibrancy .

VashISHT

Vashisht is the annual technical festival of IIITDM Kancheepuram, organised by the Technical Affairs Council. It's a three-day techno-fest that brings together engineering talents for competitions, workshops, hackathons, robotics events and innovation showcases .

INTER IIIT SPORTS MEET

The Inter IIIT Sports Meet (IISM) is an annual sports event that brings together students from all Indian Institutes of Information Technology (IIITs) across the country. It is one of the largest sports gatherings in the IIIT community, providing a platform for athletes to showcase their talents, foster inter-institute camaraderie, and promote the spirit of healthy competition.

A Journey through Time and Beauty

Overall Champions – 2025
IIITDM Kancheepuram clinched the overall trophy, outperforming 20+ IIITs and excelling in both team and individual sports.

Hosting Excellence – 2023
IIITDM Kancheepuram successfully hosted the 5th Inter IIIT Sports Meet in 2023, setting a benchmark in event management and hospitality.

Consistent Podium Finishes
With multiple top-3 finishes over the years, our athletes have shown unmatched dedication and consistency, finally culminating in a well-earned championship.

Athletics Domination
Golds in 100m sprint, long jump, high jump, and relay events proved our strength in track and field, earning major points for the overall tally.

Individual Student Achievements

- The student team comprises of Jashwanth Peddisetty (CS20B1007), Haran Ritvick Vemula (CS21B1033), Amit Chigare (EC20B1071), Avinash Changrani (CS20B1044), and Praneeth Devarasetty (CS22B1014) received the prestigious Most Viral Application award at the Convex-hosted Hackathon.
- Three students, Devarakonda SLR Siddesh (CS21B2019), Motamarri Sri Sujan (CS21B1081), and Abhishek M J (CS21B2018) were selected through Flipkart GRiD last year.
- P. Veeresh Kumar(CS22B2026), a second-year B. Tech student in CSE, has won the Code for Good Hackathon organized by JPMorgan Chase & Co.
- Raakeshwaran S (ID22M1001), an M.Des Student, secured 3rd place in the first round of the All India Automotive Design Challenge 2023 .
- Team AKA (Karthiga D - ID21M1012, Athira Balakrishnan - ID21M1011 and Abhishek Patil - ID21M1004), Team RoadRunners (Vivek K K - ID21M1003, Tanmay Kulkarni-ID21M1006, Aakash Ramesh - ID21M1009 and Anupriya Gopal - ID21M1010) and Team Friction (Avinash V - ID21M1001, Senthil Nirai Nilavu PVS - ME20B2004, Sukesh J R - MDM19B024, K Mithelesh - MPD18I008) secured the first three positions in the Design Challenge “Revolve-23” organized by Apollo Tyres LTD in collaboration with IIITDM Kancheepuram.
- Tejaswi Samavedula and his team Mirai won the Gold medal in the ideathon. The ideathon "Hack the Innovative Future" was organized by the Embassy of Japan in India, the Japan Chamber of Commerce and Industry India (JCCII), and the Japan Association Delhi
- Jashwanth Peddisetty (CS20B1007) won the Hacking Heist 2.0 under the category of best Web 2.0 project organized by MLH.
- Team SillyARM (Deep Patel - ME21D0004, Yash Kumar Sahu - CED19I039, Radhika Mittal - CED19I050, Chayan Maiti - ME21M2003), participated in the prestigious RoboCup ARM Challenge 2023, the world’s largest robotics and AI competition, held in Bordeaux, France. Secured 4th position globally and ranked 1st among Indian teams.

Past Recruiters

Placement Procedure

Invitations

Placement Cell IIITDM Kancheepuram, assisted by student representatives, sends an invitation to companies - Placement Brochure Job Notification Form (JNF)

A company can also show interest in recruiting IIITDM Kancheepuram students by contacting Placement Cell, IIITDM Kancheepuram by writing to our email address placement@iiitdm.ac.in, stating intent to visit IIITDM Kancheepuram campus for recruitment.

Response

After receiving filled in JNF and relevant information from a company, Training & Placement Cell will reply within 2-3 working days through email. The dates for campus interviews are allotted on the basis of information provided in JNF. It is expected that correct and complete information is provided by companies in JNF.

