

2025

SHAASTRA BROCHURE



® SHAASTRA 2025
3RD - 7TH JANUARY
FRACTAL FRONTIERS

Presented by



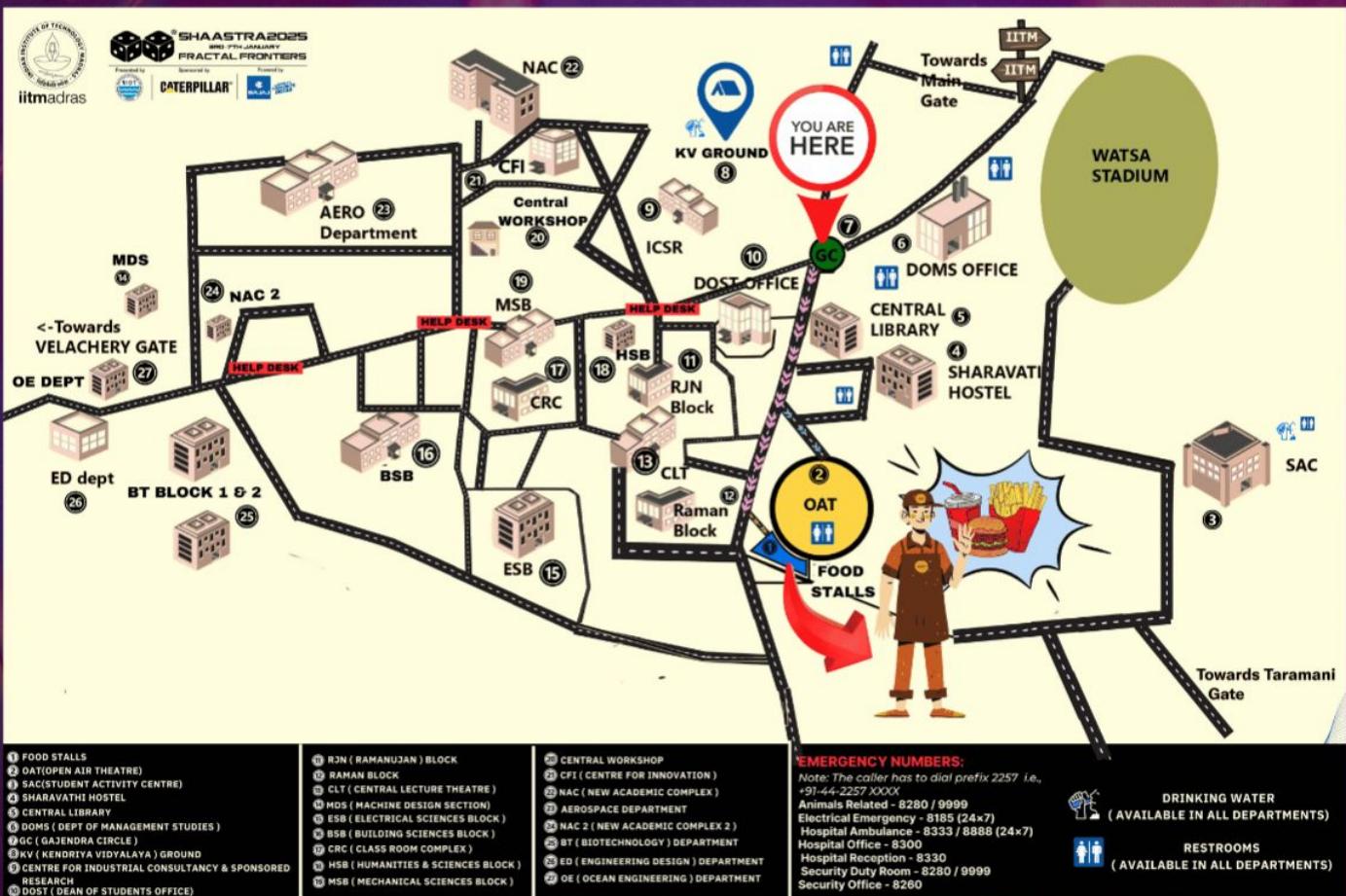
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CAMPUS MAP



1 FOOD STALLS
 2 OAT(OPEN AIR THEATRE)
 3 SAC(STUDENT ACTIVITY CENTRE)
 4 SHARAVATHI HOSTEL
 5 CENTRAL LIBRARY
 6 DOMS (DEPT OF MANAGEMENT STUDIES)
 7 GC (GAENDRA CIRCLE)
 8 KV (KENDRIYA VIDYALAYA) GROUND
 9 CENTRE FOR INDUSTRIAL CONSULTANCY & SPONSORED
 RESEARCH
 10 DOST (DEAN OF STUDENTS OFFICE)

11 RJN (RAMANUJAN) BLOCK
 12 RAMAN BLOCK
 13 CLT (CENTRAL LECTURE THEATRE)
 14 MOS (MACHINE DESIGN SECTION)
 15 ESB (ELECTRICAL SCIENCES BLOCK)
 16 BSB (BUILDING SCIENCES BLOCK)
 17 CRC (CLASS ROOM COMPLEX)
 18 HSB (HUMANITIES & SCIENCES BLOCK)
 19 MSB (MECHANICAL SCIENCES BLOCK)

20 CENTRAL WORKSHOP
 21 CFI (CENTRE FOR INNOVATION)
 22 NAC (NEW ACADEMIC COMPLEX)
 23 AEROSPACE DEPARTMENT
 24 NAC 2 (NEW ACADEMIC COMPLEX 2)
 25 BT (BIOTECHNOLOGY) DEPARTMENT
 26 ED (ENGINEERING DESIGN) DEPARTMENT
 27 OE (OCEAN ENGINEERING) DEPARTMENT

EMERGENCY NUMBERS:
 Note: The caller has to dial prefix 2257 i.e., +91-44-2257 XXXX
 Animals Related - 8280 / 9999
 Electrical Emergency - 8185 (24x7)
 Hospital Ambulance - 8333 / 8888 (24x7)
 Hospital Office - 8300
 Hospital Reception - 8330
 Security Duty Room - 8280 / 9999
 Security Office - 8260

DRINKING WATER (AVAILABLE IN ALL DEPARTMENTS)
 RESTROOMS (AVAILABLE IN ALL DEPARTMENTS)

VENUES



Campus Cafe
CC



Central Electronics
Centre: CEC



Class Room
Complex: CRC



Himalaya Food
Court: HFC



Central Lecture Theatre: CLT
Merch and workshop registration desks are here



Open Air Theatre: OAT
Food Stalls are here



Gajendra Circle
Hospitality desks are here



Ramanujan Block:
RJN



KV Grounds



Student Activity
Center: SAC



Raman Block:
RMN



New Academic
Complex: NAC



Centre For Industrial
Consultancy & Sponsored
Research : ICSR



Humanities and
Social Sciences
Block: HSB

INTRODUCTION

Welcome to Shaastra 2025!

Congratulations on getting your very own Shaastra Brochure. The next 4 days are packed with events that promise to tickle your grey cells, pump up your adrenaline, unleash your creativity, challenge yourself and threaten you to question your beliefs. As you get ready to learn a little while having loads of fun, this brochure is your ticket for having the time of your life. Everything you need to know about Shaastra 2025 is skilfully curated in this brochure. This basically answers all the whys, the whats, the wheres and the whens of Shaastra 2025.

So what are you waiting for?

Get ready to have some serious fun!

- SHAASTRA CORE TEAM 2025





SCHEDULE

IOT DAY I

JANUARY 3, 2025

Events	Venue	Time
Hypercube Visual Bash	RJN 101	9:00-11:00
Shaastra Juniors : Silent Power	RJN 201	9:00-14:00
SJIO augustine Workshop	RMN 101	9:00-17:00
Intro AI and ML Workshop	CRC 103	9:00-17:00
Chanakyaneeeti	CRC 201	14:00-17:00
TIF(Closed Expo: Networking event)	ICSR HALL 4	10:00-16:00
Envisage Show	SAC	17:30-18:30
Robowars	OAT	7:00-22:00
Laser tag	HSB 133	7:00-22:00
Spotlight Lecture Series: Lecture by Dr. Sanjeev Das	CLT	11:00-12:00
Spotlight Lecture Series: Fireside Chat with Dr. Sujatha Ramdorai	CLT	15:00-16:00
Bajaj Auto Lecture - Industry Insights	ICSR Hall 3	15:00-16:00
Brain maze	KV	9:00-18:00
Caterpillar Autonomy Challenge	KV	7:00-22:00
Shaastra Moot Court	NAC 222	16:30- 18:00

CATERPILLAR DAY 2

JANUARY 4, 2025

Events	Venue	Time
IOT Automation with Raspberry pi Workshop	RJN 101	9:00-17:00
KLA Lecture - Industry Insights	ICSR Hall 3	11:00-12:00
Launcher	RJN 102	14:00-17:00
Computational Fluid Dynamics Workshop	RJN 201	9:00-17:00
Intro to DL Workshop	RJN 202	9:00-17:00
Basics of Investing Workshop	RJN 301	9:00-17:00
CAD for industrial design Workshop	RJN 302	9:00-17:00
Cognify - The toy design contest Finale	HSB 210	9:00-17:00
The Teacher Conference	MRC Hall, Library	15:00-18:00
Future Cities Summit Expo	CLT Lawns and KV	8:30-17:00
IDFC FIRST Bank Lecture - Industry Insights	ICSR Hall 3	14:00-15:00
Cognify - Inclusive toy prototype display	KV Ground	9:00-17:00
CP Potpourri Wildcard	RMN 101,102,201	9:00-10:00
CP Potpourri Finals	RMN 101,102,201	11:00-13:00
Opsium	RMN 202	9:00-12:00
Future Cities Summit	ICSR TTJ	9:30-18:00
Shaastra Programming Contest	RMN 101,102,201,202,301,302	14:00-17:00
Implementing AI using Microsoft Azure Workshop	CRC 101	9:00-17:00
Full stack development Workshop	CRC 102	9:00-17:00

CATERPILLAR DAY 2

JANUARY 4, 2025

Events	Venue	Time
Robowars	OAT INSIDE	8:00-21:00
LASER TAG	HSB 133	8:00-21:00
Spotlight Lecture Series: Fireside Chat with Smt. Ruchira Kamboj	CLT	11:00-12:00
The Teacher Conference	MRC Hall, Library	8:30-18:00
Spotlight Lecture Series: Lecture-cum-Fireside Chat by Dr. Harsh Gupta	CLT	14:00-15:00
Elecfest Wildcard challenge	RMN 301,302	10:00-12:00
Eleckart	IE LAB NEW	14:00-17:00
Bio intern connect	ED 108	9:00-13:00
Biomimicry: Nature's best builders	ED 108	15:00-18:00
JMT Workshop	NAC 204,205	8:00-20:00
Road safety challenge finals	ED 109	11:00-16:00
TIF finals	ICSR HALL4	8:00-16:00
Aerofest - Aerial Robotic challenge	SAC	10:00-18:00
Shaastra Moot Court	CRC 103,201,202,203,204	9:30-19:00
Junior Spark Conference	ICSR HALL2	9:00-13:00

BAJAJ AUTO DAY 3

JANUARY 5, 2025

Events	Venue	Time
Quantathon	RJN 101,102	9:00 - 11:00
Building and Experimenting LLMs Workshop	CRC 101	9:00 - 17:00
App Development Workshop	CRC 102	9:00 - 17:00
Cloud Computing Workshop	CRC 103	9:00 - 17:00
Future Cities Summit	ICSR TTJ	9:30-5:30
Tech Entertainment Night	SAC	6:00-22:00
Laser tag	HSB 133	7:00-22:00
Spotlight Lecture Series: Fireside Chat with Dr. Arokiaswamy Velumani	CLT	14:00-15:00
Spotlight Lecture Series: Fireside Chat with Mr. Nambi Narayanan	CLT	16:30-17:30
Embedded Programming Challenge	IE LAB NEW	9:00-12:00
JMT(Build-a-thon)	NAC HALL	7:00-21:00
Caterpillar Autonomy Challenge	KV Grounds	6:00-21:00
Flipkart grid Robotics 6.0	NEWTON HALL (AEROSPACE ENGINEERING DEPARTMENT)	7:00-22:00
Shastra Moot Court finals	KALAM HALL(ED Dept)	9:30-13:00
Brain Maze	KV	9:00-18:00

BAJAJ AUTO DAY 3

JANUARY 5, 2025

Events	Venue	Time
Product Management Workshop	CRC 201	9:00 - 17:00
Shaastra Main Quiz	CRC 202	9:00 - 14:00
Finvent	CRC 204	9:00 - 13:00
Ignite the Future: Rocket Propulsion Workshop	CRC 304	9:00 - 17:00
Crypto Trading Workshop	CRC 305	9:00-17:00
IndustriAI 24 hr Hackathon	RJN and RMN 101, 102, 201, 202, 301, 302	13:00 onwards
Shaastra Smart City Challenge	CRC 203	14:00 - 18:00
Smart Innovation Challenge Finale	CRC 204	14:00 - 18:00
Paper Poster Presentation	CRC 205	14:00 - 17:00
Shaastra Biz Quiz	CRC 202	15:00 - 21:00
Synergy Sustainability Contest	CRC 205	9:00 onwards

IDFC FIRST BANK DAY 4

JANUARY 6, 2025

Events	Venue	Time
Reverse CodingX	RJN 101 ,102	14:00 - 16:00
E-Contest	Online	9:00 - 12 noon
Biotech Frontiers: Discover to Destiny! Workshop	RJN 201	9:00-17:00
C++ Development Workshop	RJN 202	9:00-17:00
IoT prototyping using Arduino Workshop	RJN 301	9:00-17:00
Simulation Techniques and Estimation in ML Workshop	RJN 302	9:00-17:00
IndustriAI 24 hr Hackathon	RJN and RMN 101 , 102, 201, 202, 301, 302	Ends at 13:00
Blockchain Development Workshop	RMN 301	9:00-17:00
From Motors to Wireless Charging: The EV Ecosystem Workshop	RMN 302	9:00-17:00
Robosoccer	CLT Lawns	9:00 - 18:00
Future Cities Summit	ICSR, TTJ	9:30-6:00
NAF's Uzhavu Hackathon	CRC 201	10:00-3:00
Ecomatrix	CRC 202	14:00-17:00
BioGENEius Challenge	CRC 203	14:00-17:00
Brainmaze	KV	9:00-18:00

