

DEPARTMENT OF CIVIL AND STRUCTURAL ENGINEERING

DEPARTMENT DATA COLLECTION

1. Basic Department Information

- **Department Name** : Civil and Structural Engineering
- **Year of Establishment** :2009
 - B.E Civil and Structural Engineering – 2009
 - B.E Civil Engineering - 2014
 - B.E Civil Engineering Part Time - 2014
- **HoD Name, Photo & Message (80–100 words)**

Dr.G.Kesavan, M.E, Ph.D.,

It is a pleasure to lead the Department of Civil Engineering, established in 2009 to meet the rising demand for Civil Engineers in industry and academia. The department equips students with up-to-date technical knowledge and internship-based field experience, shaping them as the “Builders of the Nation.” We ensure awareness of technological developments through quality education and activities such as survey camps, field and industrial visits, guest lectures, and skill-development training. The program framework offers opportunities to become researchers, designers, job-seekers, entrepreneurs, or innovators. Our successful alumni reflect our excellence, and SCSVMV provides value-based education and global exposure for future leaders.



- **Department Vision**

The Civil and Structural Engineering aims at providing accessible and relevant programs that are directly applicable to the dynamic environment, in which our students will work, live and contribute.

- **Department Mission**

- ✚ To educate our students on design, construction, maintenance and advancements in the field of Civil Engineering for providing solutions to upgrade the society.
- ✚ To develop graduates to compete at the local, national and global level.
- ✚ To inculcate universal human values and professional ethics.

✚ To provide a healthy environment for teaching and to promote research, Consultancy and extension activities through continuous support and constant interaction with research organizations and industries.

• **Unique Features of the Department (5-7 bullet points)**

- Comprehensive curriculum aligned with modern industry needs and emerging technologies.
- Well-equipped laboratories and facilities supporting hands-on learning and research.
- Highly qualified faculty committed to academic excellence and student mentoring.
- Strong exposure to real-world practice through internships, site visits, and survey camps.
- Opportunities for students to engage in mini-projects and academic research under faculty supervision.

2. Courses Offered

Collect for each program:

UG / PG / Integrated / Diploma / Ph.D

Course Name	Duration	Eligibility	Intake	Specialisations	Carrer Opportunities	Industry Relevance
B.E-Civil Engineering (Full Time)	4 Years (Eight Semesters)	Age Maximum age limit to join B.E/ B.Tech (Full time) course is 20 years. Educational Qualification Passed 10+2 examination with Physics and Mathematics as compulsory subjects along with one of the Chemistry / Biotechnology / Biology / / Computer Science / Information Technology / Informatics Practices / Obtained at least 45%, Marks (40%	30	1. Construction Engineering, 2. Structural Engineering, 3. Environmental Engineering, 4. Remote Sensing and GIS, 5. Geotechnical Engineering, 6. Transportation Engineering.	• Site Engineer • Surveyor • Project Manager • Design Engineer • Quantity Surveyor • Construction Manager • Structural, • Environment Transportation and Geotechnical Engineer. Civil engineers can work in construction companies, consultancies, government departments, infrastructure projects, and research organizations.	Civil engineering underpins the construction of vital infrastructure like roads, buildings, and water systems. It drives sustainable urban development and economic growth across industries.

		marks in case of candidates belonging to reserved category) in the above subject taken together (As per AICTE Norms).				
B.E-Civil Engineering-Part Time	3 Years 6 months-Seven Semesters	Diploma in Civil Engineering				
Ph.D Full Time and Part Time	Full Time- 3 Years – Part Time – 7 Years	As per UGC Norms				

Government sectors

- CPWD (Central Public Works Department)
- PWD (Public Works Department)
- NHAI (National Highways Authority of India)
- Indian Railways
- State Municipal Corporations
- Irrigation & Water Resources Department
- Smart City Mission Projects
- DRDO (Infrastructure & Facilities Wing)
- ISRO (Civil & Infrastructure Division)
- BSNL Civil Wing
- MES (Military Engineer Services)
- State Pollution Control Boards

- National Water Development Agency (NWDA)
- Central Water Commission (CWC)

