



SVCE | Sri Venkateswara
College of
Engineering

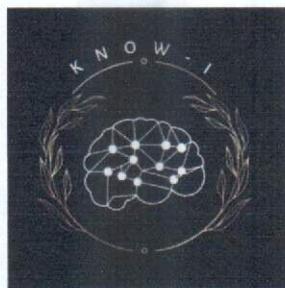
SVCE IQAC
Consciousness for Quality

[Autonomous - Affiliated to Anna University, Chennai]
Sriperumbudur – Tk. 602 117, Tamil Nadu, India. www.svce.ac.in

KNOW-I RESEARCH CLUB

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

REPORT 2024 –2025



Coordinators

1. Mrs. R. K. Kapila Vani, AP/CSE
2. Mrs. V. Radha, AP/CSE

Convener

Dr. R. Anitha, Professor & Head,

Department of Computer Science and Engineering

Forwarded to Principal

22/4/25

25/4/25



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

KNOW -I RESEARCH CLUB

LIST OF EVENTS ORGANIZED ACADEMIC YEAR 2024-2025

S.NO	EVENT NAME	DATE	PAGE NO
1	INAUGURATION OF KNOW -I AND GUEST LECTURE ON APPLICATIONS ON INDUSTRY 5.0	29-08-2024	6
2	WORKSHOP ON XAI/RAI AND NLP	30-09-2024	15
3	PAPER PRESENTATION ON AI-DRIVEN SDG SOLUTIONS	09-11-2024	23
4	TECHNICAL EVENTS ON ANALYTICS SHOWDOWN 3.0	08-02-2025	31
5	HACKML 2.0	03-05-2025	41

30/6/25

**SVCE**Sri Venkateswara
College of
Engineering**SVCE** IQAC
Consciousness for Quality**OFFICE BEARERS OF KNOW-I**

S. No	Name	Department	Year/Sec	Designation
1.	RAAGA PRIYA J K	AI-DS	IV	PRESIDENT
2.	GAYATHRI MOHANRAJU	AI-DS	IV	VICE-PRESIDENT
3.	ARAVINDHAN S S	CSE	IV/A	TREASURER
4.	PRAJITH PAAVAN K	AI-DS	IV	SECRETARY
5.	SAHANA SATHYAN	AI-DS	IV	RESEARCH LEAD
6.	ARCHANA G	CSE	IV/A	TECH LEAD
7.	ATHISH G B	AI-DS	IV	SPONSORSHIP DIRECTOR
8.	ABHINAV KRISHNA M A	AI-DS	IV	MENTOR DIRECTOR
9.	BALAJI B	CSE	IV/A	MENTOR DIRECTOR
10.	SHREEMIRRAH A K	AI-DS	IV	MENTOR DIRECTOR
11.	SATHIYA A	AI-DS	IV	MENTOR DIRECTOR
12.	CLARINDA SUSAN	AI-DS	III/A	CHIEF MARKETING OFFICER
13.	KIRTHANA	CSE	III/B	CHIEF OF STRATEGY
14.	ARUNIMA MURALITHARAN	AI-DS	III/A	PLANNING MANAGER

S. No	Name	Department	Year/Sec	Designation
15.	BHUVANESHWARAN A	CSE	III/A	WEB LEADER
16.	KARTHEESAN SE	CSE	III/B	SENIOR WEB DEVELOPER
17.	MUGILVANNAN	AI-DS	III/B	SENIOR OPERATIONS EXECUTIVE
18.	SRINIDHI B	CSE	III/C	SENIOR OPERATIONS EXECUTIVE
19.	JHALAK VARSHISTHA	AI-DS	III/A	SENIOR OPERATIONS EXECUTIVE
20.	DEVESH S	CSE	III/A	SENIOR OPERATIONS EXECUTIVE
21.	BHALAHARINI	CSE	III/A	SENIOR MARKETING EXECUTIVE
22.	ASHISH S	CSE	III/A	SENIOR MARKETING EXECUTIVE
23.	CLETUS RAJKUMAR	CSE	III/A	SENIOR RESEARCH EXECUTIVE
24.	HEMANTH	AI-DS	III/A	SENIOR RESEARCH EXECUTIVE
25.	PRAVEENKUMAR B	CSE	III/B	SENIOR RESEARCH EXECUTIVE
26.	AJAY A	AI-DS	III/A	SENIOR RESEARCH EXECUTIVE
27.	ARUN VELAYAN SRINIVASAN	CSE	II/A	OPERATIONS EXECUTIVE
28.	ARTHI BALAJI	CSE	II/C	OPERATIONS EXECUTIVE
29.	SANJETH S	CSE	II/C	OPERATIONS EXECUTIVE
30.	SHREE KHEERTHI AGRATHAA N	CSE	II/C	OPERATIONS EXECUTIVE
31.	DHIKSHITHA S	AI-DS	II/A	OPERATIONS EXECUTIVE
31.	SALMA SIDDIQUE	CSE	II/C	OPERATIONS EXECUTIVE
32.	SIDDHARTH JK	AI-DS	II/B	MARKETING EXECUTIVE
33.	THIRUKUMARAN G	CSE	II/C	MARKETING EXECUTIVE

S. No	Name	Department	Year/Sec	Designation
34.	DEVANANTH V	AI-DS	II/A	MARKETING EXECUTIVE
35.	JANANI H	CSE	II/A	MARKETING EXECUTIVE
36.	MONISHA R	CSE	II/B	MARKETING EXECUTIVE
37.	SARANYA	CSE	II/C	RESEARCH EXECUTIVE
38.	ADITHI	CSE	II/A	RESEARCH EXECUTIVE
39.	HARSHINEE	CSE	II/A	RESEARCH EXECUTIVE
40.	KEVIN CHRISTOPHER	CSE	II/B	RESEARCH EXECUTIVE
41.	TANISH M	CSE	II/C	RESEARCH EXECUTIVE
42.	NITHYANANDAM S	CSE	II/B	WEB DEVELOPER
43.	SANJAY V	AI-DS	II/B	WEB DEVELOPER

Faculty Coordinators,
Knowledge Intelligence(KNOW-I),
Department of Computer Science and Engineering,
Sri Venkateswara College of Engineering,
Sriperumbudur.

21st August 2024.

The HOD,
Department of Computer Science and Engineering,
Sri Venkateswara College of Engineering,
Sriperumbudur.

Respected mam,

Subject: Requesting permission to organize the "Inauguration Ceremony" on the 29th of August 2024.

The Students Forum of the CSE Department has been able to engage the students actively all through the academic year 2024-2025. The eager participation and encouragement from the CSE department for student-run activities have made these events possible. To mark the start of a successful academic year, the club wishes to conduct an inaugural ceremony for the members of our club. We propose hosting the event from 9:30 AM to 12:05 PM on the 29th of August 2024 at the Library Seminar Hall.

As part of celebrating the start of a new academic year, we look forward to welcoming the new student core and faculty coordinators. To highlight the club's uniqueness, an innovative and interactive session in the form of a workshop will be incorporated into the inauguration. Under the guidance of Prof. R. K. Kapilavani (Faculty Coordinator) and Prof. V. Radha (Faculty Coordinator), we aim to mark the beginning of the club's accomplishments by making it a session that is both meaningful and packed with joyous learning.

We have enclosed the participant count, budget estimation, and timeline of the event within this letter. We look forward to your kind support in making this event successful and helping us create a memorable experience for the members.

Head of the Department

Thank you.

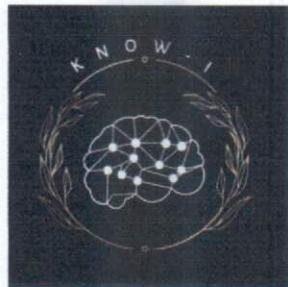
R.KapilVn 20/8/24
Faculty Coordinators

To: Budget
Incharge
Approved to
Claim the charge.
M/13/9/24



KNOW – I

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



Reflection Report on “INAUGURATION CEREMONY 2024-25” & GUEST LECTURE on “APPLICATIONS ON INDUSTRY 5.0”

Venue : Central Library

Date : 29th August 2024

Time : 12:30 P.M to 3:00 P.M

Coordinators

1. Mrs. R. K. Kapilavani, AP/CSE
2. Mrs. V. Radha, AP/CSE

Convener

Dr. R. Anitha, Professor & Head/CSE

OBJECTIVES

The inauguration ceremony of Know-I, the technical club dedicated to exploring the world of machine learning, aimed to provide students with valuable insights into the rapidly evolving field of AI. This event was designed to kick off the academic year 2024-25 by inspiring and motivating students to embark on their own journey into the world of machine learning, AI, and beyond. It featured distinguished speakers, including Mr. Srinivasan Thanukrishnan, who shared his deep expertise and experiences with the students, providing a roadmap for navigating the complexities of this cutting-edge domain.