IDFC FIRST BANK DAY 4

JANUARY 6, 2025

Events	Venue	Time
Comedy night	SAC	6:00 - 10:00
Robo Oceana	OAT	10:00- 18:00
Laser Tag	HSB	6:00 - 10:00
Spotlight	CLT	6:00 - 10:00
Reverse Engineering Challenge	IE Lab	14:00-17:00
Cube Open	UTIL (near GC)	9:00-18:00
Petri Dish Challenge	ED	10:00-12:00
Spotlight Lecture Series: Lecture by Dr. Modadugu Vijay Gupta	CLT	11:00-12:00
Spotlight Lecture Series: Lecture-cum-Fireside Chat by Prof. Subir Sachdev (in co-operation with Office of Global Engagement, IIT Madras)	TTJ Auditorium	15:00-16:00

BOEING DAY 5

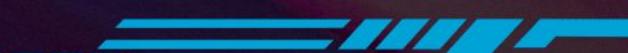
JANUARY 7, 2025

Events	Venue	Time
Clash of codes	RJN 101,102	9:00-12:00
Capture the Flag	Online	9:00 - 12 noon
Appian AI Challenge	RJN 101,102	13:00-17:00
Appian Lecture - Industry Insights	ICSR Hall 3	11:00-12:00
Integrated Robotics: Mechanics to Automation Workshop	RMN 101	9:00-17:00
Quantum Computing Workshop	RMN 102	9:00-17:00
Brainmaze	KV	9:00-18:00

BOEING DAY 5

JANUARY 7, 2025

Events	Venue	Time
Maths Intersection Programming Workshop	RMN 103	9:00-17:00
UI/UX with Figma Workshop	CRC 101	9:00-17:00
Ethical Web Hacking Workshop	CRC 102	9:00-17:00
Atom Quest	CRC 201,202	9:00-13:00
Robo Run + Robosoccer	SAC	9:00-18:00
RIPTIDE	WAVE BASIN (OCEAN ENGINEERING DEPARTMENT)	10:00-17:00
Spotlight Lecture Series: Lecture-cum-Fireside Chat with Hon'ble Justice Shri Dinesh Maheshwari	CLT	11:00-12:00
Spotlight Lecture Series: Lecture by Thiru T. Udhayachandran	CLT	15:30-16:30
Analog Circuit Design Challenge	IE Lab	14:00-17:00
JMT(Finals)	NAC	8:00-18:00
Weird Chess 3.0	GYMKHANA	14:00-17:00
Spotlight Lecture Series: Online Lecture by Mr. Satish Pai	CLT	17:30-18:30



HIGHLIGHTS

CHIEF GUEST



Dr. T.R.B. Rajaa



RESEARCH PARK

Minister of Industries, Tamil Nadu.

CATERPILLAR DAY 2

SPOTLIGHT LECTURE SERIES

Speaker Name: Ruchira Kamboj

Designation: Retired IFS Officer,
Ambassador-designate of India to the UN

Format: Fireside Chat

CLT



11:00AM - 12:00PM



Speaker Name: Dr Harsh Gupta

Designation: Geophysicist,
Padma Shri Awardee

Format: Lecture & Fireside Chat

CLT



2:00PM - 3:00PM



LASER TAG

Presenting an exhilarating and adrenaline-pumping experience, Laser Tag. Come participate with your friends to navigate through darkened arenas armed with laser guns, aiming to tag opponents and score points. The excitement peaks as teams strategize, communicate, and execute their plans in real-time!



ROBO WARS

Robo Wars transforms arenas into battlegrounds where mechanical gladiators clash, combining engineering prowess & strategy in electrifying duels that captivate with sparks and innovation.

Date: 4th January 2025

Venue: OAT, IIT Madras

Time: 5 PM

BAJAJ AUTO DAY 3

SPOTLIGHT LECTURE SERIES

Speaker Name : DR . VELUMANI

Designation: Founder of Thyrocare Technologies Ltd

Format: Fireside Chat

 CLT  2:00 PM - 3:00 PM



Speaker Name : Mr Nambi Narayanan

Designation: Retired ISRO Scientist, inventor of the Vikas Engine

Format: Fireside Chat

 CLT  4.30PM - 5:30PM



TECH-ENTERTAINMENT NIGHT

Tech-Entertainment Night, a sonic kaleidoscope, weaves techno's DNA into a vibrant tapestry of beats, melodies, and boundless energy. Join us for an electrifying experience, with a mesmerizing headlining performance by Karan Kanchan, the multi-genre music producer and International DJ Camilla Lynx.

 STUDENT ACTIVITY CENTRE (SAC)

 7 : 00 PM



IDFC FIRST BANK DAY 4

SPOTLIGHT LECTURE SERIES

Speaker Name : Dr. Modadugu Vijay Gupta

Designation: Biologist and Fisheries Scientist,
World Food Prize awardee

Format: Lecture

 CLT  11:00AM - 12:00PM



Speaker Name : Dr. Subir Sachdev

Designation: Professor of Physics at Harvard
University,
Dirac Medal Awardee

Format: Lecture & Fireside Chat

 CLT  3:00 PM - 4:00 PM



COMEDY NIGHT

Step into the world of Gurleen Pannu, where every punchline hits home and every story keeps you rolling in laughter! With her razor-sharp wit, relatable humor, and a knack for turning the quirks of life into side-splitting comedy, Gurleen is here to prove that laughter truly is the best medicine.

 SAC  8:00 PM



BOEING DAY 5

SPOTLIGHT LECTURE SERIES

Speaker Name : Hon'ble Justice Shri Dinesh Maheshwari

Designation: Former Justice of the Supreme Court

Format: Fireside Chat

 CLT  11:00 AM - 12:00 PM



Speaker Name : Thiru T. Udhayachandran

Designation: Principal Secretary to the Government of Tamil Nadu, Department of Finance

Format: Lecture

 CLT  3:30AM - 4:30PM



Speaker Name : Mr. Satish Pai

Designation: Managing Director of Hindalco Industries

Format: Online Lecture

 CLT  5:30 PM - 6:30 PM





WHAT'S NEW
THIS
SHAASTRA

FUTURE CITIES SUMMIT - AN INTERNATIONAL CONFERENCE

Explore themes like AI, Sustainability, Urban Planning, and more through lectures, panel discussions, certifiable workshops and hackathons. Delegates will have the opportunity to connect with startups at the Future Cities Expo, interact with IITM professors, and secure internships with leading AI companies. Register soon at summit.shaastra.org. On spot registrations also available!



UZHAVU - SHAASTRA'S SOCIAL CAMPAIGN

Uzhavu, Shaastra's flagship social campaign, is a revolutionary initiative to empower India's agricultural backbone. Through skill-building programs in villages, hackathons addressing real-world farming challenges, and community-driven marathons raising awareness, by equipping farmers with cutting-edge tools and knowledge, Uzhavu plants the seeds for a brighter tomorrow.



INDUSTRIAI - A SMART MANUFACTURING RESEARCH CONFERENCE

IndustriAi is a three-day research conference that reimagines the future of manufacturing. It showcases the integration of AI and IoT into fully automated supply chains. Featuring thought-provoking keynote lectures and discussions led by global experts, IndustriAi offers a deep dive into breakthrough technologies, paving the way for the next industrial revolution.



REWIRE - A COGNITIVE ENHANCEMENT INITIATIVE

ReWire is a cognitive enhancement initiative focused on children with neurodivergent conditions like Autism, ADHD, and Dyslexia. It features a pan-India inclusive toy design contest culminating as a grand finale with a Toy Display and a teacher conference on improving cognition and fostering inclusive classrooms. It also includes a inclusive world record attempt within an immersive Brain Maze exhibition at Shaastra.



Register at rewire.shaastra.org

BIOGEN

PETRI DISH CHALLENGE

Petri Dish Challenge is a two-day event that challenges participants to identify unknown bacteria through a series of rigorous laboratory experiments.

5TH -6TH JANUARY



9AM TO 12PM

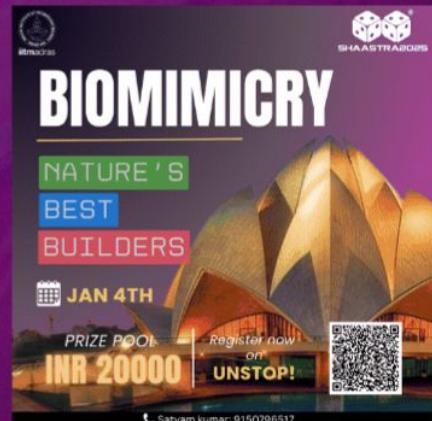


BIOTECH DEPARTMENT UG LAB

BIOMIMICRY: NATURE'S BEST BUILDERS

This two-round event challenges participants to design innovative, nature-inspired architectural solutions for a sustainable future.

4TH JANUARY



CLASH OF CODES

Clash of Codes is the ultimate challenge for bioinformatics enthusiasts, combining the thrill of coding with the intrigue of biology.

7TH JANUARY



9AM-12PM



RJN



EVENTS

ON-SPOT EVENTS

TEMENOS INDUSTRIAL 24HR HACKATHON

Get ready for an intense 24-hour innovation sprint from Jan 5 to Jan 6 at IIT Madras. Dive into the world of AI/ML, software development, and digital security, tackling intriguing challenges and showcasing your creativity. MacBooks for the top 3 winning teams!

Whether you're a coding ninja or just starting out, this is your chance to collaborate, learn, and push the boundaries of technology.

 5TH JAN-6TH JAN

 1PM 5TH JAN - 1PM 6TH JAN

temenos

INDUSTRI AI
24-HOURS HACKATHON

PRIZE - MACBOOKS FOR WINNERS

- 5th - 6th JAN
- TEAMS OF 1-4
- IIT MADRAS

Register Here



industrialshastra.org

Rishabh - 7416101205 | Arshon - 09302 256925



 RJN AND RMN

IDFC CP POTPOURRI- WILDCARD ROUND

Missed the prelims? Don't worry—here's your chance to secure a spot in the finals through this exciting wildcard round! With fresh and innovative challenges revealed on the spot, this event ensures no coder is left behind in the race to compete in CP Potpourri's grand finale.

 4TH JAN

 9AM-10AM

 RMN



WILDCARD CHALLENGE

The Wildcard Round of Elecfest, Shaastra 2025, held at IIT Madras, will be based on Embedded Systems, Analog Circuits, and Digital Circuits. It offers students across India a chance to qualify directly for the finals of Eleckart, Embedded Programming Challenge, Analog Circuit Design Challenge, and Reverse Engineering Challenge. Participants can compete individually or in teams of 2.

 4TH JAN

 10:00 AM

 RMN



ON-SPOT EVENTS

ARCESIUM E-CONTEST

Step away from conventional coding languages like Java, C++, and Python, and embrace the unexpected in the E-Contest. Here, participants explore esoteric programming languages that challenge both logic and creativity. It's a unique opportunity to broaden your programming horizons and think outside the box, making it a standout event in Shastra's lineup



6TH JAN

9AM - 12NOON

ONLINE CONTEST

IDFC CAPTURE THE FLAG

Dive into the exciting world of cybersecurity with Capture The Flag, sponsored by IDFC Bank. A high-stakes competition where participants tackle cryptic puzzles, uncover hidden vulnerabilities, and race against time to capture "flags." This event is not just about problem-solving; it's an adrenaline-pumping journey into the realm of ethical hacking and security expertise.



7TH JAN

9AM - 12NOON

ONLINE CONTEST

AEROFEST

ROBO OCEANA

Robo Oceana is an exhilarating underwater robotics challenge where teams design and deploy advanced robots to conquer marine-inspired tasks. From navigating underwater terrains to retrieving objects and performing precision tasks, it's a true test of innovation, engineering, and problem-solving. Experience the thrill as cutting-edge tech meets real-world maritime challenges!!



6TH JANUARY



10AM - 4PM



OAT

RIPTIDE

Riptide is an exciting new addition to Shaastra, featuring remote-controlled (RC) boats. This event challenges participants to design and operate RC boats capable of completing tasks such as navigating obstacle courses and performing precision maneuvers. It introduces a fresh avenue for innovation in marine technology and hands-on engineering.



7TH JANUARY



10AM-5PM



WAVE BASIN (OCEAN
INGENIERING DEPARTMENT)

SARC

A new event at Shaastra, SARC challenges participants to design autonomous drones capable of performing complex tasks like obstacle navigation and object handling, pushing innovation in aerial robotics.



4TH JANUARY



10AM-4PM



SAC

FLIPKART GRID ROBOTICS CHALLENGE 6.0

"GRID 6.0 | Smart Vision" challenges participants to design innovative camera vision solutions for quality and quantity testing in e-commerce.

 5TH JANUARY

 9AM-6PM

 NEWTON HALL(AEROPSACE ENGINEERING DEPARTMENT)



WATER ROCKET CHALLENGE

A thrilling event for school students, the Water Rocket Challenge tasks participants with designing and launching water-powered rockets to achieve maximum distance, combining creativity with basic principles of physics.

 3TH JANUARY

 10AM - 2PM

 FOOTBALL GROUND

BOEING AEROMODELLING COMPETITION

Boeing Aeromodelling is the ultimate test of aerodynamic innovation and engineering brilliance! Participants design and build high-performance model aircraft to take on exciting challenges like precision gliding, acrobatic maneuvers, and long-distance flights. With Boeing's legacy of aviation excellence as inspiration, this event pushes creativity and technical skills to new heights.

 25TH - 26TH JANUARY

 10AM TO 4PM

 IIITDM

Business Events

CHANAKYANEETI

Step into the shoes of a consultant and master the art of delivering what clients truly need in this high-stakes corporate strategy event. Sharpen your decision-making skills and navigate real-world business conundrums like a pro.



3RD JANUARY



2 PM



CRC 201

A purple-themed promotional banner for 'CHANAKYANEETI: The Consulting Event'. It features a chessboard background with pieces. At the top right is the ShastraBros logo. Below it, the title 'CHANAKYANEETI' and 'The Consulting Event' are displayed. A subtext reads 'Unleash your brilliance and outsmart the best in the ultimate battle of strategies!'. A blue button on the right says 'PRIZE POOL: INR 50,000/-'. A QR code with the text 'Register Now' is at the bottom right. A registration closing notice 'Dec 11' is in the center-left. The footer contains contact numbers 'Joe - 9159594455 | Bhavya - 8860808510'.

