St. JOSEPH'S INSTITUTE OF TECHNOLOGY
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(AN AUTONOMOUS INSTITUTION)
OMR, CHENNAI - 119

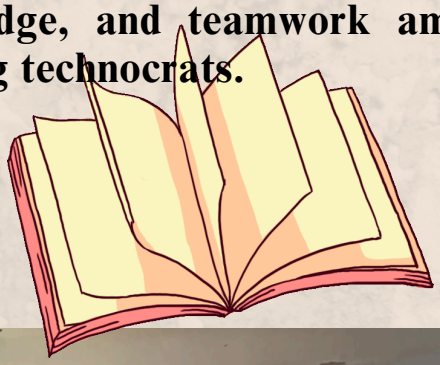
NEWSLETTER

APRIL MONTH 2025

ISSUE NO 4

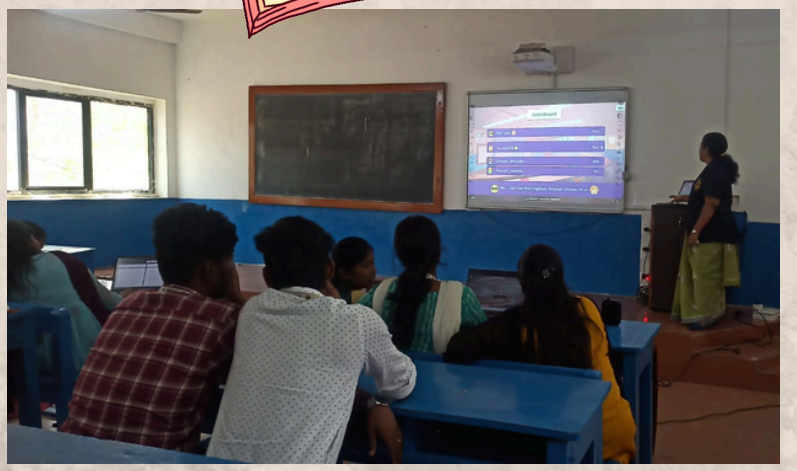
Professional Society Chapter Activities - CSI

The Department of Information Technology, in collaboration with the Computer Society of India (CSI) Student Chapter, successfully organized the "Mind Hunt" quiz competition on April 01, 2025. The event was exclusively conducted for II Year and III Year CSI student members, aiming to foster logical thinking, technical knowledge, and teamwork among budding technocrats.



The "Mind Hunt" event was designed to:

- **Stimulate interest in core IT and computer science concepts**
- **Encourage critical thinking and problem-solving in a competitive format**
- **Promote active engagement among CSI members through collaborative learning**



The competition was structured in multiple rounds, including:

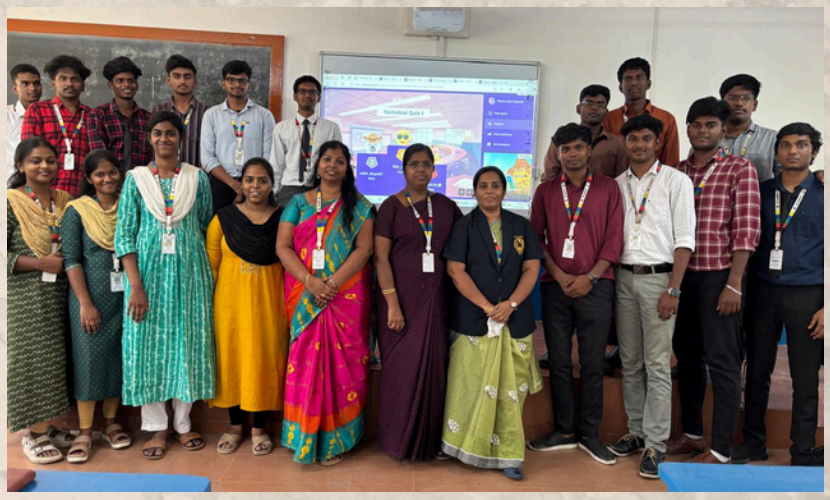
- **Preliminary Round: An objective written quiz to shortlist top-performing teams**
- **Technical Round: Domain-specific questions covering programming, algorithms, databases, and emerging technologies.**
- **Rapid Fire & Buzzer Round: A fast-paced challenge testing accuracy and speed**

The event witnessed enthusiastic participation from II and III Year CSI members, with over 30 teams competing in the preliminary round. After a competitive selection process, the top 5 teams advanced to the finals.