CIRCULAR

Greetings from Know-I,

This is a reminder that we are just a day away from the grand inauguration of Know-I, our technical club dedicated to the fascinating world of machine learning. Join us on August 29, 2024, as we kick off this incredible journey with a special event you won't want to miss. We are honored to have Mr. Srinivasan Thanukrishnan, a renowned specialist in machine learning, as our distinguished chief guest. He will inspire us with his deep insights and thought-provoking perspectives, guiding us on how to navigate the vast landscape of machine learning.

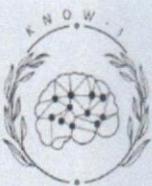
As part of this event, we're also thrilled to announce a special guest lecture by our esteemed chief guest. Prepare to be enlightened, motivated, and ready to embark on your own machine learning adventure. We look forward to seeing you there and sharing this momentous occasion together.

Date : 29.08.2024

Venue : Library Seminar

Timings : 12.30pm to 3.00pm

INVITATION



SVCE

Sri Venkateswara
College of
Engineering

DEPARTMENT OF COMPUTER SCIENCE AND
ENGINEERING

KNOW-I

invites you to

CLUB INAUGRATION & GUEST LECTURE

on
Generative AI

Library Seminar Hall

29th Aug 2024

12:30 PM

NAME: Srinivasan Thanukrishnan
DESIGNATION: CTO and Director at
Glosys Technology Solutions Pvt. Ltd.



AGENDA

S.No	Time	Agenda
1	12.45 PM to 12.50 PM	Welcome Address by club coordinator Mrs. R. K. Kapila Vani
2	12.50 PM to 01.00 PM	Address by HoD
3	01.00 PM to 01.10 PM	Chief Guest Introduction
4	01.15 PM to 02.45 PM	Guest Lecture by Mr. Srinivasan Thanukrishnan
5	02.50 PM to 03.00 PM	President's Speech and Badge Distribution
6	03.00 PM to 03.05 PM	Vote of thanks.

SPEAKER PROFILE



Mr.Srinivasan Thanukrishnan

CTO and Director, Glosys Technology Solutions

With 25 years of experience in the IT industry, Mr.Srinivasan Thanukrishnan has specialized in Artificial Intelligence, Data Analytics, and Secure Smart SaaS Applications for businesses. His academic and research background includes serving as a Senior Researcher at the prestigious Indian Institute of Technology, Kharagpur. He has published 60 research papers in renowned international conferences and journals and has contributed as a program committee member, reviewer, and session chair at various conferences. His outstanding contributions to research earned him a place in Marquis Who's Who in the World. A member of professional bodies such as ISTE and the Internet Society (USA), he also represents the industry in AICTE and Confederation of Indian Industries Surveys. Mr. Srinivasan holds a master's degree in Computer Science and Engineering from Anna University and a master's degree in Business Administration from the University of Madras.

REFLECTION REPORT



Audience for the Inauguration Ceremony 2024-25

On August 29th, the Know-I club held its Inaugural Ceremony to mark the beginning of the academic year 2024-25. The event commenced at 12:40 PM, with a soulful prayer song that set a peaceful and respectful tone for the day's events. The Welcome Address was delivered by Ms. Dhikshitha, Operations Executive, who warmly greeted all the chief guest, faculty members, and students. With warm welcomes conveyed, the **club coordinator, Ms. R. K. Kapilavani, AP/CSE**, delivered an inspiring speech highlighting the club's achievements over the past year and outlining the vision and goals for the upcoming year. Her speech was both motivational and informative, setting a positive tone for the rest of the ceremony. Following her addressal, an overview of the planned events and activities for the year 2024-25 was presented by Ms. Raagapriya J K, President and Ms. Gayathri Mohanraju, Vice President. This session provided a roadmap of the exciting and enriching events lined up, ensuring everyone was informed and enthusiastic about the upcoming year. This was followed by **Dr. R. Anitha, Professor and Head/CSE**, addressing the gathering. Her speech focused on the importance of the club's activities in the academic and personal growth of the students. The HOD also congratulated the team for their hard work and dedication.

Ms. Raagapriya J K, President, and Ms. Gayathri Mohanraju, Vice President, presented an overview of the planned events and activities for the academic year 2024-25. They outlined a comprehensive schedule designed to promote student engagement, skill development, and community interaction within the institution. Key initiatives included technical workshops, industry interactions, hackathons, and guest lectures to help students enhance their knowledge and professional expertise. In addition to academic events, they also highlighted plans for extracurricular activities such as cultural festivals and sports competitions, aimed at fostering teamwork and building strong peer connections. The presentation demonstrated a commitment to offering a balanced program that would cater to a wide range of student interests and encourage active participation. The duo expressed their excitement for the year ahead, promising an enriching and dynamic experience for all.

Dr. R. Anitha, Head of the Department of Computer Science and Engineering (CSE), took the stage to address the gathering. In her speech, she highlighted the significant role that the club's activities play in shaping the academic and personal development of students. She emphasized how such initiatives not only enhance technical skills but also foster teamwork, leadership, and creativity, which are essential for holistic growth. Dr. Anitha praised the club's ability to provide a platform for students to explore their interests beyond the classroom, helping them develop a well-rounded skill set. She also extended her heartfelt congratulations to the entire team for their dedication and hard work, acknowledging the efforts that went into organizing the event and ensuring its success. Dr. Anitha concluded her address by encouraging students to actively participate in the club's future endeavors, assuring them that these experiences would contribute significantly to their overall development.

Dr. N. RajGanesh, Professor/CSE and Program Head of Artificial Intelligence and Data Science (AI & DS), addressed the gathering with a thoughtful and engaging speech. He highlighted the department's commitment to supporting students in their educational journey and emphasized the importance of personal and professional development. Dr. N. RajGanesh encouraged students to actively engage in the various initiatives and activities offered by the department, such as workshops and projects. His address reflected a strong belief in the potential of the students and a dedication to providing them with valuable opportunities for growth. He concluded by urging everyone to make the most of these opportunities and to strive for excellence in their academic and personal endeavors.

Subsequently, Mr. G. Thirukumaran, Marketing Executive, introduced the Chief Guest, Mr. Srinivasan Thanukrishnan, highlighting his achievements and contributions throughout his career. The Chief Guest, Mr. Udayakumar, delivered an engaging and enlightening speech about the “Applications of Industry 5.0”. He shared his experiences and knowledge, offered valuable advice, and motivated the students to strive for excellence. The speech was well-articulated and left a lasting impression on the audience. The Badge Ceremony was a highlight of the event. Badges were presented to the newly appointed members, symbolizing their roles and responsibilities. Each recipient was called on stage to receive their badge from the Chief Guest.



The Head of Department, Dr. R Anitha, presenting the memento to the Chief Guest, Mr. Srinivasan Thanukrishnan.

The Chief Guest was felicitated with a token of appreciation for their valuable time and contribution to the event. A memento was presented by the club, as a gesture of gratitude. The Vote of Thanks was delivered by Mr. Aravindhan S S, Treasurer, who expressed heartfelt gratitude to all those who contributed to the success of the event. Special thanks were given to the Chief Guest, faculty members, club members, and attendees for their presence and support. The event came to a close at 3.00 p.m.