ECOMATRIX

Bring out the economist in you by solving real-world case studies creatively and presenting your solutions to industry experts. Tackle modern challenges across sectors and let your ideas shine.



6TH JANUARY



2 PM



CRC 202

A dark blue-themed promotional banner for 'ECOMATRIX: The Economics event'. It features a world map background. At the top right is the ShastraBros logo. The title 'ECOMATRIX' and subtitle 'The Economics event' are in the center. A subtext reads 'Unleash your inner economist and turn economic challenges into winning solutions!'. A blue ribbon banner on the left says 'Prize Pool- ₹ 30,000'. A QR code with 'Register now!!' is on the right. A registration deadline notice 'Registration Deadline: 8th December 2024' and venue information 'Venue: Online' are at the bottom. Contact numbers 'Indresh - 9369466365 | Chitharth - 8248605533' are at the very bottom.

LAUNCHER

Unleash your marketing genius to craft innovative ads, reinvent brands, and redefine bold marketing strategies. Compete for exciting prizes and prove you're the ultimate branding maestro!



4TH JANUARY



2 PM



RJN 102

A light blue-themed promotional banner for 'LAUNCHER: Rebrand the Name, Win the Game!'. It features a rocket ship and megaphone icon. At the top right is the ShastraBros logo. The title 'LAUNCHER' and subtitle 'Rebrand the Name, Win the Game!' are in the center. A subtext reads 'The ultimate playground for creative marketing minds!'. Two yellow callout boxes on the right say 'PRIZE POOL RS 40,000' and 'REGISTER NOW!'. A QR code is at the bottom right. The footer contains contact numbers 'Tabu-97046 61791 | Swathi-8220881609'.

FINVENT

Dive into the electrifying world of finance with high-stakes auctions, strategic challenges, and investment thrills. Showcase your brilliance, network with peers, and win big!



5TH JANUARY



9AM



CRC 204



OPSIUM

Solve cutting-edge Operations and Supply Chain challenges with innovative, sustainable solutions. Compete to prove your mettle in the world of agile supply chain management!



4TH JANUARY



9AM



RMN 202



BIOGEN

PETRI DISH CHALLENGE

Petri Dish Challenge is a two-day event that challenges participants to identify unknown bacteria through a series of rigorous laboratory experiments.



5TH -6TH JANUARY



9AM TO 12PM



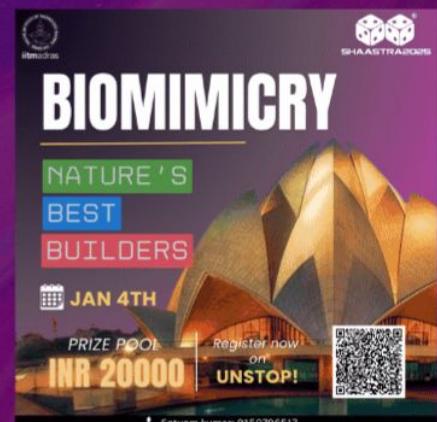
BIOTECH DEPARTMENT UG LAB

BIOMIMICRY: NATURE'S BEST BUILDERS

This two-round event challenges participants to design innovative, nature-inspired architectural solutions for a sustainable future.



4TH JANUARY



CLASH OF CODES

Clash of Codes is the ultimate challenge for bioinformatics enthusiasts, combining the thrill of coding with the intrigue of biology.



7TH JANUARY



9AM-12PM



RJN



PAPER AND POSTER PRESENTATION

This event offers a unique platform for participants to dive deep into real-world biological and genetic engineering challenges, conduct meaningful research, and showcase their findings.



5TH JANUARY



2PM TO 5PM



CRC 205



BIOINTERN CONNECT

BioIntern Connect is an exciting initiative in connecting students with research internship opportunities in biotechnology professors' labs in just one day.



4TH JANUARY



9AM TO 1 PM



ED108



BIOGENEIUS CHALLENGE

The BioGENEius Challenge is a premier case study competition that invites students to explore innovative solutions to global challenges using biotechnology.



6TH JANUARY



2 PM TO 5 PM



CRC 203



CODING & LOGIC

KLA SHAASTRA PROGRAMMING CONTEST

This annual Competitive Coding Contest is a flagship event of Shaastra. This year, it debuted as a Starters 164 rated contest on CodeChef, marking a first in its history. With prelims conducted online and offline finals in ICPC style, this premier competition is sponsored by KLA and boasts a prize pool of ₹1.2 lakh.



4TH JANUARY



2-5PM



RMN

IDFC CP POTPOURRI

CP Potpourri blends competitive programming with quirky challenges like code golfing and debugging. Sponsored by IDFC Bank, it's an exciting platform to showcase creativity and skill in unconventional ways. Expect surprises and unique twists in this vibrant coding showdown.



4TH JANUARY



11AM-1PM



RMN

TEMENOS INDUSTRIAL 24-HOUR HACKATHON

Get ready for an intense 24-hour innovation sprint. Dive into the world of AI/ML, software development, and digital security. MacBooks for the top 3 winning teams!

Whether you're a coding ninja or just starting out, this is your chance to collaborate, learn, and push the boundaries of technology.



5TH JANUARY



1PM(5TH)- 1PM(6TH)



RMN, RJN

AVANSE REVERSE CODINGX

Uncover hidden logic in this one-of-a-kind event featuring puzzles, brainteasers, and coding challenges. Reverse Coding X demands creative thinking and sharp reasoning as you solve mysteries from given inputs and outputs.

Prize Pool - INR 40,000/-
CHANCE TO GRAB EXCLUSIVE MERCH !!
FINALS: 6TH JAN, IIT MADRAS
Amruta - 7420834862 | Harshada - 9611340079



6TH JANUARY



2PM-4PM



RJN

AVANSE QUANTATHON

Love numbers, logic and creative thinking? Thrive on cracking patterns and solving tough problems? Quantathon is the ultimate event for bold thinkers and problem solvers! It includes probability, math and logical thinking challenges.



5TH JANUARY



9AM-11AM



RJN

ARCESIUM E CONTEST

Step away from conventional coding languages like Java, C++, and Python, and embrace the unexpected in the E-Contest. Here, participants explore esoteric programming languages that challenge both logic and creativity. It's a unique opportunity to broaden your programming horizons and think outside the box, making it a standout event in Shastra's lineup.



6TH JANUARY



9AM-12NOON

Arcesium
CONTEST
PRIZE POOL
INR 30,000
6TH JAN
ONLINE
Chance to grab exciting
Shastra Merch !!
TOSITH - 9167225812 | RISHYANTH - 7416101205 | AYUSH - 8767466307
Register Now!

ONLINE CONTEST

IDFC CAPTURE THE FLAG

Dive into the exciting world of cybersecurity with Capture The Flag, sponsored by IDFC Bank. A high-stakes competition where participants tackle cryptic puzzles, uncover hidden vulnerabilities, and race against time to capture "flags." This event is not just about problem-solving; it's an adrenaline-pumping journey into the realm of ethical hacking and security expertise.



7TH JANUARY

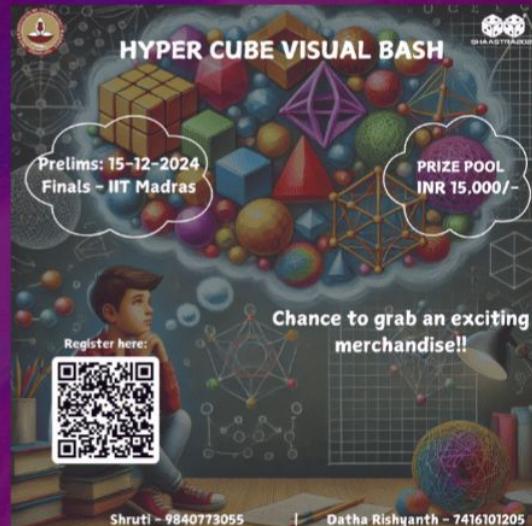


9AM-12NOON

ONLINE CONTEST

HYPERCUBE VISUALBASH

Making its debut this year, Hypercube Visual Bash blends graph theory and 3D geometry into a single, exhilarating competition. Packed with optimization strategies and unique problem formats, this event promises to challenge participants in ways they've never experienced before.



3RD JANUARY



9AM-11AM



RJN

STRATEGIC SHOWDOWN (STALL EVENT)

Master the art of strategy in this engaging event where you devise winning plans for a variety of games. Stay ahead of your opponents and outsmart the competition. It's a game of wits where every move counts.

WEIRD CHESS

This is an exciting chess-themed event with a unique twist—the rules will be customized by us!



7TH JANUARY



2PM-5PM



INSTI GYMKHANA

FEDEX SMART CHALLENGE

Get ready for FedEx SMART Hackathon! Gear up to solve cutting-edge challenges in software development, AI, and sustainable logistics to design smarter, greener delivery systems for a global leader in transportation. Prizes include an internship opportunity with FedEx SMART, IIT Madras.

Whether you're a seasoned developer or eager to learn, this is your chance to leave a mark on the future of logistics.



JAN END

APPIAN AI CHALLENGE

We are excited to announce the national Appian AI Application Challenge, a premier event at Shaastra 2025, the annual technical festival of IIT Madras. This competition offers students a unique platform to develop innovative AI-driven solutions to real-world problems, in collaboration with Appian, a leader in process automation and AI integration.



7TH JAN



2PM-5PM

WEIRD CHESS

Prize Pool - INR 20,000/-



PRELIMS 1 : DEC 9
PRELIMS 2 : DEC 13
FINALS : IIT MADRAS

PARTICIPATE & WIN
EXCLUSIVE SHAASTRA
MERCH!!



Register Now !!

FedEx SMART CHALLENGE

PRIZE POOL - INR 60,000/-

FINAL
IIT MADRAS

DEADLINE
7TH JAN

REGISTER HERE

Vivek- 9209021523 | Aishani - 99302 25635

Shaastra 2025

IIT MADRAS - FedEx SMART

Sponsored by CATERPILLAR

Presented by MAHINDRA

appian

AI APPLICATION
CHALLENGE

PRIZE POOL
75,000 INR

SUBMISSION DEADLINE
26TH DEC

FINALS AT IIT MADRAS
7TH JAN

REGISTER HERE

MAHENDRA - 7995187648 || SHANMUKH - 7989586731

Shaastra 2025



RJN

DESIGN & BUILD

ROBOWARS

Get ready for an electrifying clash of metal and sparks at Robowars 2025, hosted at Shaastra, IIT Madras! Witness the ultimate showdown as cutting-edge combat robots battle it out for glory. Experience the thrill of roaring machines, strategic maneuvers, and raw power in an adrenaline-pumping arena. Don't miss this spectacular event where technology meets destruction! Join us and be part of the crowd that witnesses the most thrilling event at Shaastra!



3RD AND 4TH JAN



3RD JAN: 11 AM

4TH JAN : 5:00 PM



OAT

CATERPILLAR AUTONAMY CHALLENGE

Attention Tech enthusiasts! Witness the ultimate test of engineering and innovation at the Caterpillar Autonomy Challenge. Watch autonomous rovers conquer obstacles, mine sand, and deposit it with precision and skill. Marvel at the perfect blend of AI, robotics, and problem-solving in action. Don't miss the thrill as these intelligent machines tackle every challenge thrown their way. .



3RD AND 5TH JAN



9:00AM



KV GROUND

ROBOSOCCER

Get ready for a thrilling showdown at Robosoccer. Watch as robots showcase their agility, strategy, and precision in passing and scoring goals in the match. Feel the buzz as technology takes center stage in this unique blend of sport and innovation.



6TH AND 7TH JAN



9:00AM



6TH - CLT AREA
7TH - OAT

ROBORUN

Experience the excitement of Robo Run, where talented teams design autonomous robots that navigate complex paths with precision and speed. This event highlights creativity, engineering skills, and innovation. Don't miss this thrilling showcase of technology in action!



7TH JAN



9:00AM



SAC

ELECFEST

ANALOG CIRCUIT DESIGN CHALLENGE

SPONSORED BY BAJAJ AUTO

Analog Circuit Design Challenge(ACDC) is the perfect test for the people whose interests lie in analog. Opamps, Mosfets, BJTs, Converters, whatever you are interested in, we will cover them all. The initial round was a test which required participants to solve the given problems. The final round is a circuit design challenge in which you have to design a particular circuit(s) which satisfies our given specifications. Join us for a challenge which tests you as close as a real life job would.



7TH JAN



2:00 PM



IIT MADRAS

ATOM QUEST

Solve real-world Mech-Electronics challenges, collaborate with Atomberg's R&D team, and unlock exciting prizes, internships, and career opportunities



7TH JAN



9:00AM



CRC

SHAASTRA SMART CITY CHALLENGE

Enter the forefront of the Shaastra Smart City Challenge, sponsored by L&T Edutech! Embrace innovation to reshape urban living with transformative technological solutions. This challenge aims to revolutionize cities into smarter, more efficient hubs through collective ingenuity. With two rounds—report submission and presentation—it's an ideation-based event for teams of 1-3 members. Join us in tackling urban challenges and paving the way for a smarter future!



5TH JAN



2:00 PM



CRC

ELECKART

Explore the world of digital electronics in this hands-on event designed for enthusiasts and problem-solvers. Participants will design, build, and optimize digital circuits to meet real-world challenges. From logic gates to complex combinational and sequential systems, showcase your creativity and technical skills. Step into the fast-paced digital domain and bring your ideas to life!



4TH JAN



2:00 PM

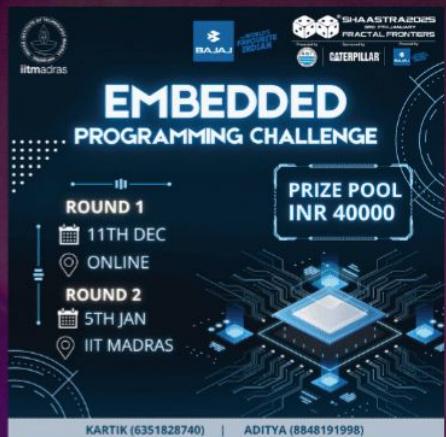


IE LAB

EMBEDDED PROGRAMMING CHALLENGE

SPONSORED BY BAJAJ AUTO

The Embedded Systems Challenge tests your microcontroller skills, focusing on practical implementation with actuators like servos, LDRs, and sensors, beyond just theoretical knowledge.