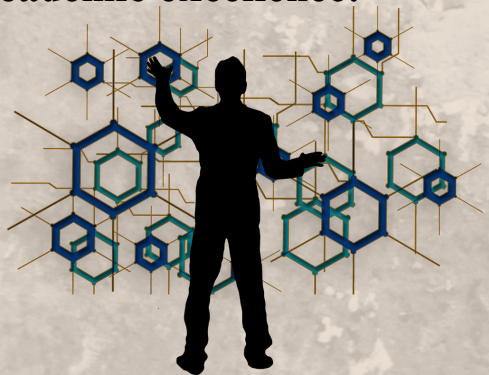
- High levels of student engagement and competitive spirit
- Interactive quiz rounds that blended academic content with fun
- A panel of faculty coordinators and CSI chapter mentors served as judges and moderators

Prizes and certificates were awarded to the winners and runners-up, while all participants received appreciation certificates for their involvement.

"Mind Hunt" was a grand success, receiving positive feedback from both students and faculty. The event served as a platform for students to test their technical knowledge and reinforced the importance of active participation in professional chapters like CSI.

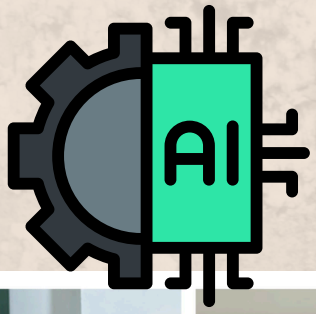


By blending learning with competition, "Mind Hunt" achieved its goal of enhancing student engagement and strengthening technical foundations. The Department of IT and the CSI Chapter plan to continue hosting similar events to nurture innovation and academic excellence.



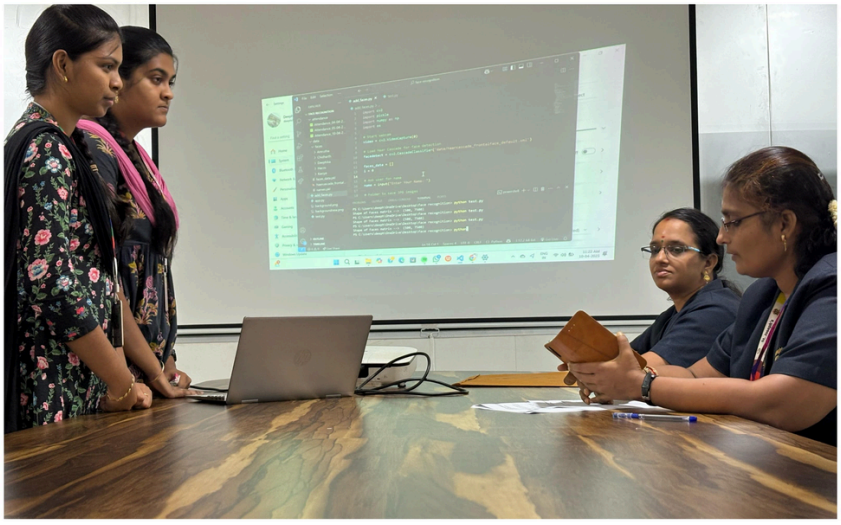
Professional Society Chapter Activities - CSI

The Department of Information Technology, in collaboration with the Computer Society of India (CSI) Student Chapter, proudly organized Innovatex 2025 on April 10, 2025. This event was designed as a platform for II Year and III Year CSI student members to showcase innovative, technology-driven solutions aimed at creating a more sustainable and eco-friendly future.



Innovatex 2025 aimed to:

- **Inspire students to think creatively about sustainability through the lens of technology**
- **Encourage the development of practical, real-world tech solutions to environmental and societal challenges**
- **Provide a platform for ideation, teamwork, and innovation.**



Participants were encouraged to develop concepts and prototypes in areas such as:

- **Renewable energy**
- **Smart waste management**
- **Green IT solutions**
- **AI for environmental monitoring**
- **IoT-based resource optimization**

Professional Society Chapter Activities - CSI

Innovatex 2025 successfully brought to light the potential of young technologists in contributing toward a sustainable world. The event was praised for its relevance, student engagement, and the quality of ideas presented.

Professional Society Chapter Activities - CSI

Innovatex 2025 was more than a competition — it was a step forward in cultivating socially responsible innovation. The Department of IT, in association with the CSI Chapter, looks forward to making this an annual tradition that inspires future-ready and eco-conscious technologists.

SUMMER SCHOOL INTERNSHIP PROGRAM

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SUMMER INTERNSHIP TRAINING PROGRAM

Exclusively for students completing Class of X, XI & XII

CERTIFICATE WILL BE PROVIDED FOR ALL THE PARTICIPANTS

Day 1
HTML Basics
22-04-2025

Day 2
CSS Fundamental
23-04-2025

Day 3
JavaScript Essential
24-04-2025

Day 4
React JS
(Intro to Full Stack)
25-04-2025

Day 5
React JS
Application Development
26-04-2025

SCAN TO REGISTER

Full Stack Mastery Begins Here.