KNOW-I TEAM 2024-2025

The Know-I Club is eagerly anticipating a vibrant and dynamic year ahead, filled with a diverse range of activities designed to foster learning, growth, and innovation. With a commitment to delivering a calendar of engaging and productive events, the club aims to provide members with enriching experiences that go beyond traditional academic settings. This upcoming year promises to be marked by a series of workshops, seminars, and collaborative projects that will not only enhance individual skills but also encourage collective success. The club's vision is to create an environment where every activity contributes to personal and professional development, inspiring members to achieve their best. By focusing on innovation and interactive learning, the Know-I Club is set to offer a year brimming with opportunities for meaningful growth and accomplishment.

OUTCOME

The Know-I Club Inauguration Ceremony successfully set the stage for an exciting academic year ahead. Students were inspired by industry insights from Mr. Srinivasan Thanukrishnan, motivating them to actively engage in machine learning and AI initiatives. The event fostered enthusiasm, preparing participants for upcoming workshops, lectures, and projects.

R. Kellepallavi
3/9/24
CLUB COORDINATOR

3/9/24
HoD/CSE

Knowledge Intelligence(KNOW-I),
Department of Computer Science and Engineering,
Sri Venkateswara College of Engineering,
Sriperumbudur.

25th September 2024.

The HOD,
Department of Computer Science and Engineering,
Sri Venkateswara College of Engineering,
Sriperumbudur.

Respected mam,

Subject: Requesting permission to organize an "AI Workshop" on the 30th of September 2024.

The Students Forum of the CSE Department has been able to engage the students actively all through the academic year 2024-2025. The eager participation and encouragement from the CSE department for student-run activities have made these events possible. Following the successful inauguration of the club for the academic year on 20th of August 2024, it now wishes to organize a one-day workshop on "XAI/RAI, NLPs and Transformers" for the students of the CSE department. We propose hosting the workshop from 9:30 AM to 3:00 PM on the 30th of September 2024 at the Computer Science Department Lab 8.

As part of our on-going mission to impart knowledge and foster learning in AI and ML , this interactive workshop headed by Mr. Raj Arun, a Machine Learning Engineer at Fracto, will continue to take the club's legacy forward by offering members and participants the opportunity to deepen their understanding of these fields . Under the guidance of Prof. R. K. Kapilavani (Faculty Coordinator) and Prof. V. Radha (Faculty Coordinator), we hope to start off with the club's accomplishments by making it a session that is both meaningful and packed with joyous learning.

We have enclosed the participant count and timeline of the event within this letter.

Forwarded to HOD
Dear Madam,
Kindly permit us
to conduct the event.

R.K.Kapilavani

25/9/24

[Faculty - coordinator]

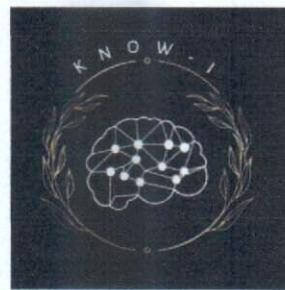


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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



Reflection Report

on

"HANDS ON WORKSHOP ON XAI/RAI AND NLP"

Venue : CS LAB 8

Date : 30th September 2024

Time : 9.00 A.M to 3:00 P.M

Coordinators

1. Mrs. R. K. Kapilavani, AP/CSE
2. Mrs. V. Radha, AP/CSE

Convener

Dr. R. Anitha, Professor & HoD/CSE

OBJECTIVES

To provide students with practical, hands-on experience in Explainable AI (XAI), Responsible AI (RAI), and Natural Language Processing (NLP), enabling them to understand key concepts, explore real-world applications, and appreciate the significance of ethics and transparency in modern AI systems.

CIRCULAR

Greetings from Know-I

We are just days away from the Hands-on Workshop on XAI/RAI and NLP, organized by Know-I, dedicated to advancing knowledge in AI and machine learning.

Join us for this exclusive event, where we will dive deep into Explainable AI (XAI), Responsible AI (RAI), and the rapidly evolving world of Natural Language Processing (NLP). We are honored to have Mr. Raj Arun, a distinguished expert in AI and NLP, as our special guest and workshop instructor, leading us through thought-provoking discussions and hands-on sessions.

Date : 30.09.2024

Venue : CSLAB8

Timings : 9.00 am to 3.00 pm

INVITATION



DEPARTMENT OF COMPUTER SCIENCE AND
ENGINEERING

SVCEI Sri Venkateswara
College of
Engineering

KNOW-I
presents

HANDS ON WORKSHOP ON XAI/RAI AND NLP

BY: Mr. RAJ ARUN

XAI/RAI Nlp Chatbots

How far can XAI/RAI improve chatbot reliability?

Can LSTM/RNN overcome contextual limitations?

Will hybrid models revolutionize NLP?



Certificates will be provided



30/09/2024, Monday



9:00 AM to 3:00 PM

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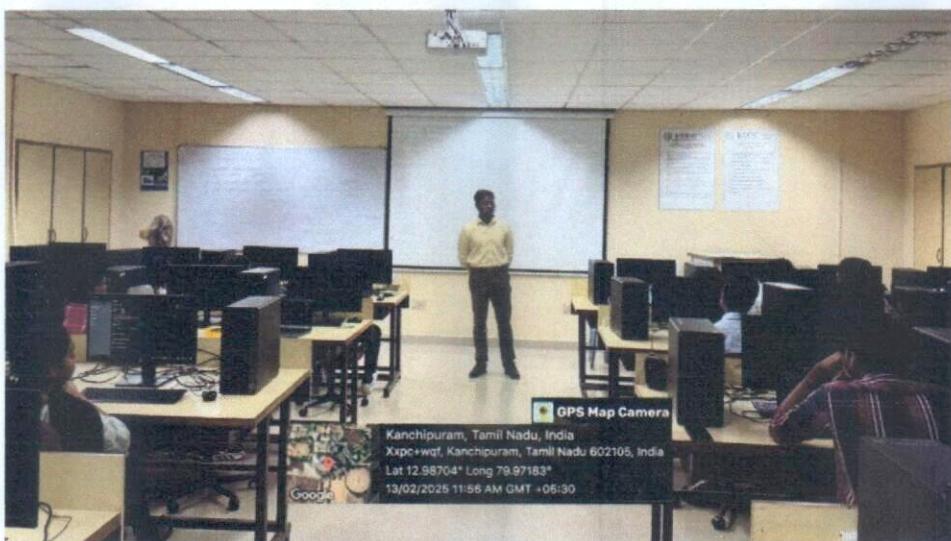
REGISTER NOW!!



AGENDA

TIME	EVENT
9:20 AM	Assembling of Participants
9:30 AM	Commencement of Event
9:35 AM	Welcome Address by Ms. Dhikshitha, Operations Executive
9:40 AM	Club Coordinator Address by Ms. R.K. Kapilavani/AP/CSE
9:50 AM	HOD Address by Dr. R. Anitha
9:55 AM	Introduction of Chief Guest by Mr. G. Thirukumaran
10:00 AM	Commencement of Workshop by Mr. Rajarjun
12:00 PM	Lunch Break
12:45 PM	Workshop Resumes
2:55 PM	Vote of Thanks by Mr. Aravindhan S.S., Treasurer
3:00 PM	Event Closure

SPEAKER PROFILE WITH PHOTOGRAPH



Mr. Raj Arun, a trailblazer in the AI industry, currently serves as the Lead Architect at Fractal. With his deep expertise in Generative AI, he has played a pivotal role in pioneering transformative AI solutions that empower organizations to harness the power of advanced analytics and data-driven decision-making. Mr. Arun's leadership is marked by a strong focus on integrating Responsible AI principles, ensuring that technological advancements are paired with ethical considerations, and driving impactful innovation across industries. Notably, Mr. Arun's contributions to AI include three patents in the fields of cognitive analytics and autonomous intelligence, which highlight his relentless pursuit of cutting-edge research and development. His commitment to pushing the boundaries of AI is reflected in his ability to navigate complex technological landscapes while keeping societal implications in mind. In addition to his stellar achievements in AI, Mr. Arun possesses specializations in Blockchain technology from prestigious institutions such as IIT Madras and IIT Guwahati, demonstrating his profound grasp of emerging technologies. As a certified Qiskit Developer from IBM, he is actively exploring the fascinating frontiers of quantum computing, contributing to the future of computational intelligence. An author and thought leader in the realm of Generative AI, Mr. Arun remains dedicated to disseminating his knowledge, fostering a culture of lifelong learning, and ensuring that the transformative potential of AI and ML benefits both organizations and the wider society.