5TH JAN



9:00 AM



IIT MADRAS

REVERSE ENGINEERING

SPONSORED BY NIOT

Dive into the fascinating world of digital, embedded, and analog systems as you decode and recreate complex circuits. Participants will analyze black-box systems, troubleshoot designs, and reconstruct their functionality using theoretical and practical knowledge. Test your skills in deciphering FSMs, embedded controllers, and analog designs. Unleash your problem-solving abilities and take on this ultimate engineering challenge!



6TH JAN



2:00 PM



IE LAB

WILDCARD CHALLENGE

The Wildcard Round of Elecfest, Shaastra 2025, held at IIT Madras, will be based on Embedded Systems, Analog Circuits, and Digital Circuits. It offers students across India a chance to qualify directly for the finals of Eleckart, Embedded Programming Challenge, Analog Circuit Design Challenge, and Reverse Engineering Challenge. Participants can compete individually or in teams of 2.



4TH JAN



10:00 AM



RMN



IGNITE

SHAASTRA MAIN QUIZ

Shaastra Main Quiz, the centerpiece of Shaastra's quiz lineup; is one's chance to showcase their abilities in the realm of sci-tech quizzing, and demonstrate their prowess when facing off against other such enthusiasts.



5TH JAN



9:00AM



CRC - 202

AT MAKE-A-THON

SPONSORED BY R2D2

The event's primary goal is to provide an effective solution by combining students' innovative ideas with the resources of R2D2. By implementing successful prototypes designed by students, we aim to enhance the quality of life for the elderly, adults, and children with disabilities.



TBD



TBD



TBD

SHAASTRA BIZ QUIZ

Are you ready to test your business knowledge and have a fun time quizzing with us at Shaastra 2025? The Biz Quiz is the perfect event for anyone who loves learning about the world of business and all the fascinating stories it has to offer.



5TH JAN



3:00 PM



CRC - 202

MOOT COURT

**SPONSORED BY
SURANA & SURANA**

One of the premier events at Shaastra, sponsored by Surana & Surana International Attorneys, is the Moot Court competition. Participants engage in simulated court proceedings, drafting memorials, and presenting oral arguments.



The poster for the 8th Surana & Surana and Shaastra IIT Madras Intellectual Property Law Moot Court competition. It features the Shaastra logo, the date 2024-25, and the location IIT Madras. The poster includes a QR code for registration, contact numbers for Dhisanth (+91 8072433233) and UTHSAV (+91 7338706583), and a note about the last day for registration being December 18th. The prize pool is listed as INR 85,000.



3RD-5TH JAN



9:30 AM



DAY 1: NAC 222

DAY 2: CRC

FINALS (DAY 3): KALAM HALL

SHAASTRA CUBE OPEN

SPONSORED BY CUBELELO

The team of Shaastra, IIT Madras, brings you a Rubik's cube competition, Shaastra Cube Open. Get ready to put your muscle memory and spatial thinking skills to the test. With 5 events - 3x3, 2x2, 4x4, One Handed, Skewb, and a Team Relay event where you get to challenge your coordination and understanding with fellow cubers.



The poster for the Shaastra Cube Open competition. It features the Shaastra logo, the date 6th Jan 2025, and the location UTIL. The poster includes a QR code for registration, contact number for Anushree (+91 75502 23148), and a note about the event starting at 9:00 a.m. The prize pool is listed as INR 30,000.



6TH JAN



9:00 AM



UTIL

SILENT POWER (SHAASTRA JUNIORS)

This event challenges children to unleash the hidden strength of silent attention. Through fun and engaging activities, children will explore the power of focused listening and deepen their understanding.



3RD JAN



9:00 AM



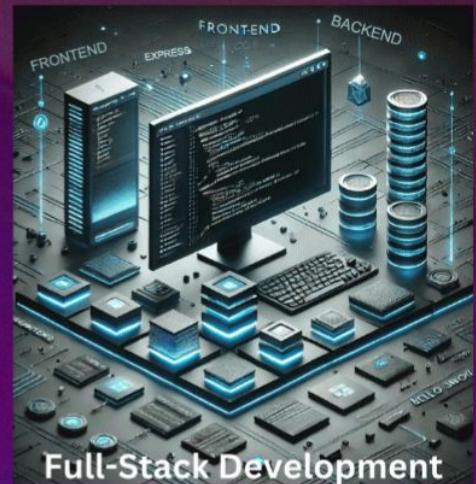
RJN 201



WORKSHOPS

FULL STACK DEVELOPMENT

In a technology-driven era, Full Stack Development stands at the forefront of building robust and scalable digital solutions. This workshop offers a comprehensive introduction to both front-end and back-end development, equipping participants with the knowledge to design and implement end-to-end web applications. From mastering HTML, CSS, and JavaScript to understanding server-side programming, databases, and APIs, attendees will get hands-on experience with the tools and technologies shaping modern software development. Whether you're aspiring to be a versatile developer or simply exploring a career in tech, this workshop provides the foundation to build your first full-stack project and beyond.



4TH JAN



9:00 TO 12:00

14:00 TO 17:00



CRC102

PRODUCT MANAGEMENT

In today's product-driven world, successful products drive market growth and innovation, making Product Management a crucial role in any digital company. Product Managers play a key role in overseeing a product's journey from concept through to launch and beyond. This workshop is designed to introduce the idea of Product Management so they can make informed career decisions.



5TH JAN



9:00 TO 12:00

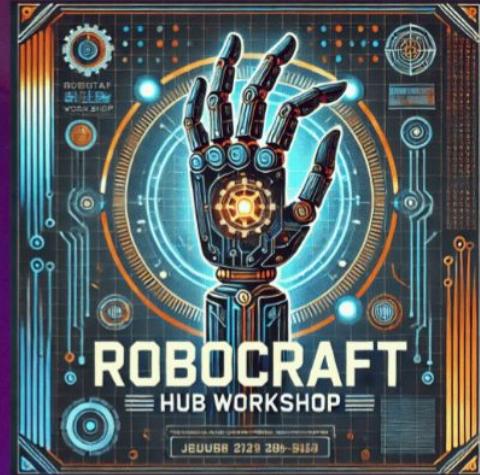
14:00 TO 17:00



CRC 201

INTEGRATED ROBOTICS: MECHANICS TO AUTOMATION

The "Integrated Robotics Workshop" is designed to provide participants with a deep understanding of the various application-specific robotics and explore the fundamental ideas and methods for building and operating robots effectively.



7TH JAN



9:00 TO 12:00

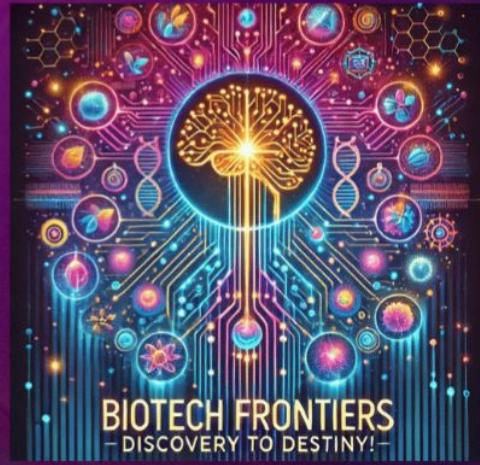
13:00 TO 16:00



RMN 101

BIOTECH FRONTIERS: DISCOVER TO DESTINY!

Dive into the world of modern biotechnology with this hands-on workshop exploring key segments like green, red, and computational biotechnology. Engage in practical lab activities, analyze Nobel-winning research, and learn bioinformatics tools to solve real-world challenges.



6TH JAN



9:00 TO 12:00

14:00 TO 17:00



RJN 201

COMPUTATIONAL FLUID DYNAMICS

Computational Fluid Dynamics (CFD) is a vital tool in academia and industries like aerospace and environmental engineering.

This workshop equips students with practical skills and insights into using CFD to solve real-world fluid flow challenges.



4TH JAN



9:00 TO 12:00

14:00 TO 17:00



RJN 201

CAD FOR INDUSTRIAL DESIGN

This workshop explores industrial design concepts through hands-on CAD software (SolidWorks and OnShape) applications. Participants will learn design thinking, brainstorming, and rapid prototyping while creating 3D models and 2D drafts adhering to ISO and ANSI standards. It covers material selection, manufacturing processes, and collaborative assembly building. Emphasis is placed on ergonomics, quality control, and product lifecycle management for user-centric design.



4TH JAN



9:00 TO 12:00

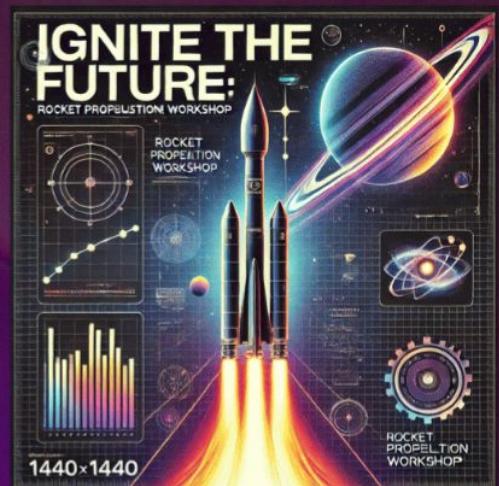
14:00 TO 17:00



RJN 302

IGNITE THE FUTURE: ROCKET PROPULSION

Hands-on experience with rocket simulation software like OpenRocket and learn the theory, calculations, and science behind rocket design. We'll also explore Fusion 360, a powerful tool for creating CAD models of rockets and their components.



5TH JAN



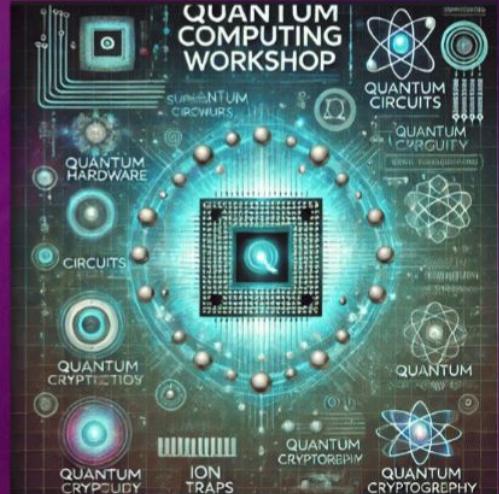
9:00 TO 12:00
14:00 TO 17:00



CRC 304

QUANTUM COMPUTING

In this workshop, we aim to introduce you to the world of quantum computation by taking you through the fundamentals of realizing a quantum computer as well as tackling some problems using by implementing quantum algorithms on well-known quantum software.



7TH JAN



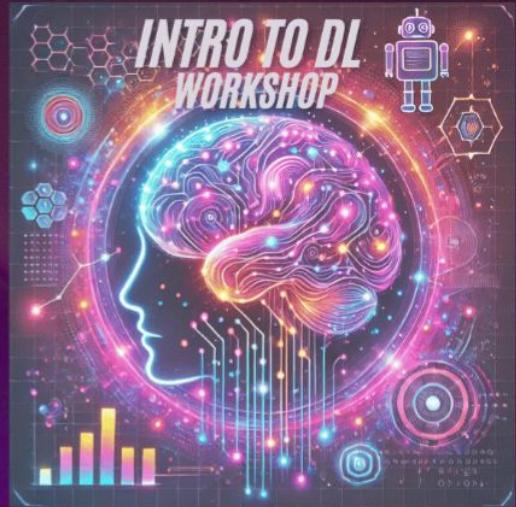
9:00 TO 12:00
13:00 TO 16:00



RMN 102

INTRO TO DL

Embark on a journey into the world of Deep Learning with this comprehensive workshop. Explore the foundations of neural networks, master key concepts like forward and backward propagation, and gain hands-on experience building and training models using PyTorch. Dive into advanced topics such as CNNs, transfer learning, and their real-world applications.



4TH JAN



9:00 TO 12:00

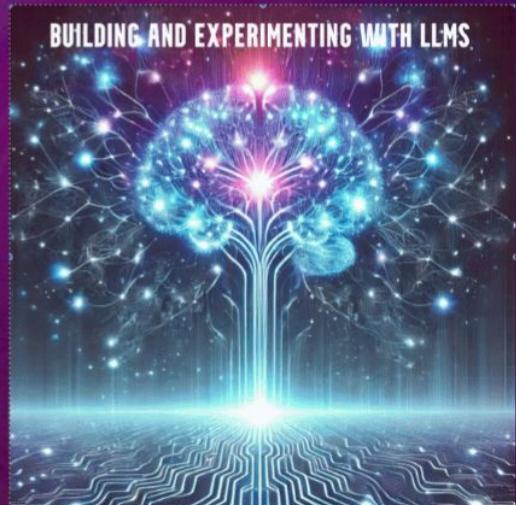
14:00 TO 17:00



CRC101

BUILDING AND EXPERIMENTING LLMS

The "Building and Experimenting with LLMs" workshop by IIT Madras offers a hands-on introduction to Generative AI and Large Language Models (LLMs). Led by experts Parthasarathy and Dr. Mahesh Balan, the workshop covers key concepts like prompt engineering, OpenAI Playground experimentation, and retrieval-augmented generation (RAG). Participants will gain practical skills to explore and apply LLMs effectively, equipping them to build innovative AI solutions for real-world challenges.



5TH JAN



9:00 TO 12:00

14:00 TO 17:00



CRC 101

IMPLEMENTING AI USING MICROSOFT AZURE

This hands-on workshop provides participants with comprehensive insights into implementing Artificial Intelligence (AI) solutions using Microsoft Azure. It covers Azure AI Services, including computer vision, natural language processing (NLP), and generative AI. Participants will explore Azure's tools and platforms to create innovative AI applications. The sessions are structured to combine theoretical concepts with practical labs, offering an engaging learning experience. Designed for participants with diverse backgrounds, this workshop equips attendees with the skills to leverage AI technologies effectively, even with minimal prior expertise in the field.