Dates

Suitable date for the Pre- Placement Talk (PPT) is decided by the discussions between the companies and the T&P Cell. After confirmation from the companies, students are notified of the PPT date. However, the PPT and recruitment process can also go together.

Registration

Interested students will register for a particular company online through an internal website or by hard copies. After the deadline, the information will be forwarded to companies.

Shortlist

The Companies are required to send the list of shortlisted students by email to the T&P Cell prior to the campus visit for final interviews.

Evaluation

The companies visit the campus for placements on the allotted dates and conduct Group Discussions/ Aptitude test/Technical test/ Personal Interviews etc., as part of their preferred selection procedure.

Decision

The companies are expected to furnish the final list of selected students on the same day after the selection procedure is completed. This will enable the Institute by not allowing the selected students to the companies visiting at later dates.

Conclusion

The decision regarding the dates is at the discretion of the T&P cell. Companies are expected to strictly adhere to the time and dates slots allowed to them. Any change must be notified in advance. The facility of video conferencing is available at the campus and can be availed for the purpose of interviewing candidates in case the company is unable to visit the campus.

Alumni Voice

Vibulan J

CS21B2043

B. Tech CSE (Visa Inc)

I had a great time at IIITDM Kancheepuram. Dr. Sadagopan N's courses on Design and Analysis of Algorithms and Algorithmic Graph Theory were standout experiences that really got me thinking differently about problem-solving. I am happy to have had the opportunity to get hands-on research experience alongside my coursework. I am also grateful to the institute for kickstarting my career. IIITDM gave me the foundation I needed to secure my upcoming role as a Software Engineer at Visa Inc. through campus placements.

Sam Joshua A

ME23M2001

M. Tech SM (Global Foundries)

The way the DIP and DS courses were conducted here had a profound impact on me. They provided valuable opportunities to engage with professionals and gain firsthand exposure to industry-relevant experiences. This immersive approach has greatly enhanced my understanding and prepared me well for future challenges in the field.

Sri Harsha V C SaiRama Vajapeyayajula

CED19I043

2024 Dual Degree - CSE (AMD)

Reflecting on my journey at IIITDM Kancheepuram fills me with immense gratitude for the opportunity to learn in a curriculum focused on innovation. As I embark on my career at AMD,

Kadali Naga Satya Asish

EC21B1009

B. Tech ECE (AMD)

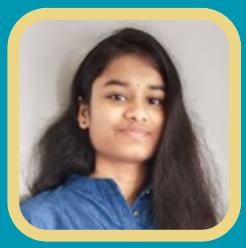
When I entered IIITDM, I had no idea how I'd survive four years. But the first two years were full of joy—classes, events, and the friendships I made taught me a lot. Badminton became my stress-buster. In the third year, reality hit—the race for jobs began. Learning VLSI was tough, and my IIT Ropar internship was the hardest thing I've ever done. I faced many struggles, but I never gave up. Getting placed at AMD was my happiest moment. IIITDM gave me more than just knowledge—it shaped who I am. My journey was full of failures, but each one helped me grow. If I could share one lesson: Believe in yourself and push your limits—you might just discover your true potential.

R. Akshay Chelliah

ME21B2022

B. Tech SM (Accenture)

Smart Manufacturing at IIITDM offered hands-on experience with emerging industry tools, while emphasizing IT integration across sectors. The program's flexible curriculum and wide range of electives allowed me to explore different fields and discover where my true interests lie. This clarity, combined with the practical skills I gained, played a key role in my successful placement. I'm grateful to the institute for its unique academic approach and continuous support throughout the journey.



Sravya

CS21B1024

B. Tech CSE (Applied Materials)

My time at IIITDM Kancheepuram has been a great learning experience. The balanced curriculum and focus on design thinking helped me develop new problem-solving skills. I enjoyed working on projects with faculty and classmates, which improved my teamwork and practical knowledge. The supportive environment helped me grow both personally and professionally. I'm grateful for everything I learned here.