REFLECTION REPORT

INTRODUCTION

The workshop commenced promptly at 9:30 AM with the assembling of participants, followed by a warm and gracious welcome by Ms. Dhikshitha, Operations Executive, who set the tone for the day. The Club Coordinator, Ms. R.K. Kapilavani, delivered an insightful address, highlighting the mission and ongoing activities of the Know-I club, emphasizing the club's unwavering commitment to fostering intellectual growth in the field of Artificial Intelligence (AI) and Machine Learning (ML).

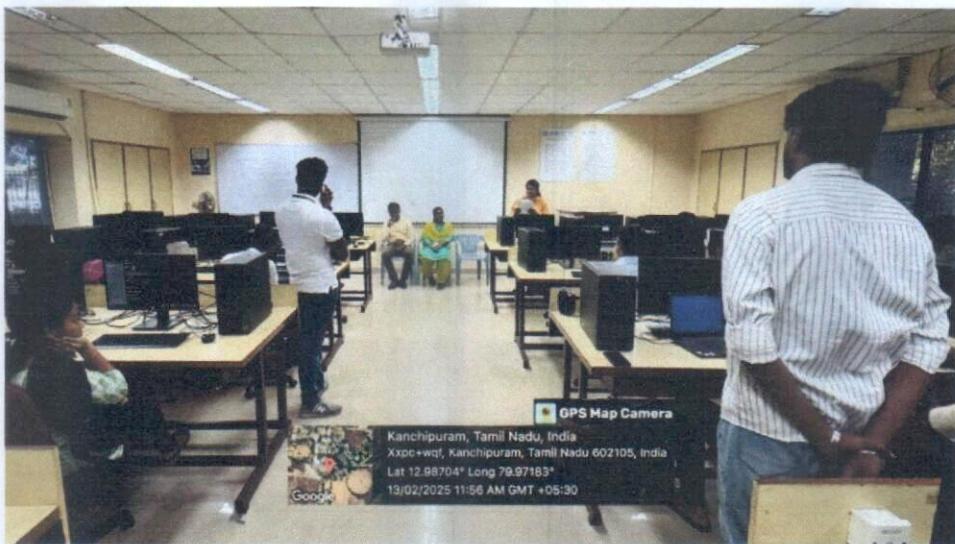
Following the coordinator's address, the Head of the Department (HOD), Dr. R. Anitha, enlightened the audience with an inspiring speech on the critical importance of such workshops for both the academic and holistic development of the students. She underscored how the practical exposure to emerging technologies like AI and ML can equip students with the skills needed to excel in their careers.

At 9:55 AM, Mr. G. Thirukumaran took the stage to formally introduce the Chief Guest, Mr. Rajarjun, a prominent figure in the AI domain with extensive expertise in current trends and innovations. His introduction lauded the Chief Guest's profound knowledge and contributions to AI, and it set high expectations for the upcoming session.



Core Tenets of Artificial Intelligence and Mathematical Frameworks

The workshop commenced at 10:00 AM, as Mr. Rajarjun captivated participants with an engaging introduction to cutting-edge trends in AI and ML, shedding light on current advancements and anticipated innovations. His skill in connecting these insights to tangible, real-world applications instantly resonated with the audience. Adopting an interactive approach, Mr. Rajarjun invited participants to share their expectations, aligning with their interest in mastering AI and ML fundamentals—a perfect match for the day's agenda. This immersive and participatory style laid a solid foundation for a dynamic learning experience. The workshop then transitioned into a hands-on tutorial on setting up GitHub, emphasizing the critical role of version control in collaborative AI projects. Following this, Mr. Rajarjun seamlessly guided participants through the mathematical essentials underpinning AI, delivering lucid demonstrations of key topics such as vectors, scalars, dot and cross products, matrix operations, element-wise multiplication, data visualization, arrays, and calculus principles like integration and differentiation. Each concept was presented with clarity and depth, enabling even novice participants to confidently engage. Attendees followed along by writing code and transforming abstract theory into actionable insights.



After a break, participants reconvened at 12:45 PM for the workshop's second part, which took an applied, hands-on approach. Mr. Rajarjun masterfully led participants in constructing a simple feedforward neural network, weaving together their newly acquired understanding of vectors, matrices, and differentiation, essential for the

training and backpropagation processes in neural networks..Mr. Rajarjun's adeptness at deconstructing intricate processes into digestible steps made the workshop both intellectually stimulating and accessible, leaving participants highly inspired and informed.

OUTCOME

40 students participated in the session and learned a lot about AI, especially Explainable AI, Responsible AI, and Natural Language Processing. As they gained a deeper grasp of how ethical and interpretable AI systems are created and used in real-world situations, the workshop assisted them in developing practical skills

CONCLUSION

In conclusion, the workshop proved to be an exceptional blend of theoretical foundations and practical applications, providing participants with a solid grasp of AI and ML concepts as well as hands-on experience in building neural networks. Mr. Rajarjun's expertise and interactive teaching style allowed participants to actively engage and experiment, fostering both confidence and creativity in approaching complex AI-driven tasks. At the end of the workshop, certificates of participation were awarded to all attendees, acknowledging their dedication and enthusiasm in advancing their AI and ML skills.

VOTE OF THANKS

The workshop culminated with a thoughtful Vote of Thanks delivered by Mr. Aravindhan S.S., Treasurer, who expressed sincere gratitude to Mr. Rajarjun for his enlightening session and to the faculty, staff, and students for their active participation and support. His closing remarks highlighted the tremendous success of the workshop in imparting foundational AI knowledge and sparking curiosity among participants.

R. M. N.
7/10/24
CLUB COORDINATOR

HoD/CSE

Knowledge Intelligence(KNOW-I),
Department of Computer Science and Engineering,
Sri Venkateswara College of Engineering,
Sriperumbudur.

21st October 2024.

The HOD,
Department of Computer Science and Engineering,
Sri Venkateswara College of Engineering,
Sriperumbudur.

Respected mam,

Subject: Requesting permission to organize a "Paper Presentation on SDG Goals" on 9th November2024(Tentative).

The Students Forum of the CSE Department has been able to engage the students actively all through the academic year 2024-2025. The eager participation and encouragement from the CSE department for student-run activities have made these events possible. Following the successful "Workshop on ML" conducted by the club for the academic year on the 30th of September 2024, we now seek to organize a Paper Presentation on SDG Goals on 9th November 2024 (tentative date), focusing on the 17 Sustainable Development Goals (SDGs) and cutting-edge technologies like AI, ML, Blockchain, AR/VR, and others. We propose hosting the event from 9:30 AM to 3:00 PM on 9th November2024 at the Library Seminar Hall(Tentative).

We believe this event will serve as an excellent platform for students to engage with global challenges through cutting-edge technology, providing a stepping stone toward full-fledged research work. Under the guidance of Prof. R. K. Kapilavani (Faculty Coordinator) and Prof. V. Radha (Faculty Coordinator), hope to make more strides with the club's accomplishments by making it a session that is both meaningful and packed with joyous learning.

We have enclosed the participant count and timeline of the event within this letter.

forwarded to HOD
Dear Madam,
Kindly permit us to conduct the event.
R. Kapilavani
21/10/24



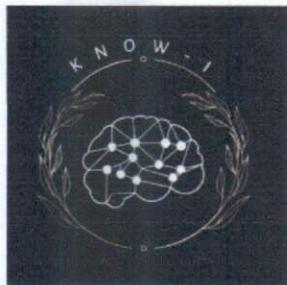
Sri Venkateswara
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Engineering



KNOW – I

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
SRI VENKATESWARA COLLEGE OF ENGINEERING

Pennalur, Sripurumbudur Taluk - 602117



Reflection Report on

“PAPER PRESENTATION ON AI-DRIVEN SDG SOLUTIONS”

Venue : Online Mode

Date : 9th November 2024

Time : 10:00 A.M to 12:15 P.M

Coordinators

1. Mrs. R. K. Kapilavani, AP/CSE

2. Mrs. V. Radha, AP/CSE

Convener

Dr. R. Anitha, Professor & HoD/CSE

OBJECTIVES

The Know-I Research Paper Presentation event aimed to provide students an opportunity to present innovative research ideas in the field of Machine Learning, aligned with the 17 Sustainable Development Goals (SDGs). By facilitating this event, Know-I sought to inspire critical thinking, collaborative teamwork, and effective communication among participants, ultimately fostering an academic environment that nurtures research and innovation.