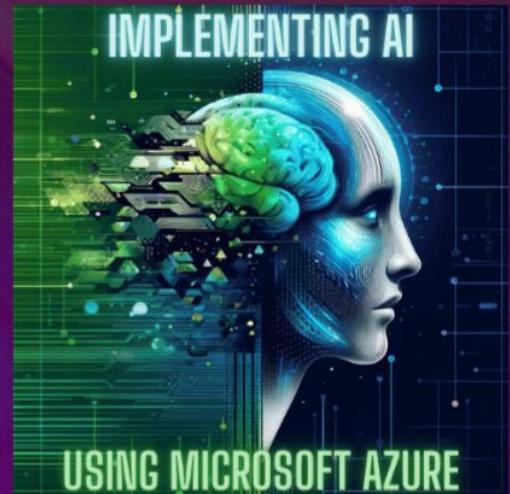


4TH JAN



9:00 TO 12:00

14:00 TO 17:00



RJN 202

IOT PROTOTYPING WITH ARDUINO

This workshop on "IoT Prototyping with Arduino" introduces participants to the fundamentals of building smart, connected devices using the Arduino platform. Designed for beginners and enthusiasts, the session provides hands-on experience with Arduino boards and sensors to create functional IoT applications. By integrating sensors, actuators, and connectivity modules, attendees will gain practical skills in designing IoT projects and controlling devices over the internet.

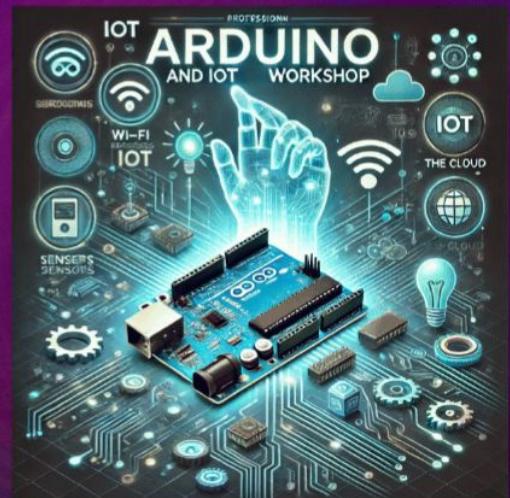


6TH JAN



9:00 TO 12:00

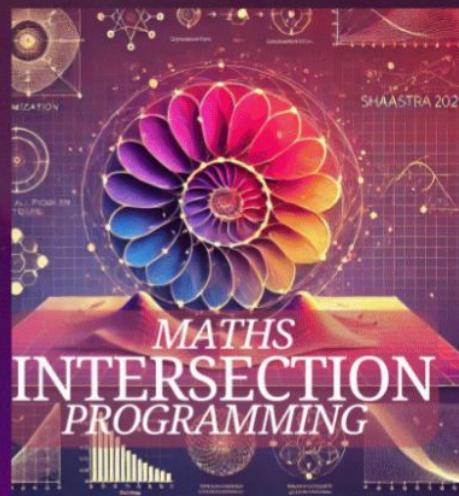
14:00 TO 17:00



RJN 301

MATHS INTERSECTION PROGRAMMING

This workshop explores fascinating mathematical concepts and their computational applications using Python libraries like NumPy, Matplotlib, Manim, and Turtle. Participants will engage in coding and theory, covering five key topics: optimization, linear algebra, probability, geometry, and calculus.



7TH JAN



9:00 TO 12:00

13:00 TO 16:00



RMN 201

C++ DEVELOPMENT

C++ is widely known as a language which provides a lot of freedom to the programmer, a freedom which can often cause hard-to-detect errors with deadly consequences. The workshop aims to explain often overlooked features of C++ which can help users write maintainable, safe, and descriptive code.



6TH JAN



9:00 TO 12:00

14:00 TO 17:00



RJN 202

SIMULATION TECHNIQUES AND ESTIMATION IN ML

This workshop explores intriguing statistical problems with surprising outcomes, showcasing how simulation provides practical and insightful solutions. Learn to write simple, efficient simulation codes that outperform numerical methods in tackling complex real-world challenges.



6TH JAN



9:00 TO 12:00

14:00 TO 17:00



RJN 302

BASICS OF INVESTING

This workshop provides an overview of finance and investment essentials, covering topics such as money management, investment types, risk and return, diversification, mutual funds, and SIPs. It also explores financial goal setting and career opportunities in finance. The session includes practical insights and an interactive Q&A to enhance financial literacy and decision-making.

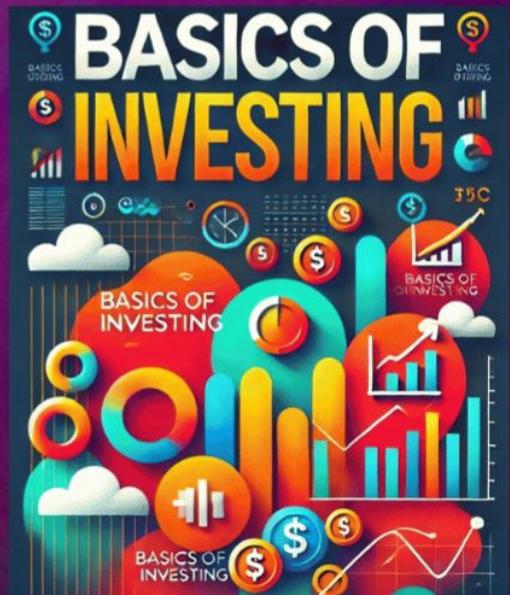


4TH JAN



9:00 TO 12:00

14:00 TO 17:00



RJN 301

CRYPTO TRADING

Unlock the world of cryptocurrency trading with this comprehensive workshop! Learn the fundamentals of blockchain, market analysis, and trading strategies, while mastering tools and risk management techniques. Explore advanced concepts like DeFi, leverage, and futures trading. Gain the knowledge to navigate crypto markets with confidence and avoid common pitfalls.



5TH JAN



9:00 TO 12:00

14:00 TO 17:00



RJN 301

APP DEVELOPMENT

This workshop introduces the fundamentals of Flutter, guiding you to build cross-platform mobile apps. Learn to set up the environment, design UIs, implement app logic, connect APIs, and deploy your app. By the end, you'll have created a functional app and gained the skills to kickstart your Flutter journey!



5TH JAN



9:00 TO 12:00

14:00 TO 17:00



CRC 102

BLOCKCHAIN DEVELOPMENT

Transform your React skills into Web3 development! Join us for a hands-on workshop where you'll learn blockchain fundamentals, smart contracts with Solidity, and how to build your first decentralized application (DApp). Through practical examples and guided exercises, you'll bridge the gap between traditional frontend and blockchain development. Limited seats available - join the Web3 revolution!



6TH JAN



9:00 TO 12:00

14:00 TO 17:00



RJN 301

INTRO TO AI AND ML

This workshop offers a comprehensive introduction to AI and ML, highlighting their real-world applications, core concepts, and practical workflows. Participants will gain a solid understanding of datasets, algorithms, neural networks, and ethical challenges in AI. Through hands-on activities, they will implement ML models, visualize results, and explore their applications in industries like healthcare, finance, and retail.



3TH JAN



9:00 TO 12:00

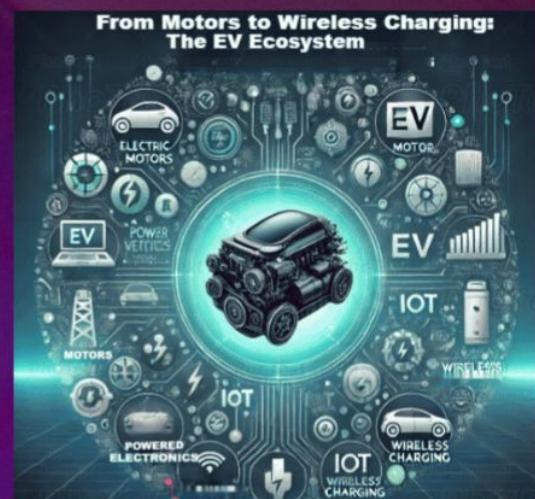
14:00 TO 17:00



CRC 103

FROM MOTORS TO WIRELESS CHARGING: THE EV ECOSYSTEM

Electric Vehicles (EVs) represent a paradigm shift in the automotive industry, driving the transition towards sustainable and efficient mobility. This workshop explores the EV ecosystem, covering advancements in technology, components like electric motors and power electronics, and emerging trends such as wireless charging, IoT integration, and nuclear batteries. Practical demonstrations of mid-drive and hub motor technologies will provide real-world insights into EV systems.



6TH JAN



9:00 TO 12:00

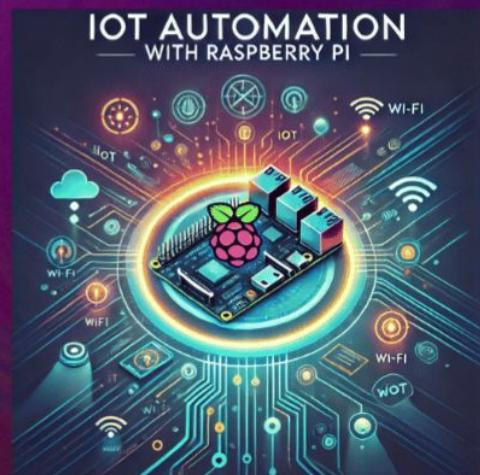
14:00 TO 17:00



RMN 302

IOT AUTOMATION WITH RASPBERRY PI

This workshop provides a comprehensive introduction to Internet of Things (IoT) automation using Raspberry Pi and Node-RED, offering a hands-on experience. Participants will learn how to set up and program a Raspberry Pi, use sensors and actuators, and build IoT dashboards and applications using Node-RED. The sessions will also cover IoT protocols and REST APIs, providing a strong foundation for IoT projects.



4TH JAN



9:00 TO 12:00

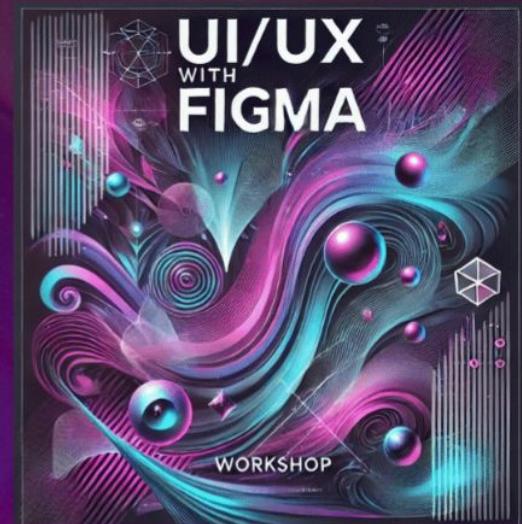
13:00 TO 16:00



RJN 101

UI/UX WITH FIGMA

This workshop offers a foundational understanding of modern web design principles, combining theory with hands-on practice. Participants will explore responsive design, UI/UX guidelines, accessibility standards, and user-centered design techniques. By learning to analyze effective design, balance aesthetics with usability, and apply best practices, attendees will gain valuable insights into creating engaging and functional digital interfaces. The workshop also highlights current trends and emerging technologies, equipping participants with practical skills to tackle real-world web design challenges.



7TH JAN



9:00 TO 12:00

13:00 TO 16:00



CRC 101

CLOUD COMPUTING

This workshop introduces the fundamentals of cloud computing, covering virtualization, Git, GitHub, and the basics of Continuous Integration/Continuous Deployment (CI/CD). Participants will explore cloud tools like GitHub Actions, Codespaces, and Docker, learning to build and deploy applications using containerized environments. The hands-on sessions focus on practical skills such as hosting backend systems with containers, providing in-demand expertise for the cloud-driven job market.



5TH JAN



9:00 TO 12:00

14:00 TO 17:00



CRC 103

ETHICAL WEB HACKING

This Cybersecurity Workshop introduces participants to the fundamentals of ethical hacking and bug bounty programs, empowering them to identify vulnerabilities and contribute to a safer digital landscape. It covers key topics such as networking basics, web application architecture, reconnaissance techniques, and the exploitation of vulnerabilities like XSS and SQL injection. Through practical, hands-on sessions, participants will gain valuable skills in ethical hacking, responsible disclosure practices, and using tools like Burp Suite, making it an ideal learning experience for aspiring cybersecurity enthusiasts.



7TH JAN



9:00 TO 12:00

13:00 TO 16:00



CRC 102

SIJO AUGUSTINE WORKSHOP ON ROCKETRY

Sponsored by Abhyuday

In a world racing ahead with breakthroughs in Launch Vehicles and Space Technologies, where ISRO has soft-landed on the Moon and SpaceX is catching rockets mid-air with "chopsticks," the impossible in aerospace is now closer than ever. Step into the fascinating world of rocketry and space tech through this exciting workshop - your gateway to exploring the future of aerospace innovation!



3TH JAN



9:00 TO 12:00

14.00 TO 17.00



RMN 101

IndustriAi

International Conference on Smart Manufacturing



temenos



Sponsored by
CATERPILLAR

Powered by
BAJAJ

Register at : industriai.shaastra.org

IndustriAi, a distinguished three-day international research conference on smart manufacturing hosted by Shaastra at the Indian Institute of Technology Madras from 5-7 Jan 2025, is set to facilitate a dynamic exchange of ideas and insights. The conference includes Call for Papers, inviting researchers and professionals to contribute their work on advancements in smart manufacturing. Additionally, the conference features the IndustriAi-Expo, a dedicated exposition showcasing cutting-edge smart manufacturing projects from startups, companies, and student teams. It is organized entirely by students with the guidance of Professors G. Saravana Kumar and offers a vital platform for PhD scholars. The theme spotlights Artificial Intelligence, Big Data Analytics, Robotics and Automation, Additive Manufacturing, Industrial IoT, and Digital Twin Technology.



5-7 JAN, 2025



IIT MADRAS RESEARCH PARK

CHIEF GUEST



Dr. T.R.B. Rajaa

Minister of Industries, Tamil Nadu.

SPEAKERS



Hugo David Herrmann

Operational Excellence and Industry 4.0 Leader IAC,
Munich, Germany



Sameer kher

Senior Director R&D for Digital Twins Ansys, Inc.



Dr. ASIM TEWARI

Professor, Center for Machine Intelligence & Data Science (C-MInDS), and Department of Mechanical Engineering, IIT Bombay



Murali Chandrahasan

Senior Director - Intelligent Industry, Capgemini Invent



Sujata Tilak

Managing Director - Ascent Intellimation Pvt. Ltd.



Prakash vinod

Joint Director, Centre for Smart Manufacturing Precision Machine Tools and Aggregates - Central Manufacturing Technology Institute



Pulak Mohan Pandey,

IHFC Chair & Professor, Dept. of Mechanical Engineering - IIT Delhi



Dr. L. Jyothish Kumar

President - Additive Manufacturing Society of India



Vidya Kishore

Materials Scientist - Additive Manufacturing



Sachin Parekh

Asst. General Manager, Special Machinery at Schaeffler



Vijayakumar Kempuraj
Digital Twin Leader - Ford Motor Company

CALL FOR PAPERS

Authors are invited to submit research papers of their original work that should include both an abstract outlining their innovative research idea and the full paper. Top 10 papers will have the opportunity for publication. Positioned at the forefront of intellectual discourse, it offers authors, PhD students, and scholars an exclusive arena to present cutting-edge research papers.