Register Now - https://forms.gle/aTCSrq8TYXJcQYoM8

For More Details
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FOOD & TRANSPORTAT WILL BE PROVIDED

Offline
22nd to 26th April, 2025
07:50 am - 03:00 pm

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The Choice of
Disciplined Toppers

SUMMER SCHOOL INTERNSHIP PROGRAM

As a part of the college outreach program this event was organised. The main moto of the event is to create awareness among school students regarding the recent technological advancements.

The Event was planned in collaboration with the industry partner Aptitude Guru Hemachander.The program was scheduled for 5 days in Online mode. The event was named as Stackverse (Full stack web development course). Here students were trained for web development using HTML and React JS. The Event started with registration and we got nearly 163 participants from 38 Schools.

The event started with a common inauguration after which students were taken through the training process. Sai ram the trainer from aptitude guru led the training process. The first day training started with introduction to HTML Basics inorder make the students understand the basic of web design and the components used in web design.

The second day students were trained on Cascading style sheets the design components that can be used in a web page. The third day Java Script essentials were trained for backend coding part where the students write code to perform the actions to be performed in the web page. The Fourth day basic of React Js was taught to the students for web site designing.

SUMMER SCHOOL INTERNSHIP PROGRAM

The last day students were given the task for developing our college website web page using the contents which they learnt in the past four days. The students really enjoyed the environment and they were eager in learning the content. They were interested in development many of the students had a better understanding of coding.

They were interested in development many of the students had a better understanding of coding. Food and transport was provided for all students. The students were very much inspired by our college culture and work environment. The student feedback was also good and said that they would like to attend future events like this.

SUMMER SCHOOL INTERNSHIP PROGRAM

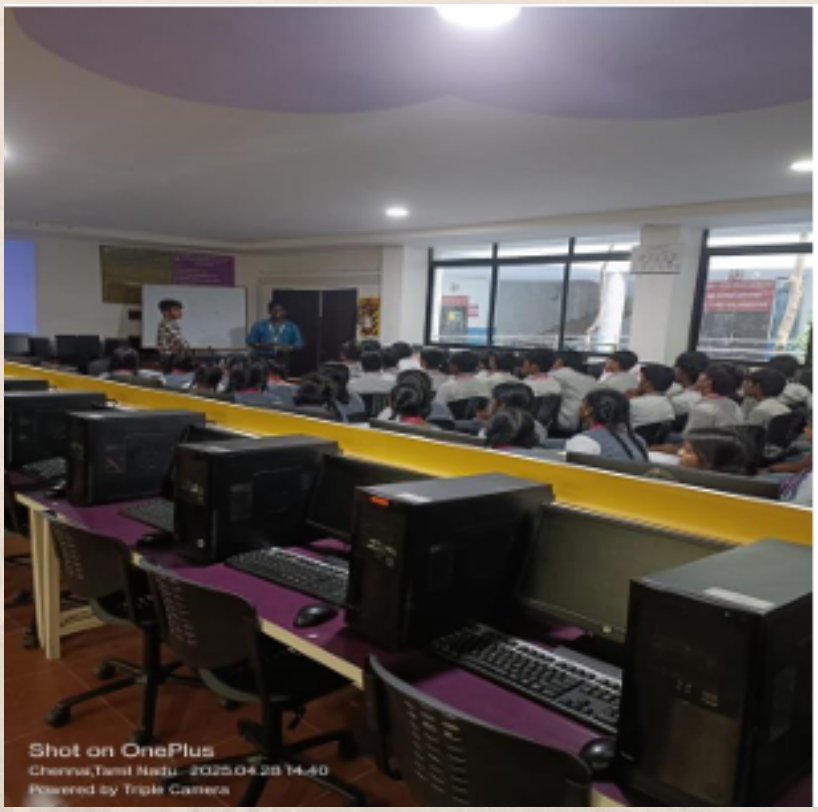
List of Schools Attended:

1. Alpha Matriculation Higher Secondary School
2. Bethel Matriculation Higher Secondary School
3. Bhuvana Krishana Matriculation higher Secondary School
4. BKM Matric Higher Secondary School
5. Chirst King Girls Hr.Sec.School
6. Christ king matriculation higher secondary school
7. Corporation Higher secondary school
8. Dhanalakshmi hr sec school
9. Everwin vidhyalaya
10. GHSS, Velangapakkam
11. GHSS,Sholinganalur
12. Guru nanak mat.hr.sec.school
13. HLC International School
14. Holy family convent matriculation hr sec school
15. Jai Gopal Gariodia National hr sec school
16. Jeppiaar matriculation school
17. KRM Public School (CBSE)
18. Madras Christian College Matriculation higher secondary school
19. Manuel Mony Matriculation Higher Secondary School
20. MPBV GHS
21. Nellai nadar matriculation higher secondary School
22. New price Shri bhavani senior sec school
23. Padma Adarsh Higher Secondary School
24. Prince Srivari Senior.Hr.Sec.School
25. Rosily Mat hr sec school
26. Sai matriculation higher secondary School
27. Sairam Vidyalaya
28. See gokulam public school chengalpet
29. Shraddha childrens academy padur
30. ST JOSEPH MATTRICULATION HIGHER SECONDARY SCHOOL
31. St. Antony's matric hr sec school
32. st. johns mat hr.sec.school
33. St. Mary's Matirc. Hr. Sec. School
34. St. Pauls Mat.Hr,Sec,School
35. SVVV Sr. Sec. School
36. Velammal Vidhyashram Padur
37. Velammal Vidyalaya
38. Zion matric higher secondary school, selaiyur

SUMMER SCHOOL INTERNSHIP PROGRAM

SUMMER SCHOOL INTERNSHIP PROGRAM

As a part of the college outreach program this event was organised under STEM Summer Internship program. The main moto of the event is to create awareness among school students regarding the recent technological advancements.



The Event was organised under STEM Summer Internship Program where students from 2 different schools participated. The two schools include Anna gem science park Mat.Hr.Sec.School and St.Peters Mat.Hr.Sec.School.There were totally 53 students involved in this training program.

The students opted for Data Science and Machine Learning domain. They were trained on basic knowledge of Data Science and Machine learning. The python coding platform was chosen and initially two days the basic of python programming was taken for understanding and then machine learning was taken.

Students were trained on what is machine learning the types of machine learning then they were taught on Linear regression,Logistic regression and concepts on Overfitting and underfitting taught. The students were trained on pandas,numpy and other basic libraries that are used for ML programming.

Sample programs were shown as demo for ML scenario like working with iris dataset, heart disease prediction and spam mail filtering were shown.

Live hands on training was given to students for practice. The last day after session students were brief about the pep domains in our college and its advantage towards the students career development.

SUMMER SCHOOL INTERNSHIP PROGRAM

The event proved successful for students completing their XII as they had a option of courses they can do.
The college environment gave them a perfect place to learn a new environment. Our Research labs gave them the expectation of future industry.
The students enjoyed well as well as had a wonderful time in learning new trends.

STAFF WORKSHOP

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(PHYSICAL MODE)

ON

"DEEP LEARNING IN MEDICAL IMAGE PROCESSING"

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Retired Professor,
Department of Information Science and Technology,
CEG Campus, Anna University.

Dr. M. Vijayalakshmi
Professor,
Department of Information Science and Technology,
CEG Campus, Anna University.

Dr. Jagadeesh K
Assistant Professor,
IIITDM Kancheepuram.

Dr. U. Sabura Banu
Professor,
Saveetha Engineering College
Thandalam.

DATE	TIME	VENUE
28th To 30th APRIL 2025	9 AM - 3 PM	LIBRARY CONFERENCE HALL

STAFF WORKSHOP

The Department of Information Technology successfully organized a three-day staff development workshop on "Deep Learning in Medical Image Processing" from April 28 to April 30, 2025. The event was conducted with the aim of enhancing the knowledge and research skills of faculty members in the rapidly evolving field of deep learning and its applications in medical imaging.

The workshop brought together distinguished speakers from academia and industry who shared valuable insights and practical expertise. The sessions covered a wide range of topics including:

- **Fundamentals of deep learning and convolutional neural networks (CNNs)**
- **Techniques for preprocessing and augmenting medical images**
- **Applications of deep learning in diagnostics, segmentation, and classification**
- **Hands-on training using popular frameworks such as TensorFlow and PyTorch**
- **Real-world case studies involving MRI, CT scans, and X-ray imaging**

STAFF WORKSHOP

Participants were engaged in interactive lectures, live coding sessions, and group discussions. The workshop also featured practical sessions where attendees had the opportunity to implement and test various deep learning models on medical imaging datasets.

The workshop concluded on April 30 with a feedback session and certificate distribution ceremony. Participants expressed their appreciation for the high-quality content, expert instruction, and collaborative learning environment.

Overall, the event was a great success, significantly contributing to the professional development of the faculty and encouraging future research initiatives in the field of AI-powered healthcare solutions.

The sessions were led by renowned experts from both academic and industrial backgrounds, who shared theoretical insights and conducted practical demonstrations. The workshop featured a balance of lectures, hands-on exercises, and Q&A sessions.

The event concluded with a certificate distribution ceremony and a feedback session, where participants expressed keen interest in further training and collaborative research opportunities.

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