Private companies

- Larsen & Toubro (L&T Construction)
- Tata Projects
- Afcons Infrastructure
- Gammon India
- Hindustan Construction Company (HCC)
- GMR Group
- GVK Infrastructure
- Adani Infrastructure & Ports
- JSW Infrastructure
- Sobha Developers
- DLF (Real Estate & Construction)
- Godrej Properties

3. Faculty Information

- [Updated Faculty List](#)

Sl.No	Name of the faculty	Qualification	Designation	M.E Specialization
1	Dr. G. Kesavan	M.E, Ph. D	Assistant Professor-III& HOD i/c	Geo technical Engineering
2	Dr. R. Sumathi	M.E, Ph.D.,	Assistant Professor-II	Environmental Engineering
3	Mr. K. Vasu	M.E, (Ph. D)	Assistant Professor-III	Structural Engineering
4	Dr. P. Meenakshi	M.E Ph.D.,	Assistant Professor-II	Construction Engineering and Management
5	Dr. M. Suresh Kumar	M.Tech, Ph. D.,	Assistant Professor-II	Geo informatics
6	Mr. V. John Sundar Raj	M.Tech. (Ph. D)	Assistant Professor-II	Construction Engineering and Management
7	Mr.M.Dinesh	M.E (Ph. D)	Assistant Professor-II	Structural Engineering
8	Mrs. P.Punitha	M.E	Assistant Professor-I	Structural Engineering
9	Mr. M.Vimalanathan	M.E	Assistant Professor-I	Structural Engineering

• **Distinguished Faculty Achievements (Awards / Grants / Patents/ Recognitions)**




S.No	Name of the faculty & Designation	Month & Year	Awards / Grants / Patents/ Recognitions	Name of the Awarding Agency
1	Dr.R.Sumathi, Assistant Professor (S-II)	November 2025	Best Paper award	B.S. Abdur Rahman Crescent Institute of Science and Technology, Chennai.
		December 2024	NPTEL Discipline Star	IIT-Madras
		August 2023	Doctoral Award	SCSVMV University
		June 2022	Best Paper award	B.S. Abdur Rahman Crescent Institute of Science and Technology, Chennai.
2	Dr.P.Meenakshi, Assistant Professor (S-II)	November 2025	Best Paper award	B.S. Abdur Rahman Crescent Institute of Science and Technology, Chennai.
		September, 2025	Sanskrit Utsav Special prize for attending University Prayer	Department of Sanskrit and Indian Culture, SCSVMV, Kanchipuram.
		February 2025	Doctoral Award	SCSVMV University

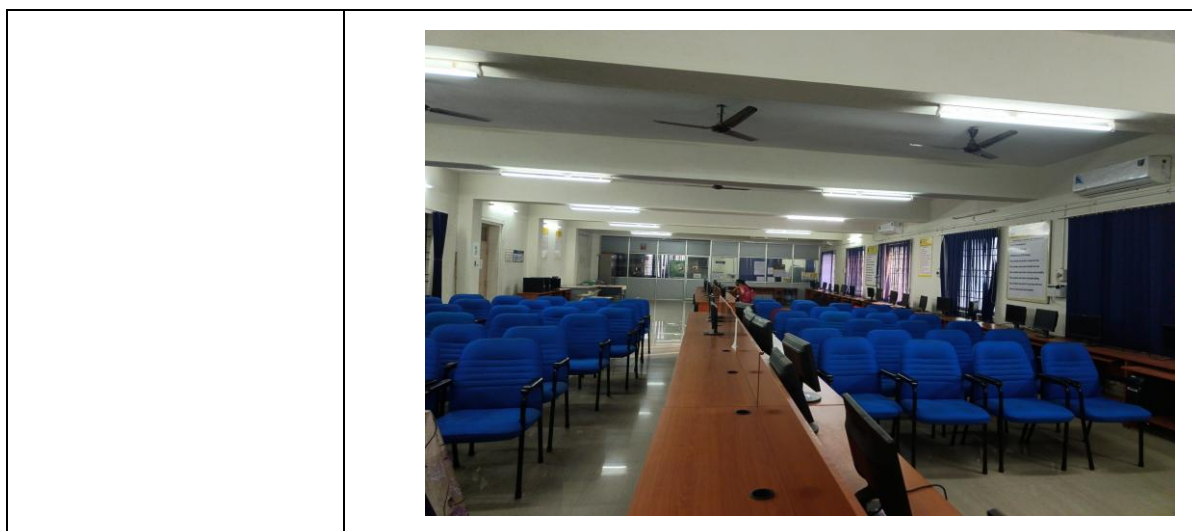
4. Infrastructure & Laboratory Details

• **List of laboratories with brief descriptions**

Name of the Laboratory	Description
Construction Engineering Laboratory	The Construction Engineering Laboratory supports teaching, research, development, and consultancy activities. It focuses on