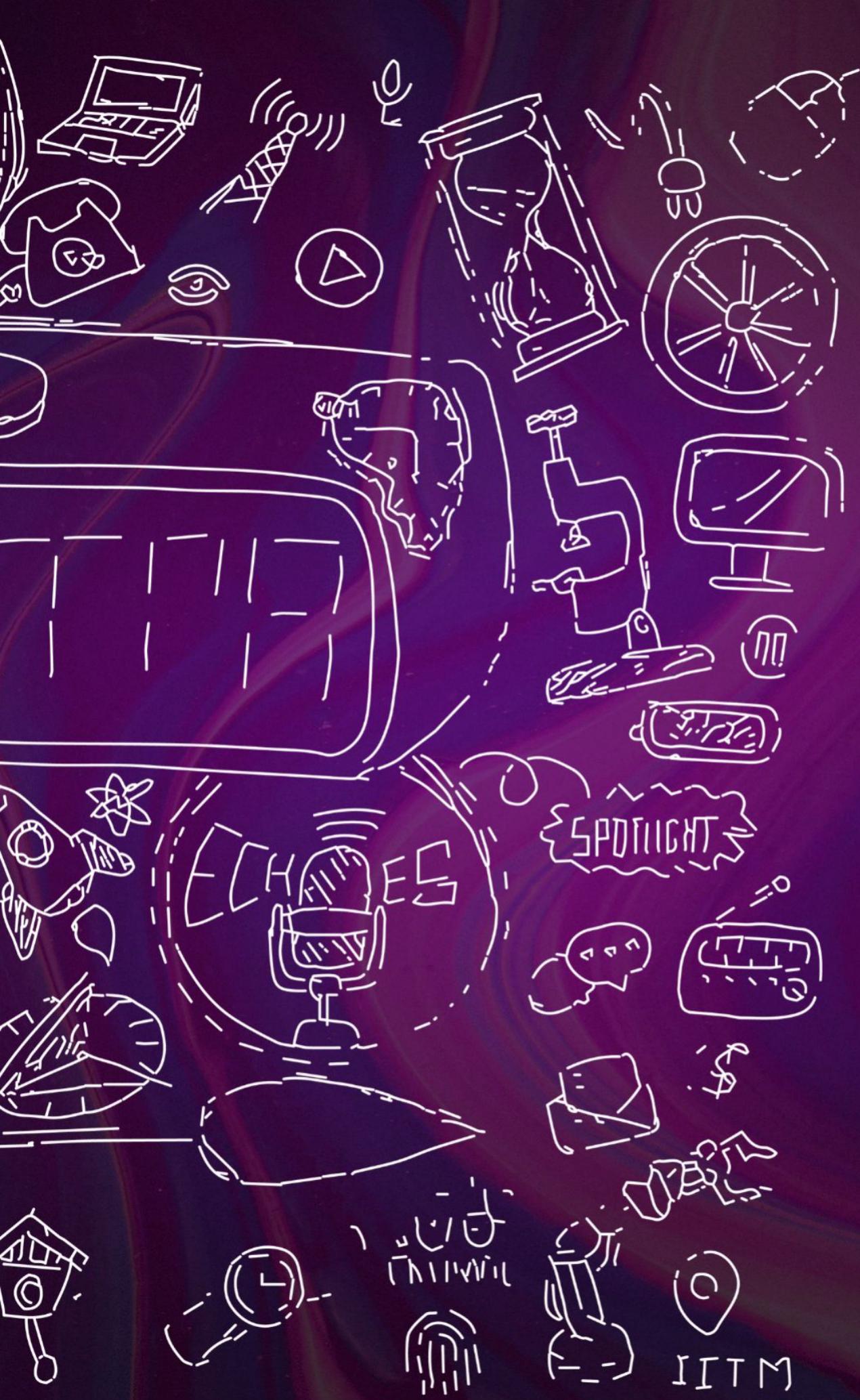
The conference topics comprise all aspects of smart manufacturing, including but not limited to the following areas:

- Artificial Intelligence
- Big Data Analytics
- Robotics and Automation
- Additive Manufacturing
- Industrial IoT
- Digital Twin Technology

INDUSTRIAL EXPO

The premier international exposition showcasing advancements in smart manufacturing research is transformative, shaping the industry's future. With a focus on networking, knowledge-sharing, and growth, our expo offers customized opportunities to align with your smart manufacturing goals. Elevate your brand, network with industry leaders, and seize Expo's diverse opportunities, boosting visibility and attracting eager visitors.







ENVISAGE

ENVISAGE PRESENTS AN UNFORGETTABLE EXPERIENCE WITH THREE DYNAMIC SHOWCASES THAT BLEND INNOVATION, ENTERTAINMENT, AND CREATIVITY AT SHAASTRA 2025.

SHOW



Experience "The Reality Escape" a fully student-run techno-entertainment Show following Myra's extraordinary journey. Stunning visuals and effects bring this captivating story to life.

TECH ZONE

Discover groundbreaking hardware projects designed to entertain and inspire. From interactive gadgets to innovative inventions, the Tech Zone blends technology and fun like never before.



GAME ZONE



A collection of unique and exciting games, crafted by the team, offering immersive experiences and innovative gameplay. From VR adventures to creative challenges, there is something interesting for every player.



FUTURE CITIES SUMMIT



The Summit is the cornerstone of Shaastra—a premier, three-day conference designed to bridge the gap between young enterprising crowds looking to network and industry veterans seeking a fresh perspective.

The Summit boasts a diverse delegate pool, including college students, industry professionals, renowned academics, and leading innovators.

This year, the Summit embraces the theme Future Cities, delving into transformative topics such as sustainable energy, futuristic transportation, AI-driven urban planning, and more. Over three days, attendees can engage in immersive hackathons, earn certifications through two expert-led workshops, participate in thought-provoking panel discussions with India's leading researchers, and gain insights from inspiring lectures delivered by international companies and renowned speakers.

This year we are also hosting a Future Cities Expo with companies from around India, including some of the cutting-edge work at the IIT Madras housed Research Park, being put on display at interactive stalls.



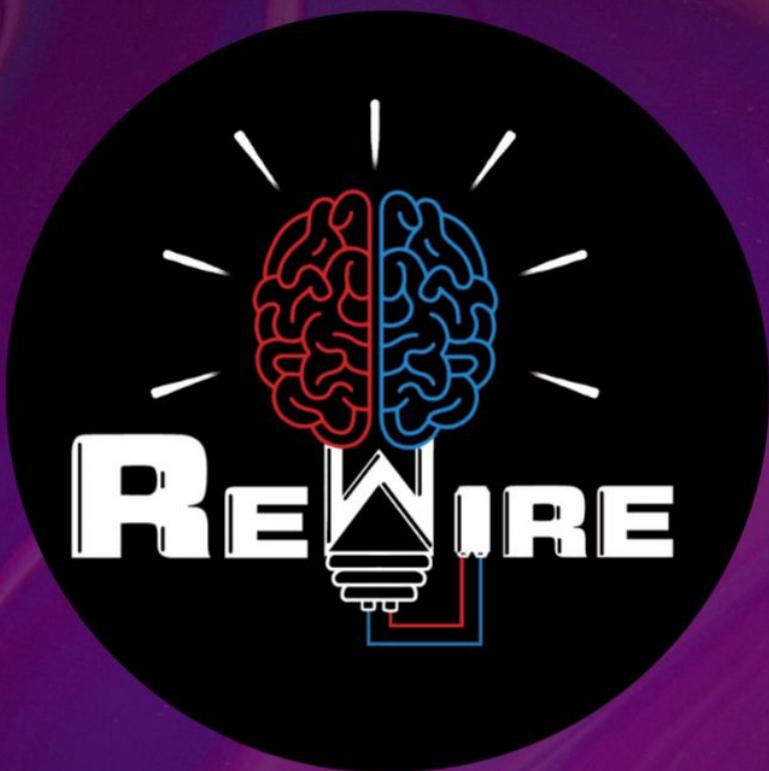
On spot registrations are OPEN! Visit the nearest stall for more information or visit summit.shaastra.org

WORKSHOPS

Certifiable workshops led by industry leaders such as Gensler and Astrikos AI offer 2 unique perspectives on city building: exploring the transformative potential of architecture and urban design with Gensler, and the cutting-edge applications of AI with Astrikos AI.

LECTURES AND PANEL DISCUSSIONS

Our speaker lineup features a diverse array of experts and thought leaders, including Mr. Kok Chin Tay, Chairman of the Smart Cities Council. Together, they will explore a range of compelling topics such as futuristic transportation, sustainable energy, and innovative approaches to city building.



REWIRE

A COGNITIVE ENHANCEMENT INITIATIVE

COGNIFY GRAND FINALE: REVOLUTIONIZING TOY-BASED LEARNING FOR NEURODIVERGENT CHILDREN

Interested in design? In special education? Or do you want to re-live your childhood through the world of toys?

Cognify, the pan-India toy designing contest culminates in this inspiring finale, where the brightest minds converge to share their groundbreaking ideas. In association with Help Them Shine, this competition spans over 6 months and includes 3 rounds. This competition provides designers and special needs experts a platform to create toys that promote multisensory and inclusive learning. Participants received mentorship from 25 expert toy designers and neuroscientists, ensuring their designs were scientifically grounded.

Join the finalists, selected from over 1200 registrations, as they display their prototypes, showcasing the research and scientific principles behind their creations, all aimed at enhancing learning for autistic, dyslexic, and children with developmental disorders.

THE TEACHER CONFERENCE

Join a transformative conference and upskilling workshop designed to empower pre-primary and primary educators with inclusive teaching methods and innovative strategies to improve cognition in diverse learners. This unique event offers the opportunity to participate in two engaging panels with speakers from diverse backgrounds with unique perspectives and two hands-on workshops, all led by experts in the field.



Attendees will earn certifications from the Indian Autism Center, V-Excel, and Shaastra, IIT Madras, adding valuable credentials to their professional profiles.

Beyond the sessions, the event provides a platform to network with like-minded professionals, share experiences, and collaborate on advancing inclusive education practices. Don't miss this opportunity to elevate your teaching approach and make a meaningful impact in your classroom.

BRAIN MAZE AND WORLD RECORD ATTEMPT

Ever wondered how the most fascinating organ in our body functions? Step into the Brain Maze, an interactive adventure shaped like the human brain. Solve fun challenges that light up different brain regions, showing how they work in real-time. This first-of-its-kind event at Shaastra blends creativity, science, and fun for an unforgettable experience. Be part of history by joining us to break the world record for the largest word search focused on cognition. Dive into the wonders of your mind—don't miss it!





SPOTLIGHT LECTURES

DR. SANJEEV DAS

Designation: Cancer Biologist,
Shanti Swarup Bhatnagar Award

Format: Lecture

 CLT

 11:00AM - 12:00PM

 3RD JAN



DR. SUJATHA RAMDORAI

Designation: Mathematician,
Shanti Swarup Bhatnagar Awardee

Format: Fireside Chat

 CLT

 3:00 PM - 4:00 PM

 3RD JAN



DR. HARSH GUPTA

Designation: Geophysicist,
Padma Shri Awardee

Format: Fireside Chat

 CLT

 2:00PM - 3:00PM

 4TH JAN



SMT. RUCHIRA KAMBOJ

Designation: Retired IFS Officer,
Ambassador-designate of India to the UN
Format: Fireside Chat

CLT

11:00AM - 12:00PM

4TH JAN



DR. A VELUMANI

Designation: Founder of Thyrocare Technologies Ltd
Format: Fireside Chat

CLT

2:00 PM - 3:00 PM

5TH JAN



MR NAMBI NARAYANAN

Designation: Retired ISRO Scientist, inventor of the
Vikas Engine
Format: Fireside Chat

CLT

4.30PM - 5:30PM

5TH JAN



DR. MODADUGU VIJAY GUPTA

Designation: Biologist and Fisheries Scientist,
World Food Prize awardee
Format: Lecture

CLT

11:00AM - 12:00PM

6TH JAN



PROF. SUBIR SACHDEV

Designation: Herchel Smith Professor of Physics at Harvard University,
Dirac Medal Awardee

Format: Lecture & Fireside Chat



CLT 3:00 PM - 4:00 PM 6TH JAN

HON'BLE JUSTICE SHRI DINESH MAHESHWARI

Designation: Former Justice of the Supreme Court

Format: Fireside Chat



CLT 11:00 AM - 12:00 PM 7TH JAN

THIRU T. UDHAYACHANDRAN

Designation: Principal Secretary to the Government of Tamil Nadu, Department of Finance

Format: Lecture



CLT 3:30AM - 4:30PM 7TH JAN

MR. SATISH PAI

Designation: Managing Director of Hindalco Industries

Format: Online Lecture



CLT 5:30 PM - 6:30 PM 7TH JAN



SHOWS & EXHIBITIONS

TECH ENTERTAINMENT NIGHT

Tech-Entertainment Night, a sonic kaleidoscope, weaves techno's DNA into a vibrant tapestry of beats, melodies, and boundless energy. Join us for an electrifying experience, with a mesmerizing headlining performance by Karan Kanchan, the multi-genre music producer and International DJ Camilla Lynx.

Venue: SAC | Date: 5th Jan | Time: 7 PM



COMEDY NIGHT

Step into the world of Gurleen Pannu, where every punchline hits home and every story keeps you rolling in laughter! With her razor-sharp wit, relatable humor, and a knack for turning the quirks of life into side-splitting comedy, Gurleen is here to prove that laughter truly is the best medicine.

Venue: SAC | Date: 6th Jan | Time: 8.00 PM





ROBOWARS

Robo Wars transforms arenas into battlegrounds where mechanical gladiators clash, combining engineering prowess and strategy in electrifying duels that captivate with sparks and innovation.

Date: 4th January 2025

Venue: OAT, IIT Madras

Time: 5 PM



OAT, IIT M
4 JAN, 2025

RUBEN: +91 56 717 9433

PRANAVI: +91 83742 51196

BMX SHOW

Join us for an exciting BMX Show, where innovation meets entertainment. Witness jaw-dropping stunts, gravity-defying tricks, and the raw energy of BMX riders as they dominate the ramps and rails in this high-octane show!