CIRCULAR

Greetings from Know-I

We are excited to announce Know-I's Research Paper Presentation! Join us for an online gathering of minds passionate about advancing knowledge in the field of Machine Learning. Students from the second to final year are invited to present research ideas aligned with the 17 Sustainable Development Goals—an opportunity to showcase innovation and contribute to global impact. *To participate, register at the link mentioned below*. *Please note that participants are required to submit their abstracts by November 3*.

Don't miss this opportunity to broaden your knowledge, connect with fellow enthusiasts, and delve deeper into the fascinating world of machine learning!

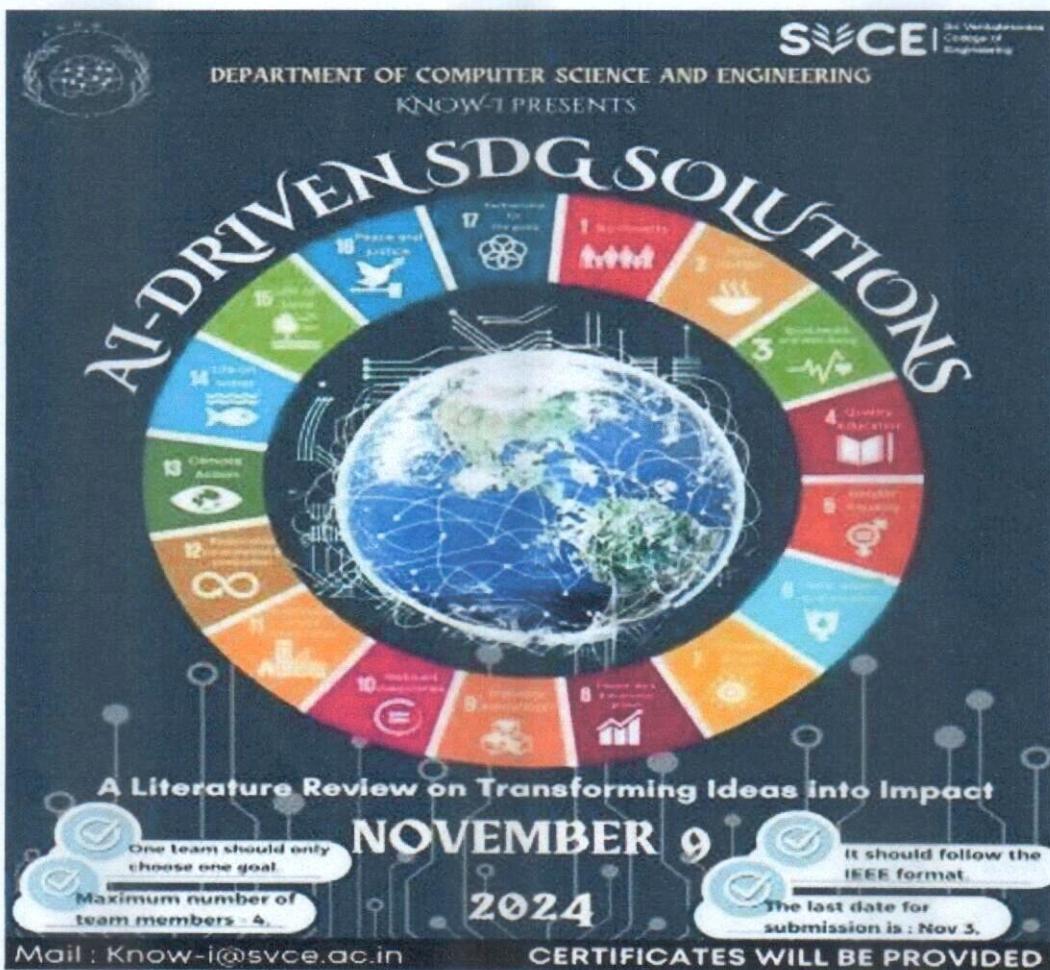
Certificates will be provided for the best papers and participant certificates for all attendees.

Last date of team registration: 31st Oct 2024, 9:00 PM IST

Event date: 9th Nov 2024

Event mode: Online

INVITATION



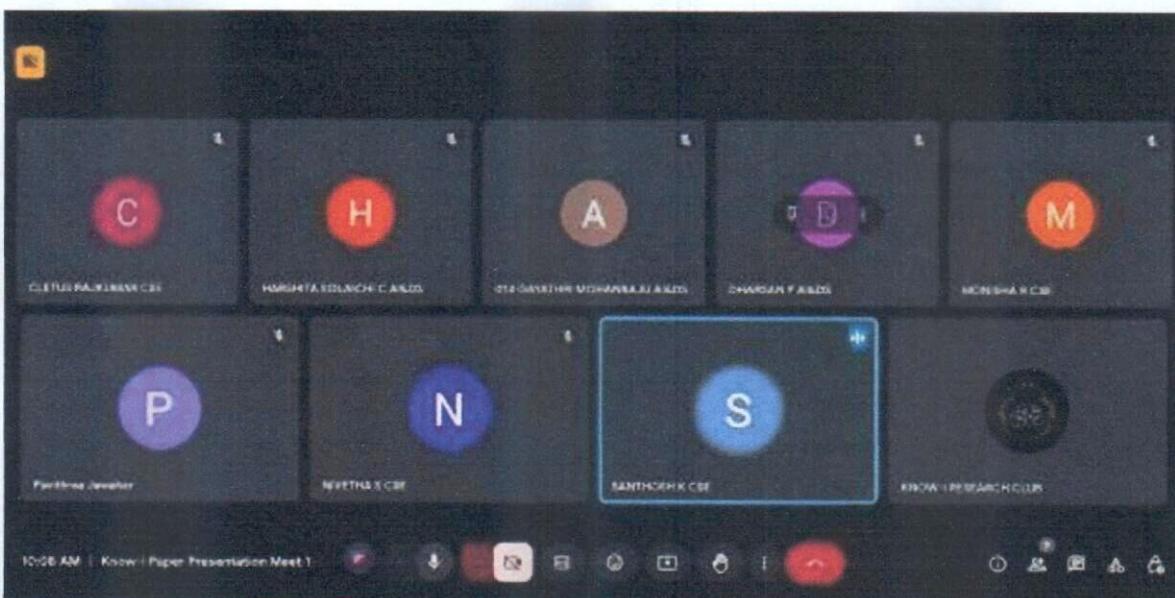
AGENDA

TIME	EVENT
10:00 AM	Introduction and Welcome Address by Mr. Cletus Rajkumar, Senior Research Executive
10:10 AM	Club Coordinator Address by Mrs. R.K. Kapilavani,AP/CSE
10:15 AM	Event Rules
10:20 AM	Commencement of Presentations
12:00 PM	Event Concludes
12:05 PM	Result Announcement
12:15 PM	Vote of Thanks by Mr. Cletus Rajkumar, Senior Research Executive
12:20 PM	Event Closure

REFLECTION REPORT

INTRODUCTION

The Paper Presentation event commenced at 10:00 AM with an introductory speech including a warm welcome by Cletus Rajkumar, Senior Research Executive. The Welcome address was followed by an insightful address at 10:10 A.M. by the Club Coordinator, Ms. R.K. Kapilavani, who inaugurated the event. She spoke on the club's mission to foster intellectual growth and innovative thinking among students. She also commended the participants for their dedication to developing research that addresses pressing global issues.