	<p>experimental studies of concrete in both fresh and hardened states using equipment such as the Compression Testing Machine, Vee Bee Consistometer, Flow Table, Vicat Needle Apparatus, Sieve Shaker, and Le-Chatelier apparatus. A dedicated Concrete Laboratory, integrated with the Structural Lab, enables moderate-scale manufacturing and testing of concrete specimens.</p> 
<p>Highway Engineering Laboratory</p>	<p>The Transportation Engineering Lab is well-equipped for testing highway construction materials like aggregates, and bitumen. It supports bituminous mix and pavement design studies, providing students with hands-on training using instruments such as the Ductility Tester, Tar Viscometer, Ring & Ball Apparatus, Automatic Penetrometer, Flash & Fire Point Apparatus, Marshall Stability Apparatus, and Abrasion Tester.</p> 
<p>Geotechnical Engineering Laboratory</p>	<p>Geo Technical Engineering laboratory is equipped for testing and researching the engineering behaviour and fundamental properties of soil. It features advanced equipment such as the Direct Shear Test, CBR Test, Constant & Variable Head Permeability Apparatus, Core Cutter, and more, providing comprehensive hands-on experience.</p>

	
<p>Environmental Engineering Laboratory</p>	<p>The Environmental Laboratory is equipped with advanced instruments for physical, chemical, and biological analysis of water, wastewater, and air samples. It features the latest equipment, including a BOD incubator, COD apparatus, pH meter, muffle furnace, nephelometric turbidity meter, and respirable dust sampler.</p> 
<p>Surveying Laboratory</p>	<p>The Surveying Laboratory is equipped with standard instruments for instructional purposes, including Total Station, Levels, Theodolites, GPS, and Plane Table. The course provides students with hands-on experience in fundamental land surveying methods as well as advanced techniques.</p> 





5. Student Achievements

- Rank holders / University toppers

S.No	Name of the Student	Month & Year	Name of the Event	Name of the Awarding Agency
1	K.Srilekha	February 2025	28 th Convocation Late S.Subhulakshmi Award (Highest Marks in University Degree Course in B.E) Gold Medal - Highest score in the Department	SCSVMV University
3	Balagam Devi Sree Sharan	February 2025	28 th Convocation Silver Medal- Second highest grade in the Department	SCSVMV University

6. Department Activities (Last 1 years)

Title	Date	Resource Person	Organised by
Guest Lecture on "Ecology and Environment in Our Daily Life"	29.04.2025	Dr. Somayaji Sankaran, Chief Scientist (Director Gr) & Head, Environmental Geophysics Group	Green Cell in association with the Department of Civil and Structural Engineering
			
Academic Enrichment	06.09.2025	Dr. G. Swaminathan,	Department of Civil

Session for Faculty		Professor (HAG), Department of Civil Engineering, NIT Tiruchirappalli	and Structural Engineering
			
GATE Awareness Programme on "Cracking Gate 2026 - A strategic pathway to Success	26.09.2025	Dr. Shiva Nagendra S. M., Professor, Department of Civil Engineering, IITM Chennai.	Department of Civil and Structural Engineering
			

7. Research & Publications

- Publications (SCI, Scopus, Book Chapters – last 3 years)

S.No	Name of the Faculty	Title of the Paper	Scopus/ WOS Google Scholar	Volume/ Issue/ ISSN/Year	Name of the Journal	Impact Factor
AY 2024-2025						
1	Mr. M. Dinesh & Dr. G. Kesavan	Dynamic performance analysis of reinforced concrete frames with viscous dampers using finite element modeling. SSRG,	Scopus	12(5), Pp.226-235. ISSN: 2348-8352 May 2025	International Journal of Civil Engineering https://doi.org/10.14445/23488352/IJCE-V12I5P118	Nil