EXPO

Have you heard of a crowd-puller, a platform that brings cutting-edge technology to life, and an ocean brimming with the future? If not, let us introduce ourselves—we are **Exhibitions-Shaastra 2025**, and we are all of that and more!

We are where opportunity meets technology, and the market connects with industry leaders. This year, we're proud to feature an exceptional lineup of exhibitors, including the **Indian Navy, DRDO**, and many other prominent companies and innovators shaping tomorrow's world.

The future awaits, and it's open for everyone to explore. Join us at KV Grounds and experience the extraordinary!

TIF

Here is a chance to step into **TIF, Shaastra 2025**, where projects transform into industrial tech! Begin with a networking session connecting students brimming with innovative solutions, showcasing prototypes in robotics, healthcare, and more. Witness the finalists bringing ideas to life and exploring exhibitions that will inspire you to turn ideas into real-world solutions!

Explore a series of exciting workshops showcasing cutting-edge technologies and innovative problem-solving, guided by expert mentors. Watch as participants bring scientific concepts to life through hands-on prototyping and creative solutions. Don't miss the chance to see their groundbreaking projects and celebrate their achievements!

INSTITUTE OPEN HOUSE

Institute Open House 2025, a spectacular two-day event on January 3 and 4, 2025, where innovation meets opportunity.

Get an exclusive glimpse into IIT-M's cutting-edge research and groundbreaking technologies through 60+ interactive stalls.

Explore:

- 4 National Research Centers
- 11 Institute Research Centers
- 15 Centers of Excellence
- Over 90 advanced laboratories

As part of Shaastra 2025 (January 3-7), this event is open to all and offers a rare chance to witness the brilliance shaping tomorrow's world.

With over 60,000 visitors expected, join us in celebrating technological excellence.



SOCIAL CAMPAIGN



UZHAVU

SEED. SOLVE. SUSTAIN

Uzhavu - Shaastra 2025's Social Campaign

We here at Shaastra are on a mission to empower sustainable agriculture through technology, transforming the way we view and approach farming. From connecting with farmers to spreading awareness of eco-friendly practices, Uzhavu is here to make a difference!

We have conducted multiple hackathons and awareness sessions across schools and colleges that have focused on ingenious solutions to various problem statements on sustainable agriculture.

What's next for Uzhavu? We will be distributing 20 pollinator pods across villages, which facilitate better pollination as an alternative to hand pollination. This has a useful outcome for fruiting plants. We have also planned soil testing, precision farming and upskilling sessions which aim to help farmers, in collaboration with our campaign partners.



NAF'S UZHAVU HACKATHON

Tackle real-world agricultural challenges, showcase groundbreaking ideas, and compete for a prize pool of INR 50K. Help shape the future of farming with your innovative solutions. Together, let's sow the seeds of a smarter and more sustainable tomorrow!



6TH JAN



10:00 AM



CRC 201

SYNERGY SUSTAINABILITY CONTEST

IN COLLABORATION WITH TNCCM

What if your campus could lead the way toward a greener tomorrow? Have you ever considered how your innovative ideas could spark meaningful change?

Synergy, part of Shastra IIT Madras's Uzhavu campaign—a social initiative focused on sustainable agriculture and tech for good—invites students to compete by proposing impactful ideas to make their campus as sustainable as possible.



7TH JAN



9:00 AM



CRC 205

CORPORATE LECTURE SERIES

INDUSTRY
INSIGHTS

Shaastra presents the third edition of Industry Insights – an exclusive lecture series that brings you face-to-face with industry giants! This unique platform features distinguished professionals from leading companies like **KLA, IDFC FIRST Bank, Bajaj Auto**, and more, who will share invaluable insights into groundbreaking technologies and innovative solutions shaping our future.

Network with and learn directly from industry pioneers as they reveal how they're tackling today's most pressing challenges. Join us for these transformative sessions from 3rd to 7th January 2025

Bajaj Auto

3rd Jan, 3 pm



ICSR
HALL 3

KLA

4th Jan, 11 am



ICSR
HALL 3

IDFC First Bank

4th Jan, 2 pm



ICSR
HALL 3

Appian

7th Jan, 11 am



ICSR
HALL 3

SPONSORS

TITLE SPONSOR

NATIONAL INSTITUTE OF OCEAN TECHNOLOGY



National Institute of Ocean Technology (NIOT) is an autonomous institute under the Ministry of Earth Sciences (MoES), Government of India, Chennai. NIOT develops and promotes indigenous technologies to explore living and non-living marine resources through sustainable efforts. Currently, NIOT is developing technologies for marine renewable energy, deep sea mining & explorations, manned submersible and ocean observations.

DIAMOND SPONSOR - CATERPILLAR



With 2022 sales and revenues of \$59.4 billion, Caterpillar Inc. is the world's leading manufacturer of construction and mining equipment, off-highway diesel and natural gas engines, industrial gas turbines and diesel-electric locomotives. For nearly 100 years, we've been helping customers build a better, more sustainable world and are committed and contributing to a reduced-carbon future.

From that first tractor on tracks to the world's first mass-produced diesel engine, we've always been ahead of the curve. Did you know we launched our first remote-controlled machine back in 1968? Or that we have 2.5 times more experience in autonomy than any car manufacturer? Innovation is in our DNA. It's how we make equipment safer, cleaner and smarter – and how we make our customers' lives easier and their businesses more profitable.

PLATINUM SPONSOR - IDFC FIRST BANK LTD



IDFC FIRST Bank is on the mission to build a world-class bank right here in India that is guided by ethics, powered by technology, and a force for social good. Join us and embark on a transformative journey filled with dynamic opportunities to learn, grow and contribute to the evolving world of banking.

GOLD SPONSOR - BAJAJ AUTO



Born in India. Loved by the World, The World's Favourite Indian. With more than 18 million motorcycles sold in over 70 countries, the Bajaj brand is truly 'The World's Favourite Indian'. It is India's No.1 motorcycle exporter with two out of three bikes sold internationally carrying a Bajaj badge. The company is also the world's largest manufacturer of three-wheelers. Bajaj Auto is the first two-wheeler and three-wheeler company in the world to have reached a market capitalization of INR one trillion and continues to be the world's most valuable two and three-wheeler company

INNOVATION PARTNER - BOEING



Boeing is dedicated to advancing technology and fostering sustainable growth in the Indian aerospace sector. With over 300 local partnerships, a joint venture for helicopter and airplane component manufacturing, and annual sourcing surpassing \$1 billion, Boeing plays a vital role in India's aerospace landscape. The company employs over 6,000 people in India and collaborates with more than 13,000 supply chain partners. Boeing's commitment extends beyond business, with widespread community engagement initiatives impacting over 1,300,000 lives, reflecting its dedication to positive change and local development

SILVER SPONSOR - FedEx SMART

Supply Chain Modelling, Algorithms, Research and Technology Centre IIT Madras



IIT MADRAS - FedEx SMART

Supply Chain Modelling, Algorithms, Research and Technology Centre

The Indian Institute of Technology Madras, (IITM) has teamed up with FedEx, a global leader in express transportation, to drive logistics sustainability through digital intelligence and technological advancements. With a mission to reshape

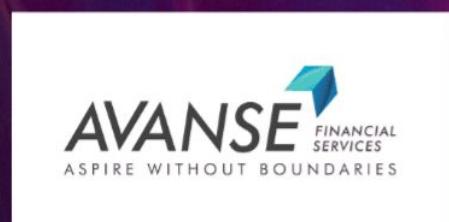
Global Logistics and Supply Chain Management, the newly established FedEx SMART Centre of Excellence will drive innovation and deliver substantial benefits that extend beyond consumers, touching the lives of communities worldwide. This initiative promises to set new standards in logistics, fostering a future where sustainability and technological advancement go hand in hand for the greater good.

CO-SPONSOR - APPIAN



Appian is a software company that automates business processes. The Appian AI Process Platform includes everything you need to design, automate, and optimize even the most complex processes, from start to finish. The world's most innovative organizations trust Appian to improve their workflows, unify data, and optimize operations—resulting in better growth and superior customer experiences.

CO-SPONSOR - AVANSE FINANCIAL SERVICES



Avanse Financial Services was established in 2013 with the sole purpose of enabling students to achieve their academic aspirations. We're an education-focused NBFC that provides customised education financing solutions to every deserving Indian student.

Our range of solutions covers the holistic requirements of an education aspirant. We have a vast network of students enrolled in 1,550+ educational institutions spanning across 49 countries.

CO-SPONSOR - KLA



KLA Corporation develops industry-leading equipment and services that enable innovation throughout the electronics industry. We provide advanced process control and process-enabling solutions for manufacturing wafers and reticles, integrated circuits, packaging, printed circuit boards and flat panel displays. In close collaboration with leading customers across the globe, our expert teams of physicists, engineers, data scientists and problem-solvers design solutions that move the world forward.

RC TITLE SPONSOR - TEMENOS



Temenos is to power a world of banking that creates opportunities for everyone, serving 3000 customers worldwide. Our open platform enables over 1.2 billion people to carry out their daily banking needs. The passion for making banking better drives us to be the banking platform for all kinds of players in the industry – for large and small banks, for non-banks and fintech's, for partners and developers, for everyone.

FUTURE CITIES SUMMIT SPONSOR



L&T EduTech is an initiative under Larsen & Toubro to bridge the gap between industry and academia. The core objective is to enhance the employability of students and career progression for professionals across Engineering, Technology & other various sectors. It enables globally employable, industry-ready talent through state-of-the-art, application-oriented learning, skilling, assessment, and certification programs, powered by L&T's decades-long expertise in Engineering, Technology, Manufacturing, Finance, Management & IT sectors.

TECH & INNOVATION FAIR SPONSOR - IITM PRAVARTAK



IITM Pravartak Technologies Foundation is a Technology Innovation Hub (TIH) of IIT Madras funded by the Department of Science and Technology. Key activities include Technology Development, Entrepreneurship

Development, Human Resource Development, and International Collaboration in Sensors, Networking, Actuators, and Control Systems (SNACS). With initiatives supporting entrepreneurs, IITM Pravartak has seeded 30 startups, a couple of these startups have successfully secured their initial round of funding from venture capitalists while a few others are currently in advanced stages of discussions with both venture capitalists and angel investors.

TECHNOLOGY SPONSOR - ARCESIUM



Arcesium

Arcesium is a global financial technology company delivering pre- and post-investment and enterprise data management solutions to some of the world's most sophisticated financial institutions, including

hedge funds, banks, institutional asset managers, and private equity firms. Expertly designed to achieve a synchronized golden source of data throughout a client's ecosystem, Arcesium's cloud-native technology is built to systematize the most complex tasks and help clients achieve scale.

EVENT SPONSOR - ATOMBERG



Atomberg is fastest-growing tech-driven Indian company, known for revolutionizing homes with smart, energy-efficient solutions. From pioneering

BLDC motor fans that cut electricity use by 65% to innovating everyday tech, it embraces a "Why Not?" spirit. With cutting-edge R&D and a pan-India reach, Atomberg transforms lifestyles with passion and purpose.

EVENT SPONSOR - DIGIKEY



DigiKey, headquartered in Thief River Falls, Minn., USA, is recognized as the global leader and continuous innovator in the cutting-edge commerce distribution of electronic components and automation products worldwide.

We get technical by providing more than 15.9 million components from over 3,000 quality name-brand manufacturers with an industry-leading breadth and depth of product in stock and available for immediate shipment. DigiKey also supports engineers, designers, builders, and procurement professionals with a wealth of digital solutions, frictionless interactions, and tools to make their jobs more efficient.

EVENT SPONSOR - FLIPKART



Flipkart is committed to the cause of transforming commerce in India through our investments in made-in-India technology innovations, customer-centric features and constructs, a diverse category landscape and a world-class

supply chain. With a customer base of over 350 million, product coverage of over 150 million across 80+ categories, focus on generating direct and indirect employment and a commitment to empowering generations of entrepreneurs and MSMEs and a sustainable growth strategy - Flipkart is maximizing for our customers, stakeholders, and the planet at large! Flipkart is a part of the Walmart-owned Flipkart Group, which also includes group companies Flipkart Health+, Myntra, and Cleartrip.

MOOT COURT PRESENTING SPONSOR - SURANA & SURANA



Surana & Surana International Attorneys is a Top ranked "go-to" law firm in South India (headquartered in Chennai), known for its competence, quick response & commercial soundness assists MNCs, Corporates, Foreign.

Governments, Central & State Government organizations, individuals & social institutions. The firm's Academic Initiatives programmes over 37 years partnered with legal institutions sponsoring, administering & co-hosting what is the world's largest Moot Court project besides Law & Policy Track, Public Policy, Arbitral Award writing, Judgement writing & Essay competitions.

EVENT SPONSOR - AUTODESK



Autodesk is a global leader in software solutions for architecture, design, manufacturing, media and entertainment. It empowers professionals to design, simulate, and produce with precision and innovation, offering tools for every stage of creation, from ideation to execution. Committed to sustainability, efficiency, and collaboration, Autodesk drives creativity and technical excellence, enabling industries to innovate and shape a more resilient, forward-thinking future for better world.

SUMMIT EVENT SPONSOR - COE IITM



Centre of Excellence for Road Safety (CoERS) at IIT Madras is dedicated to transforming road safety in India by integrating academia, industry and government efforts with collective objective of saving lives. It serves as a think tank for Ministry of Road Transport and Highways, Government of India focusing on data-driven research, innovation, policy advisory data-driven research, innovation, policy advisory and stakeholder collaboration with government institutions. CoERS works on 5 E Model - Engineering, Education, Emergency Care and Enforcement with strong focus on Empathy (Human Factors) which emphasizes on innovation, mindset change and capacity-building to create a safer transportation ecosystem.

AT MAKEATHON SPONSOR - R2D2



TTK R2D2 Center at IIT Madras specializes in developing rehabilitation and assistive devices for those with movement impairments. The group is involved in research related to human movement and the design and development of rehabilitation and assistive devices for people with movement impairments. Focusing on affordable, field-tested products in collaboration with various partners, R2D2 combines technology and innovative approaches to enhance accessibility of assistive devices, with successful technology transfers to industry partners like NeoMotion.