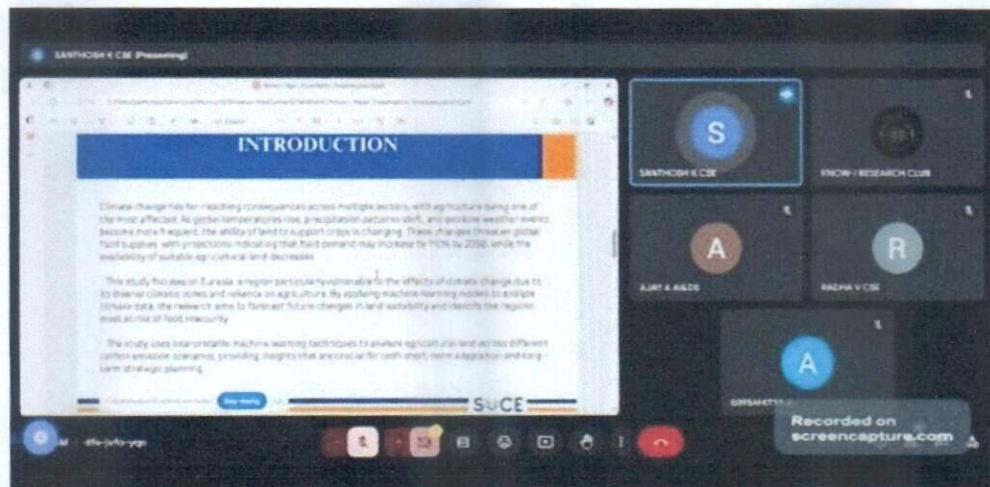
Before beginning, Cletus clarified the structure and rules at 10:15 AM, providing details on the evaluation criteria, which included the strength of the approach, uniqueness of the solution, and presentation skills. He reminded everyone of the PowerPoint template provided and the importance of adhering to the flow of the event.

Additionally, Cletus informed participants that the teams had been split into two separate Meet links for their presentations. He ensured everyone was clear on their assigned link and mentioned that they would be called to join when it was their turn to present. He concluded by reminding participants that full paper submissions were due on Wednesday, with an award awaiting the best paper.

PRESENTATION

The Paper Presentation event commenced at 10:20 AM, with the top 10 finalist teams split across two separate Meet links. From an initial pool of 20 registered teams, the top 10 were shortlisted based on their preliminary submissions for the final presentation, with each team comprising 4 members.

In the first session, teams CitySense, Vicious Coders, Tech Trio, and THE-CRIME-CODERS showcased their work. Each team adhered to the presentation guidelines laid out earlier, demonstrating a strong grasp of their subject matter and delivering their research with confidence. Their key points were effectively conveyed to both the judges and the audience.



Simultaneously, the second session featured teams from Meet 2—Tenacious Squad, Envodep, Error Not Found, Tech Tales, and Randoms. These teams presented their research with equal enthusiasm and professionalism, navigating through their findings and proposals.

Their structured and impactful presentations were well-received by the judging panel.

The esteemed panel of judges—Ms. Sahana, Ms. Sahitya, Mrs. V. Radha, and Ms. R.K. Kapilavani—provided attentive and insightful feedback after each presentation. Each team was evaluated on depth of research, creativity, clarity of presentation, and overall impact. The feedback offered by the judges highlighted both the strengths and areas for improvement, providing valuable guidance to the participants.

By 12:00 PM, the presentations concluded, and the judges took a brief moment to deliberate. At 12:05 PM, the results were announced. The judges commended all the teams for their dedication and the quality of their presentations. Ultimately, *Error Not Found* emerged as the winning team, their exceptional performance and thorough research securing the top spot. This marked the conclusion of a successful and intellectually enriching event.

OUTCOME

The Know-I Research Paper Presentation event successfully fostered academic growth by engaging 40 participants who showcased innovative research aligned with Sustainable Development Goals. The event provided valuable feedback from expert judges and encouraged collaboration and critical thinking. Certificates were awarded to participants, with "Error Not Found" emerging as the winners.

CONCLUSION

In conclusion, the research paper presentation event concluded with a strong sense of achievement. Beyond the individual accolades, this event marked a significant contribution to the academic and research culture within the institution. Participants gained a better understanding of how Machine Learning and other technologies can be leveraged to tackle real-world issues, thereby broadening their perspectives and inspiring future research. The event also fostered essential skills such as critical thinking, collaborative teamwork, and effective communication, all of which are vital in the pursuit of research and innovation. Certificates of participation were awarded to all attendees as a token of appreciation for their hard work and enthusiasm. For the winners, special certificates acknowledged their exceptional contributions, providing them with an added boost of confidence as they continue their academic and research journeys.

VOTE OF THANKS

The event concluded with a heartfelt Vote of Thanks delivered by Mr. Cletus Rajkumar, Senior Research Executive. He expressed sincere gratitude to the students, faculty, and staff for their enthusiastic participation and invaluable support in making the Know-I's Research Paper Presentation a resounding success. Their closing remarks highlighted the significance of this gathering in promoting innovative ideas aligned with the Sustainable Development Goals, fostering collaboration, and deepening participant's understanding of machine learning's potential for global impact.

Rajkumar
CLUB COORDINATOR

MD 18/11/24
HoD/CSE

Knowledge Intelligence (KNOW-I),
Department of Computer Science and Engineering,
Sri Venkateswara College of Engineering,
Sriperumbudur.

6th February 2025

The HOD,
Department of Computer Science and Engineering,
Sri Venkateswara College of Engineering,
Sriperumbudur.

Respected Ma'am,

Subject: Requesting permission to organize 'Analytics Showdown 3.0' on the 6th, 7th and 8th of February 2025.

The Students Forum of the CSE Department has been able to engage the students actively all through the academic year 2024-2025. The eager participation and encouragement from the CSE department for student-run activities have made these events possible. We seek to organize 'Analytics Showdown 3.0', our annual datathon event that challenges students to analyze real-world datasets and derive actionable insights. We propose hosting the event from 7:00 PM to 8:00 PM on 6th and 7th of February 2025 in Google Meet and 9:00 AM to 5:30 PM on 8th February 2025 at Facilio Office, Guindy.

The first phase of the event, an interactive workshop headed by Ms. Janani(AP/CSE) and Ms. Padmavathy(AP/CSE) from the Computer Science and Engineering Department, will continue to take the club's legacy forward by offering members and participants the opportunity to deepen their understanding of these fields. The second phase of the event is an intensive competition that allows participants to demonstrate their data analytics expertise, work on complex datasets, network with like-minded AI and data enthusiasts, and compete for attractive prizes awarded to the most insightful and impactful solutions. Under the guidance of Prof. R. K. Kapilavani (Faculty Coordinator) and Prof. V. Radha (Faculty Coordinator), hope to make more strides with the club's accomplishments by making it an event that is meaningful and packed with joyous learning.

We have enclosed the participant count and timeline of the event within this letter.

Budget Estimation

S.No	ITEMS	COST
1.	Memento for Judge	400/-
3.	Prize Money: 1st Place- 2000/- 2nd Place- 1000/- 3rd Place- 500/-	3500/-
5.	Miscellaneous	100/-
	TOTAL	4000/-

We look forward to your kind support in making this event successful and helping us create a memorable experience for the members.

Thank you.

Warm Regards,
Team KNOW-I

To: Club Incharge
Approved
M.D 6/2/25

forwarded to HOD

Dear Madam,

Kindly permit us to conduct the event on the specified date.

R.K. Nagpal Var
6/2/24
(Faculty coordinator)



Sri Venkateswara
College of
Engineering

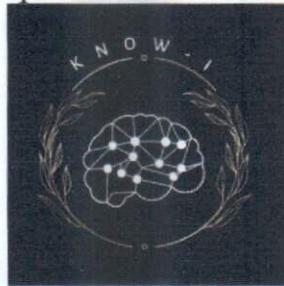


KNOW – I

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

SRI VENKATESWARA COLLEGE OF ENGINEERING

Pennalur, Sriperumbudur Taluk -602117



Reflection Report on “ANALYTICS SHOWDOWN 3.0”

Venue : Facilio Office, Guindy

Date : 08th February 2025

Time : 9:30 A.M to 7:30 P.M

Coordinators

1. Mrs. R. K. Kapilavani, AP/CSE

2. Mrs. V. Radha, AP/CSE

Convener

Dr. R. Anitha, Professor & HoD/CSE

OBJECTIVES

The Know-I Analytic Showdown aimed to provide participants with hands-on experience in data analysis and visualization using Power BI. The event encouraged creativity and innovation while enhancing skills in data storytelling. It targeted teams of 2-3 members, fostering collaboration and showcasing data's power in decision-making.