1.	R. Sumathi & G. Sriram	Comparison of Machine Learning Models in the Prediction of Accumulation of Heavy Metals in the Tree Species in Kanchipuram, Tamil Nadu	UGC Care /Scopus	22(2), ISSN: 0972-6268, Pp 853-860, June 2023	Nature Environment and Pollution Technology	0.19
2	P. Meenakshi & K. Ambiga	Prediction of the Water Quality Index Using ANFIS Modeling	Scopus	13(3), ISSN: 2582-5208, Pp 167-172, April 2023	Journal of Pharmaceutical Negative Results	Nil
3	Balachandukoya & M.Sureshkumar	High Strength Self-Compacting Concrete Reinforced Beams with Steel and GFRP Bars: Performance of Fly-ash and GGBS-based Materials	Scopus	12(6), ISSN 2063-5346 Pp 4286 - 4295 June 2023	European Chemical Bulletin	Nil
4	K. Vasu & G. Kesavan	Stabilization of Peat soil for the Formation of Subgrade by using Fly ash & Acrylonitrile Butadiene Styrene Plastic	Scopus	2523(1) ISSN: 1551-7616 Pp 1-8, January 2023	Recent Advancements in Mechanical Engineering and Industrial Management	Nil

- Research Grants (Ongoing & Completed) -Nil
- Patents (Filed / Granted)-Nil
- MoUs signed (Industry / Academic)-Nil
- Ongoing research projects -Nil

8. Placement Information (AY 2022-2023, AY 2023-2024 and AY 2024-2025)

Civil and Structural Engineering

Placement Highlights (Last 3 years)

- Companies visited

Company visits 2023-2024

Teemage Plant, Damal Date: 23.02.2024



Company visits - 2024-2025

MST REBAR SERVICES PVT.LTD ON 22.5.2025



- Placement Details for the last Three Years

Academic Year	2022-2023	2023-2024	2024-2025
Highest Salary Package	3.5 LPA	3.8 LPA	2.16 LPA
Average Salary Package	2.4 LPA	3.8 LPA	2.16 LPA
Number of Students Placed	3	1	1

Placed Students Details

2022-2023

11199K001	Achanta Sri Raviteja	TCS	GET	3.5 LPA
11199K002	Golla Ravindranath	Blue Drop Enviro Pvt. Ltd.	GET	1.8 LPA
11199K011	N Gowtham Sai	Blue Drop Enviro Pvt. Ltd.	GET	1.8 LPA

2023-2024

11209K001	Devi Sree Sharan	Spectra Construction and Infrastructure Pvt. Ltd.	GET	1.80 LPA
		Q SPIDER	GET	3.8 LPA

2024-2025

11219K001	Mulumudi Vinayaka Venkata Varun	SathiLokhar Synergys, Chennai	GET	2.16 LPA
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- Internship details

2022-2023	2023-2024	2024-2025
16	1	1

- Internship details -Batch-2019-2023

List of Final Year students undertaking the field projects/ research projects / internship program-wise in AY 2021-22.

Student Strength - 16

Sl. No	Register Number	Name of the Student	Company Name	Internship Period (from and to date)
1	11199K001	Achanta Sri Raviteja	Ananda Homes Poetree extension project, Narsingi, Hyderabad, Telangana	02.05.2022 to 15.06.2022
2	11199K002	Golla Ravindranath	Sree Venkateswara Projects, Building constructions, Hyderabad, Telangana	02.03.2022 to 02.05.2022
3	11199K003	Kamalesh P	Prakash Engineering Constructions Institution Building, Kanchipuram, Tamil Nadu.	01.11.2020 to 31.01.2021
4	11199K004	Karna Keerthi Prasad	PLR Projects Bridge construction project, Sodam, Chittoor, Andhra Pradesh	22.04.2022 to 03.07.2022
			Apna Engineers Residential Building Construction, Nellore	14.05.2021 to 10.07.2021