REWIRE SPONSOR - HELP THEM SHINE



HelpThemShine was inspired by our journey raising a son with Autism. We provide globally recognized products, assist in building sensory rooms and parks to empower individuals with special needs. Our mission is to bridge accessibility gaps across the country, fostering independence and enabling everyone reach their full potential

PRIZE POOL SPONSOR - ACR OFFICE

ALUMNI AND CORPORATE RELATIONS



IIT MADRAS

The Office of Alumni & Corporate Relations (A&CR) at IIT Madras, builds on the Institute's excellent relationship with alumni to increase engagement with academia/research labs, industry/business, entrepreneurs, and foundations to promote the Institute's external relations, and mobilize resources for the Institute and its stakeholders: students, faculty and staff, and

society. Under the able leadership of the Dean for Alumni and Corporate Relations, Prof Mahesh Panchagnula, the office creates enduring assets for the Institute and looks forward to forging lasting bonds and building legacies through and for its global alumni fraternity.

LEARNING PARTNER - CODE



The Centre for Outreach and Digital Education (CODE) is the centre that coordinates all non-campus academic & outreach activities from IIT Madras. CODE undertakes major academic programs that include Web Enabled Masters, BS Degree programs from IIT Madras and certificate programs that come under NPTEL, NPTEL+ and CODE's Executive Education programs

COFFEE PARTNER - NESCAFE



Bring home the cafe experience with NESCAFE Cappuccino instant coffee premix. By just adding hot water, the special cappuccino premix creates a fine, frothy coffee that will make a coffee lover smile with sheer delight. The NESCAFE Cappuccino premix requires minimum time and effort to make, which means that you can have it at any time during the day.

SOCIAL CAMPAIGN PARTNER - NATIONAL AGRO FOUNDATION



NAF's vision is to create a healthy literate and prosperous rural India with a multipronged approach of comprehensive rural development with special focus on agriculture. Its mission includes creating replicable clusters of villages which are economically

prosperous, ecologically safe and environmentally sustainable through on farm, off farm and non farm sector development with inclusive growth of all sections of the rural community through building partnerships with various stakeholders.

SOCIAL CAMPAIGN PARTNER - TNCCM



Tamil Nadu
Climate Change
Mission

The Tamil Nadu Climate Change Mission addresses the urgent need for climate action in response to the impact of climate change. Launched in 2021, it focuses on adaptation and mitigation, emphasizing leadership and innovation to protect the state's environment, economy, and communities, particularly vulnerable to climate hazards.

SOCIAL CAMPAIGN PARTNER - SCANXT



ScaNxt, an agri-tech startup in collaboration with IIT Kanpur, leverages IoT, AI, and NIR spectroscopy to provide real-time, affordable insights for soil health and pest management. Serving 30,000+ acres, ScaNxt empowers smallholder farmers to boost yields, enhance sustainability, and tackle climate challenges, driving food security and sustainable agricultural transformation.

SOCIAL CAMPAIGN PARTNER - FARMITOPIA



Crop Mint, developed by Farmitopia, leverages data on farmers' practices, crops, and soil conditions to provide tailored recommendations for optimizing agricultural yield. By analyzing this

data, the platform offers actionable insights and access to quality produce, empowering farmers to enhance productivity and sustainability in their farming operations.

SOCIAL CAMPAIGN PARTNER - SCHOOL OF SUSTAINABILITY



IIT Madras's School of Sustainability is a synergistic space with interdisciplinarity as its mantra. It acts as an inclusive platform for co-strategizing Sustainability through open stakeholder dialogues, pursues actionable research bridging gaps between science, policy and business practices and builds capacities among students, industries, and policymakers via innovative teaching programs.

COMPUTATIONAL PARTNER - JARVISLAB

Jarvislabs

At JarvisLabs.ai, you can rent GPU instances—including A100, H100, and RTX Variants—within seconds. Experience unbeatable performance in AI training, stable diffusion, and deep learning workloads, all with no long-term commitments.

OFFICIAL MEDIA PARTNER - THE HINDU



The Hindu, India's most trusted newspaper for 146 years, champions credible journalism and innovation. Headquartered in Chennai, the publication informs and reflects public opinion, catering to diverse reader segments and fostering enduring trust and loyalty among its audience.

RADIO PARTNER - RADIO MIRCHI



A popular and one of the OG radio stations for over two decades, known for its vibrant mix of music, entertainment, and game shows. It broadcasts across multiple cities in India and offers content in various languages. Its catchy slogan, "Mirchi, it's hot," emphasizes its fun and energetic appeal to listeners.

MAGAZINE PARTNER - SHAASTRA MAGAZINE



Shastra, a Science Magazine by IIT Madras, delivers in-depth, India-centric coverage of global science and technology trends. With expertly researched articles, interviews, and guest columns by leading professionals, it offers valuable insights into R&D and innovation, making it an essential resource for science enthusiasts and students.

CUBE OPEN EVENT SPONSOR - CUBELLO



Cubelolo is the go-to destination for India's cubing enthusiasts, dedicated to providing premium puzzles, courses, and accessories with innovation

at the heart of everything we do. From beginner solvers to national champions, we empower cubers with cutting-edge products, expert knowledge, and unmatched support. Join us as we continue to revolutionize India's cubing experience!

OFFICIAL EFFICIENCY PARTNER - EFFIVITY TECHNOLOGIES



Effivity transforms business efficiency with advanced software solutions for Quality, Health & Safety, Environmental, Food Safety, and Information Security Management Systems. Trusted by organizations worldwide, Effivity simplifies

compliance, streamlines workflows, automates processes, and ensures seamless integration of management systems, enabling sustainable growth and continuous improvement.

NETWORK PARTNER - D-LINK



Home Network That You Can Trust - D-Link offers a comprehensive range of home networking solutions designed to meet the diverse needs of every family. What's more, D-Link's smart home solutions allow you to control your home's devices from anywhere, using just your voice or a mobile app effortlessly.

TRANSIT PARTNER - BEECABS



Beecabs India Private Limited, company based in Chennai provides people transport services for MNC's & CORPORATES with wide range of fleet

and offices located across India. With 250+ Company owned vehicles ranging from Sedan to Luxury Coaches- Beecabs provides customised solutions for 100+ Corporates across India.

HOSPITALITY PARTNER - CATERINN BY HOLIDAY INN



Elevate your events with our signature 'Outdoor Catering' experience. We understand the importance of seamless service, exceptional food quality, and a personalized touch for every occasion. Whether it's a conference or Workshop , our outdoor catering team brings an exquisite menu tailored to your needs, complete with beautiful setups and flawless execution.

CUSTOM WEAR PARTNER - LAYYON



India's most trusted Custom TShirt brand with 25 years of unbroken heritage. At Layyon, we're about more than Tshirts. We're about you and everything you love. The passion you share with your group, club, or team; the excitement you have for your event or cause; and the drive that makes your business stand out from the rest. We believe that custom t-shirts do more than just make you look good.

IMMERSIVE EXPERIENCE PARTNER - SPACE TREK PLANETERIUM



Space Trek Planetarium, Asia's pioneer in immersive dome education, is bringing the wonders of the universe to Shaastra! Having inspired over 1 million students with our captivating programs, we're excited to offer a unique experience at IIT Madras for the 9th time. Visit our mobile planetarium to embark on a breathtaking immersive 3D journey through the cosmos. Join us for an unforgettable adventure!

SUSTAINABLE SOLUTIONS PARTNER - NOTOXICO®



NOTOXICO® is a trailblazing sustainable lifestyle brand dedicated to ethical practices and eco-friendly innovations. With a strong focus on community empowerment, impactful partnerships, and eco-conscious initiatives, we lead the way in sustainability, inspiring positive change and creating a greener, conscious future that benefits both people and the planet.

OFFICIAL FINANCIAL TRAINING SPONSOR - STOCKEDGE



Stock Edge is a powerful platform for equity market research, providing tools for fundamental, technical, and derivatives analysis. It helps traders and investors make informed decisions with analytics, alerts, and educational resources.

OFFICIAL SKINCARE PARTNER - CETAPHIL



Galderma is a pharmaceutical company specializing in dermatological treatments and skin care products. Cetaphil is Galderma India's flagship brand which has a global presence of over 75 years and is today used by millions of consumers with different skin types. Cetaphil offers a product line that includes face and body Moisturizers, Cleansers, Baby care, Sun care and products for common skin issues such as sensitive skin and even dark spots

3D PRINTING PARTNER - DCX3D



We provide high-quality 3D printing (FDM & SLA), 3D prototyping services, 3D designing services at an affordable price. You can get the best custom-tailored 3D printing and 3D miniature services with high-performance prototypes, tooling and manufacturing aids, and end-use parts.

KAUVERY HOSPITAL - COMMUNITY SERVICE PARTNER



Kauvery hospital launched its first hospital more than two decades ago, the founders of Kauvery Hospital have been determined on creating world class healthcare facilities that shall be affordable. The founding doctors set off on this dream in 1999 with a 30-bed hospital in Trichy, with single-minded focus on offering 'best-in-class healthcare,

with a personal touch.' This was a very new concept in a tier 2 city like Trichy which lacked a tertiary care hospital at the time. Today, Kauvery is a multi-specialty hospital chain with 2250+ beds in six locations including Trichy, Chennai, Salem, Hosur, Tirunelveli and Bengaluru. With twelve hospitals and a workforce of over 8000+ Kauvery's mission is to provide exemplary secondary and tertiary care.

OFFICIAL CONFECTIONARIES SPONSOR - KANDEE FACTORY



Kandee Factory's plant-based confections, crafted with innovative Air Water Technology that transforms Bay of Bengal air into water, offer a vibrant, healthful indulgence. Featuring superfood colors like Turmeric, Spinach, Beets, and Aparajitha flower, these premium, distinctive treats captivate health-conscious consumers, aligning seamlessly with trends for healthier, pristine products.

PEN PARTNER - REYNOLDS



® Reynolds, a distinguished and renowned brand since 1945, began with the introduction of the iconic 045 and has been a leader in the Indian market for high-quality writing instruments. With a legacy built on precision and smoothness, millions favour popular Reynolds products such as 045, Racer, Trimax, and Jetter—across India.

JOURNEY PARTNER - ABHIBUS



AbhiBus, founded in 2008, is a leading bus booking platform in India with over 4,000 bus partners and 350,000 routes. Offering e-ticketing, fleet management, and tracking systems, AbhiBus serves

private bus operators, state transport corporations, and international partners. It provides seamless booking experiences through its app and website , backed by a 24/7 customer support center.

CA SPONSOR - EASEMYTRIP



EaseMyTrip, a publicly listed company on NSE and BSE, is India's largest online travel platform. Bootstrapped and profitable since 2008, it offers end-to-end travel solutions, including air tickets, hotels, holiday packages, rail, bus, and taxi services, with access to 400+ airlines and 2+ million hotels globally. We offer Zero-convenience

fee option. We have our offices across India and globally (UK, USA, UAE, etc.). EMT is the fastest-growing OTA with 47% CAGR (FY20-24) and is profitable since inception

MERCHANDISE PARTNER - TEELABS



Teelabs Apparel Pvt Ltd offers trendy, high-quality custom T-shirts and apparel for college fests, clubs and events. With cutting-edge technology and

creative craftsmanship, we bring stylish, wearable, comfortable, durable T-shirts, ensuring that you stand out in the crowd. Ready to showcase your creativity? Teelabs – Wear Your Identity, Flaunt Your Style!

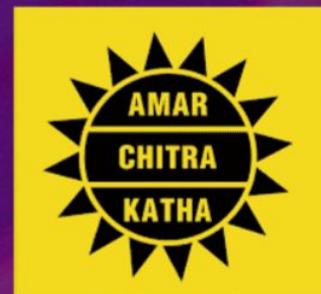
ACCOMODATION PARTNER

TREEBO HOTELS



OFFICIAL COMIC PARTNER

AMAR CHITRA KATHA



PHOTOBOOTH PARTNER

PIXIE PHOTOBOTH



CAMPUS AMBASSADOR

PARTNER - VSKILLS



MERCHANDISE

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Head over to CLT and KV Grounds for the Merchandise Desk
Official Shaastra 2025 Merchandise can also be bought at

sales.shaastra.org

SOCIAL MEDIA HANDLES



Instagram



Shaastra App
Android



Shaastra App
iOS



Website



LinkedIn

ANY QUERIES?

For prompt assistance and streamlined resolution, we encourage you to primarily utilise the complaints form. This allows us to address your concerns efficiently. If a quicker response is required, you may contact the following. Your cooperation helps us provide the best possible support. Thank you for attending Shaastra 2025.

EMERGENCY NUMBERS:

Note: The caller has to dial prefix 2257

i.e., +91-44-2257 xxxx

Animals Related - 8280 / 9999

Bus Transport - 5971

Electrical Emergency - 8185 (24*7)

Hospital Ambulance - 8333 / 8888 (24*7)

Hospital Office - 8300

Hospital Reception - 8330

Security Duty Room - 8280 / 9999

Security Office - 8260

CONTACTS:

Abhinav - 9068081711

Charmika - 9100397034

Anjana - 7013940179

Thrupthi - 7975016134

Sameer - 7219736248

ANIMAL AND ENVIRONMENT SAFETY

Savings for the future:

The biodiversity seen in our campus is under severe pressure due to various activities like constructions, increasing human population, increasing non-biodegradable wastes etc. Every year, the forest area in our campus is shrinking further and further. So how can we expect this beautiful forest to exist, so that it will be available to the future generations too? Together we can make a lot of difference, which will leave a better environment for the future. What are the simple and careful ways of living inside the campus?

When you have to drive inside the campus, drive slowly and carefully.

Do not tease or hurt any form of wildlife inside the campus. Tell children also to be compassionate and caring.

Do not use slings/crackers/snares etc. to frighten/hurt/injure animals. If you see anyone involved in these acts, please discourage them and report them. Almost all forms of wildlife in the campus comes under the Wildlife Protection Act.

Avoid using vehicles inside the campus. For short distances like what exists inside the campus and for the safe speed limits the benefits of using vehicles are low. Rather, it creates more pollution than benefit.





® SHAASTRA2025

3RD - 7TH JANUARY
FRACTAL FRONTIERS

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Participants are responsible for their personal belongings. Shastra, IIT Madras is not responsible for loss of personal belongings.

IIT Madras is a zero-waste zone. Please help us keep the campus clean by using the nearest dustbin.

Drugs, alcohol and smoking is prohibited inside the institute. Violations will be severely prosecuted.

Use of powered vehicles is banned inside the institute.

For queries, reach us out at: outreach@shastra.org