CIRCULAR

Greetings from Know-I!

We are thrilled to unveil the third iteration of Know-I's Analytic Showdown! Immerse yourself in the realm of creativity and data as we unite inquisitive minds to discover the influence of visual storytelling. This event is tailored for teams of two or three who have a passion for analyzing and visualizing datasets.

Participants will receive datasets to clean, analyze, and create visual representations and need to present key insights derived from their analysis. Here's your opportunity to display your skills by presenting distinctive visualizations and broaden your understanding.

Even if you're a beginner in data visualization, a mentoring workshop, divided into two sessions, will be held to help prepare participants! So be sure to register to secure your place in this thrilling event! Allow your creativity to shine, inspire others, and make a difference by visualizing the data that influences our world!

Date: February 8, 2025

Venue : Facilio Office, Guindy

Registration Link : <https://forms.gle/aEc2Pw1i4KDUpYbf7>

INVITATION

The invitation card features a dark background with purple digital circuit patterns. In the top left corner is a circular logo with a brain and the word "KNOW". The top right corner displays the SVCE logo with the text "Sri Venkateswara College of Engineering". Below these, the text "DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING" is centered. In the center, the words "KNOW-I PRESENTS" are displayed above a large, stylized purple "C" logo. To the right of the "C" is the text "ANALYTICS SHOWDOWN 3.0" and "where Analytics meets Insights". Below the "C" logo, the text "From Numbers to Narrative – It's Your Analytics Showdown!" and "Join the Action & grab the Rewards!!!". At the bottom left is a calendar icon with the date "FEBRUARY 8, 2025". At the bottom right is a location pin icon with the text "FACILIO OFFICE, GUINDY". A white button at the bottom center contains the text "REGISTER NOW".

KNOW-I
PRESENTS

ANALYTICS SHOWDOWN 3.0
where Analytics meets Insights

From Numbers to Narrative – It's Your
Analytics Showdown!
Join the Action & grab the Rewards!!!

FEBRUARY 8, 2025

FACILIO OFFICE, GUINDY

REGISTER NOW

AGENDA

Day-1

7:00 PM	Welcome Address
7:05 PM	Introduction to Power BI
8:00 PM	Vote of thanks

Day-2

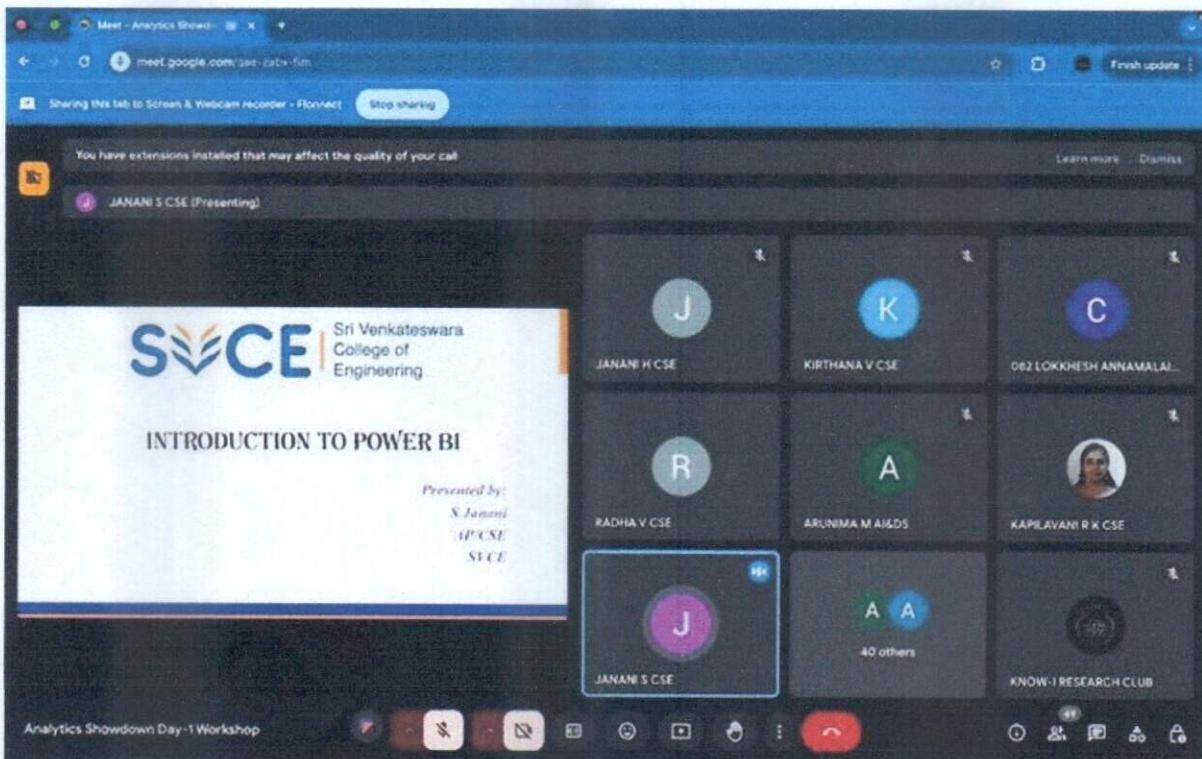
7:00 PM	Welcome Address
7:05 PM	Report using Power BI
8:00 PM	Vote of thanks

Day-3

TIME	EVENT
8:45 AM	Assembling of Participants
9:30 AM	Welcome Address
9:35 AM	Club Coordinator Address
9:40 AM	HOD Address
10:30 AM	Round - 1
1:00 PM	Judging
2:30 PM	Lunch
3:15 PM	Announcement of shortlisted teams
3:30 PM	Round - 2
5:30 PM	Judging
6:30 PM	Commencement of Valedictory Ceremony
6:45 PM	Announcing of Results
7:00 PM	Presenting Memento to Judges
7:05 PM	Vote of Thanks

REFLECTION REPORT

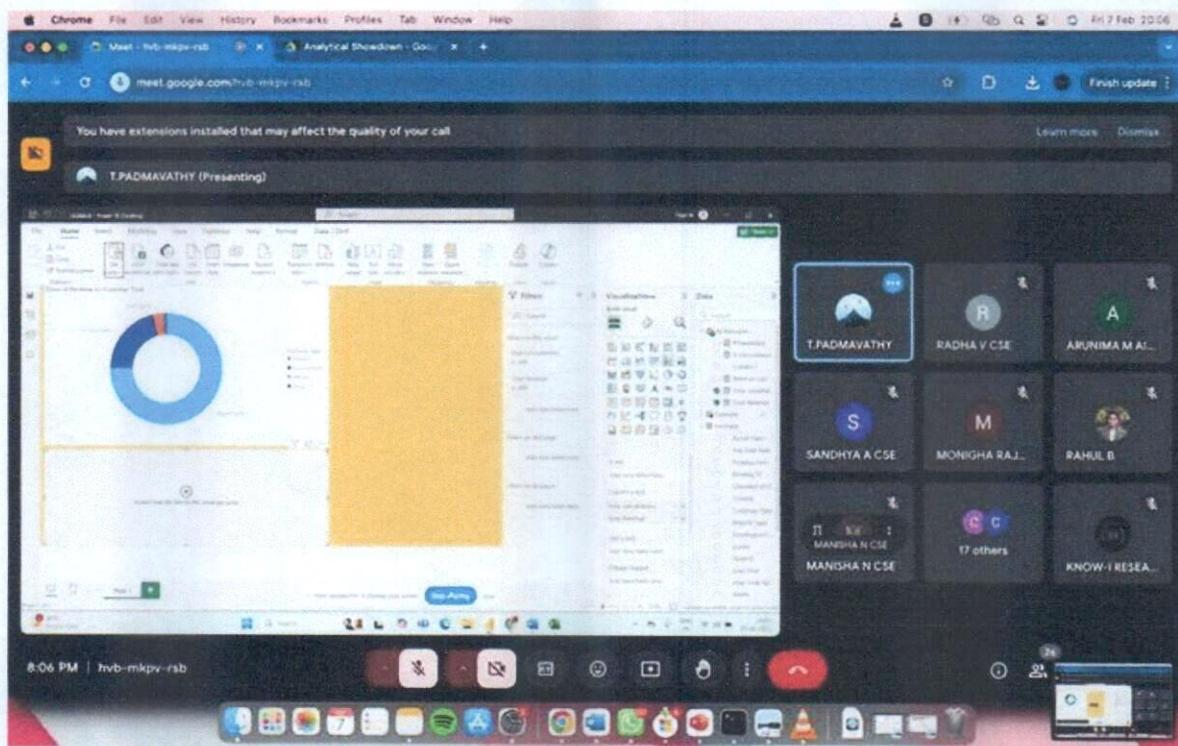
The 3-day Analytics Showdown event commenced with two days of insightful online workshops, followed by an engaging offline session on the third day, held at Facilio, Guindy. The initial two-day workshop, expertly conducted by Ms. S. Janani, AP/CSE and Ms. T. Padmavathy, AP/CSE began on **6th February 2025** with an **Introduction to Power BI**. This first session was centered around building a foundational understanding of Power BI, with a detailed PowerPoint presentation that provided insights into the software's workings, key components, and its various applications. Participants were introduced to the Power BI interface, its visualization tools, data modeling techniques, and basic navigation.