Placement Team

Faculty

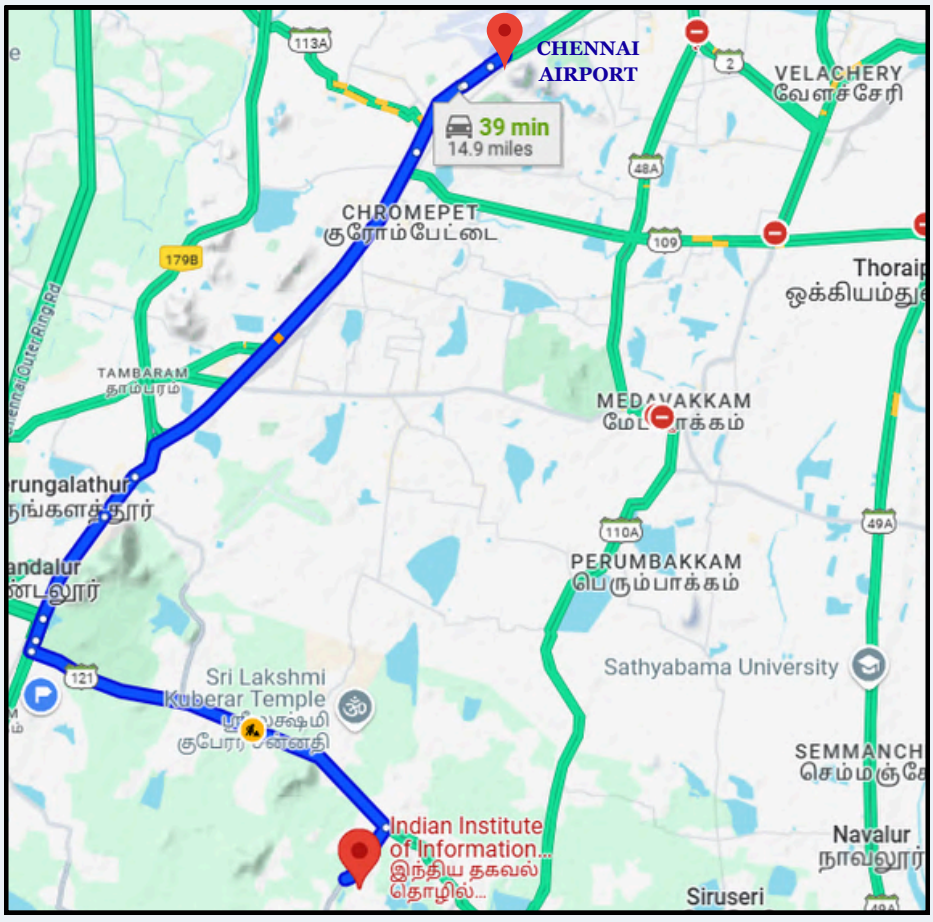
- **Prof. Sreekumar M**
  Chairperson-Placements
- **Dr. Rino Nelson**
  PIC-Internships
- **Dr. Rahul Raman** (CSE)
- **Dr. S. Vijayakumar** (CSE)
- **Dr. P. Rohini** (ECE)
- **Dr. R. Sri Prakash** (ECE)
- **Dr. K. Senthilkumaran** (MECH)
- **Dr. G. Nagamanikandan** (MECH)
- **Dr. M. Arunachalam** (SIDI)
- **Dr. G. Narendran** (SIDI)
- **Dr. Anushree P Khandale** (S&H)

Students

- **K N S Sai Sumakar** (Student Secretary)
- **Nukala Supriya** (Student Jt. Secretary)
- **Dharun Thota** (CSE Team Lead)
- **M Bharat Kumar** (CSE-AI Team Lead)
- **Yathin** (CSE-AI Team Lead)
- **J S Sasank** (ECE Team Lead)
- **Nagendra Kumar** (SM Team Lead)
- **Mohammed Shoaib** (MECH Team Lead)

Office

- **Mr. Azarudeen A**
  TPO
- **Mr. Lakshmi Narayanan M**
  Asst.TPO



IIITDM@24KM FROM CHENNAI AIRPORT

Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram
(IIITDM KANCHEEPURAM)
Off Vandalur-Kelambakkam Road
Chennai - 600127
044-27476316, +91-9344615687
placement@iiitdm.ac.in

SCAN THIS QR CODE FOR EXACT LOCATION