5	11199K005	Kasseti Dinesh Pullayya	Rockeira Engineering LLP Gowthami Railway Bridge Project Work, Hyderabad	14.01.2021 to 15.04.2021
6	11199K006	Katthuroju Sharan	DRN Infrastructure pvt ltd, Civil Asset, Hubballi, Karnataka	06.09.2021 to 05.10.2021
7	11199K007	Kola Naga Shanmukh	Gayatri constructions, Construction of Standlone Ring Road, Somajiguda, Hyderabad	15.05.2021 to 05.07.2021
8	11199K008	Kondiseti Mahendra Naidu	Topex Enterprises, Construction of Seven Storey Residential Apartment, Visakhapatnam	28.04.2022 to 30.06.2022
9	11199K009	Koniki Sravya	Chirala Municipal Government Hospital construction, Chirala, Andhra Pradesh.	02.05.2022 to 15.06.2022
10	11199K010	Leela M	GPR Builders, Residential Building, Kanchipuram, Tamil Nadu	03.05.2022 to 31.05.2022
11	11199K011	Nagulugalla Gowtham Sai	AMR Infrastructures, Residential Building, Kadapa, Andhra Pradesh.	01.05.2022 to 30.05.2022
12	11199K012	Ravanam Leela Sasidhar	Mano Construction Residential Building construction, Madurai	12.10.2021 to 12.11.2021
			VV Construction Residential Building construction, Madurai	12.10.2020 To 24.10.2020
13	11199K013	M Saketh	Polu Associates, Residential Building and Apartments construction, Tirupathi, Andhra Pradesh	04.06.2022 to 04.07.2022
14	11199K014	Saladi Bhaskara Venkata Sai Trinadh	Department of Roads and Buildings, Amalapuram, Andhra Pradesh	13.06.2022 to 30.06.2022
15	11199K015	S V S R Shanmukh SarmaInuganti	Sri Sai Lakhmi Constructions & Co Building Construction, Madhapur, Hyderabad	01.04.2022 to 30.04.2022
16	11199K016	Siddharth Tripathy	NCC, Saryu enclave UPHB Project, Lucknow, Uttar Pradesh	14.09.2021 to 15.11.2021

• **Internship details - Batch 2020-2024**

List of Final Year students undertaking the field projects/ research projects / internship program-wise in AY 2023-24.

Student Strength - 03

S.No.	Register Number	Name of the Student	Place / Industry	Date
1	11209K001	Balagam Devi Sri Sharan	Ambika Architects & Engineers, Rajamahendravaram, Andhra Pradesh.	01.07.2023 to 30.07.2023
2	11209K003	K.Srilekha	Lower Palar Basin Division, Water Resources Department,	01.07.2023 to

			Kanchipuram	28.07.2023
3	11209K004	S.Prabhakaran	PWD Buildings C&M Division, Kanchipuram	03.07.2023 to 31.07.2023

• **Internship details - Batch 2021-2025**

List of Final Year students undertaking the field projects/ research projects / internship program-wise in AY 2024-25.

Student Strength - 01

S.No.	Register Number	Name of the Student	Place / Industry	Date
1	11219K001	Mulumudi Vinayaka Venkata Varun	Water Resources department at Nellore Barrage cum bridge, Andra Pradesh.	13.06.2024 to 13.07.2024
2			Next Generation 3D Printers, P.Ltd., Chennai.	15.10.2024 to 19.10.2024

• **Internship details - Batch - 2022-2026**

List of Final Year students undertaking the field projects/ research projects / internship program-wise in AY 2025-26.



Student Strength - 01

S.No.	Register Number	Name of the Student	Place / Industry	Date
1	11229K001	Bestharalli Kakaraparthi Naga Sai	Construction of WBM -Based Flexible Pavement Constructions , Kondaiah Construction Company, Govindaiah Doddi Roadwork, Settur, Anantapur, Andhra Pradesh.	15.06.2025 to 15.07.2025

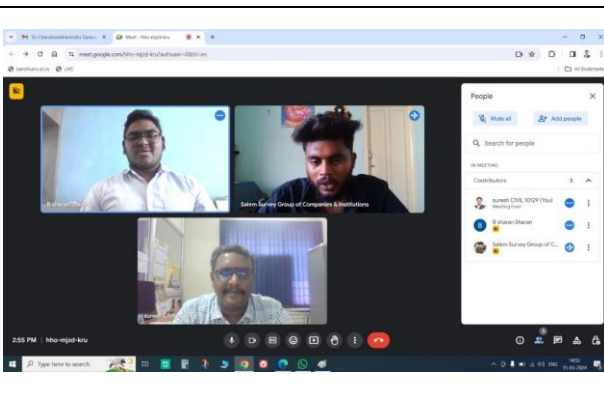
Sl. No.	Register Number	Name of the students	Nature of the events	Institution /Place	Date
1	11229K001	Bestharalli Kakaraparthi Naga Sai (11229K001)	Minor Degree in Artificial Intelligence	IIT Ropar, Rupnagar, Punjab, India	9 Months (Started on 20.01.2025)

Photos required

Placement drives - 2024-2025

<p>Mega Job Fair 15.03.2025</p>	
<p>Mr. Mulumudi Vinayaka Venkata Varun, a final-year student, was placed as a Graduate Engineer Trainee in Sathlokhar Synergys E&C Global Limited with a package of Rs.168,000 per year.</p>	

Placement drives - 2023-2024

<p>On 15.03.2024, a placement drive was conducted for final-year Civil Engineering students with two online interview rounds – an HR interview on Google Meet followed by a telephonic technical round. Based on his performance, Mr. Sharan was selected as an Assistant Surveyor at Salem Survey Institute.</p>	
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- Recruiter interaction sessions

2024-2025



श्रीचन्द्रशेखरेन्द्रसरस्वतीविश्वमहाविद्यालयः
SRI CHANDRASEKHARENDRA SARASWATHI VISWA MAHAVIDYALAYA
(Deemed to be University established u/s 3 of the UGC Act 1956) (Accredited with "A" grade by NAAC)
 Enathur, Kanchipuram - 631 561. www.kanchiuniv.ac.in

Training & Placement Division

"SAMBHAV -2025"

Industry Academia Collaboration Conclave


DATE
07
March
2025

TIME
01 pm
Onwards

Participating Organizations






9. Alumni Information

- Notable alumni currently in **high positions** (recent pass-outs preferred) (Top 10)

Name	Batch	Company / Position	Photo
Repaka Vasu	2017-2021	Deputy Manager, Adani Logistics Limited, Kotkapura (14LPA)	
Chillukuri Mohan	2017-2021	Thornton tomasetti company, Chennai (8LPA)	

10. Outreach Activities


- Industry visits

S. No	Date	Name of the Event	Report with Photos
1	26.09.2022	Industrial Visit to CSIR- SERC Chennai	  
2	10.10.2022 to 14.10.2022	Survey Camp	<p>Survey camp was organized by the department for the entire final, third- and second-year students from October 10, 2022 to October 14, 2022. 20 numbers of students, 9 teaching faculties and 5 non-teaching members attended this survey camp.</p>  

			
3	12.10.2023	Field Visit-Sathanur Dam, Thiruvannamalai District	<p>One day visit to Sathanur Dam was organized by the Department of Civil and Structural Engineering on October 12, 2023. 5 Faculties and 5 students visited the irrigation and hydraulic structures.</p>  
	05.02.2024	Site Visit- Nursing College Construction Work	<p>Half a day visit to Nursing college construction was organized by the Department of Civil and Structural Engineering on February 5, 2024. 12 Faculties visited the site.</p>

4			 
5	12.02.2024	Hyundai Motor India Limited, Chennai	<p>An industrial visit to the Hyundai Motor India Limited, Chennai was organized by the Department of Electronics and Instrumentation Engineering with Civil and Structural Engineering on February 12, 2024. Three students with one faculty from the Civil & SE visited the Campus.</p>  
6	23.02.2024	Industrial visit - Teemage plant,	<p>An industrial visit to the Teemage plant, Damal, Kanchipuram was organized by the Department of Civil and Structural Engineering on</p>

		Damal, Kanchipuram	<p>February 23, 2024. 4 students and 12 staff members visited the site.</p>   
7	02.03.2024	Field Visit- Sathyamoorthi Sagar Reservoir, Poondi, Thiruvallur district	<p>An industrial visit to the Sathyamoorthy Sagar Reservoir, Poondi, Tiruvallur District was organized by the Department of Civil and Structural Engineering on March 2, 2024. 5 students and 14 staff members visited the site.</p>

			
8	09.06.2025	Experiential Visit to IIT Madras	<p>The Department of Civil and Structural Engineering has organised “Building the Future: A Civil Engineering Journey to IIT-Madras” - An Experiential Visit to IIT Madras for 12th Completed and Pursuing Students on June 9, 2025 in collaboration with IIT Madras.</p> 