Day 1 of Analytics Showdown Workshop

On **7th February 2025**, the focus shifted to the practical application of Power BI in the second workshop. The session concentrated on working with Power BI, with a special emphasis on creating reports. A real-time demonstration using an actual data source allowed participants to see firsthand how to design interactive, insightful reports and dashboards. This hands-on session demonstrated how to connect to various data sources,

perform data transformation tasks, and use Power BI's analytical tools to create dynamic and visually compelling reports.



Day 2 of Analytics Showdown Workshop

On the third day, **8th February 2025**, the event unfolded with the esteemed presence of Dr. R. Anitha, Head of the Department of Computer Science and Engineering (CSE), alongside the club coordinators, Mrs. R.K. Kapilavani and Mrs. V. Radha, as well as the distinguished members of the KNOW-I Club. The event was organized by the members of the Research, Planning, and Marketing Division of KNOW-I and began with an introduction delivered by Adithi K, Research Executive, and Janani H, Marketing Executive.

Following the introduction, Sahana S, Research Lead, briefly outlined the rules and flow of the event, explaining the competition structure, key guidelines, and evaluation criteria. Her concise yet insightful overview ensured participants had a clear understanding of the event proceedings.

At **8:45 a.m.**, the participants assembled, eagerly anticipating the day's events. The **Welcome Address** was delivered at **9:30 a.m.**, followed by the **Club Coordinator's Address** at **9:35 a.m.** by Mrs. R.K. Kapilavani. She emphasized the significance of events like the Analytics Showdown in fostering learning and innovation. She encouraged all participants to engage

actively, push boundaries, and make the most of the experience. She also highlighted how analytics plays a crucial role in modern decision-making and how this competition serves as an excellent platform to hone their skills. She concluded her speech by wishing all the participants the very best for the competition and encouraging them to showcase their analytical prowess with confidence.



At **9:40 a.m.**, Dr. R. Anitha, the Head of the Department, addressed the participants. She delivered an inspiring speech, extending her best wishes to both the participants and the organizing committee. She highlighted the importance of analytics in today's data-driven world and urged the participants to apply the skills learned during the workshops effectively. She stressed that analytics is a vital skill across various industries and encouraged the participants to embrace the challenges of the event with enthusiasm. She motivated everyone present by instilling confidence and emphasizing the broader impact of their analytical capabilities in real-world scenarios.



GPS Map Camera

Chennai, Tamil Nadu, India

A-19, E 415, Guindy Industrial Estate, Sidco Industrial Estate,
Sidco Industrial Estate, Chennai, Tamil Nadu 600015, India
Lat 13.012228° Long 80.209607°
08/02/25 08:26 PM GMT +05:30

The first round of the event officially began at **10:30 a.m.**, with participants engaging in their assigned tasks. At **1:00 p.m.**, the judging phase commenced, where esteemed panelists evaluated the teams' efforts on various criteria. The judging panel included **Mr. Vasanth V, Mr. Aadithya Vignesh V, Mr. Pranav Vasudevan, and Mr. A Jeeva Kumar**. The judges assessed the participants based on **data accuracy, visualization effectiveness, analytical depth, and overall presentation skills**.

Lunch was provided at **2:30 p.m.**, giving participants a brief respite before the announcement of the shortlisted teams at **3:15 p.m.**. The second round of the competition commenced at **3:30 p.m.**, where teams refined and expanded upon their analytical solutions. The final judging phase took place at **5:30 p.m.**, with each team presenting their analytical processes and results to the panel.

As the evening progressed, the **Valedictory Ceremony** commenced at **6:30 p.m.**, where Ms. Harshinee Umashankar, Research Executive, recognized the participants for their hard work and expressed gratitude toward both participants and organizers. The results were officially announced at **6:45 p.m.**, declaring **Team Neuronauts** as the winners, **Team Pinnacle Nexus** in second place, and **Team Dynamic Trio** securing third place.



At **7:00p.m.**, mementos were presented to the judges as a token of appreciation for their valuable contributions. These were handed over by **Dr. R. Anitha, Head Of The Department and Mrs. R.K. Kapilavani, the Club Coordinator**. Following this, at **7:05 p.m.**, the **Vote of Thanks** was delivered, expressing heartfelt gratitude to all those who contributed to the success of the event. Finally, the event concluded with the official **Wrap- up** at **7:30 p.m.**, marking the end of a successful and engaging day.

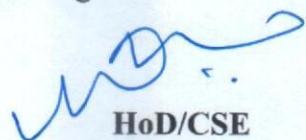


Judges	Passed out year	Positions
Vasanth V	2019 - 2023	Business Analyst at Facilio
Aadithya Vignesh V	2020 - 2024	Developer at NewGen
Pranav Vasudevan	2020 - 2024	Analyst at Culture Monkey
A Jeeva Kumar	2020 - 2024	Developer at TCS

OUTCOME

The event involved 30+ teams participating which rounds up to 60+ members, enhancing their skills in data analysis and visualization. It encouraged creativity and teamwork, with Team Neuronauts securing the First Place. The event effectively bridged learning and practical application of Power BI in data-driven decision-making.

R. K. Kapil Van 20/2/25
CLUB COORDINATOR



HoD/CSE



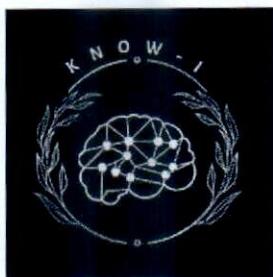
SVCE

Sri Venkateswara
College of
Engineering

SVCE IQAC
Consciousness for Quality

KNOW - I

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



Report

on

“HACKML 2.0”

Venue: Facilio, Guindy

Date : 03rd May 2025

Time : 9.30 AM to 9:30 PM

Coordinators

1. Mrs. R. K. Kapila Vani, AP/CSE
2. Mrs. V. Radha, AP/CSE

Convener

Dr. R. Anitha, Professor & HoD/CSE

Forwarded to Principal:

Dear Sir,

Faculty Coordinators,
Knowledge Intelligence (KNOW-I),
Department of Computer Science and Engineering,
Sri Venkateswara College of Engineering,
Sriperumbudur.

23rd April 2025

Approved
The Principal

26
25/4
Sri Venkateswara College of Engineering,
Sriperumbudur.

I am hereby forwarding the request letter for conducting an event (8 hour Inter colleg event) "HackML 2.0". The event will be conducted at Facilio, Guindy. The guy members for the evenr will be invited from the industry ensuring valuable insights. The expenses for the event will be covered through the registration fee from the participants. Kindly consider the request for approval.

Respected Sir,

Subject: Requesting permission to organize 'HACKML 2.0' on the 3rd of May, 2025.

The Students' Forum of the CSE Department has actively engaged students throughout the academic year 2024–2025 and aims to continue this momentum. Building on the grand success of HackML 1.0, we now propose to organize **HackML 2.0** in 2025, an **8-hour Inter-College Ideathon** designed to push the boundaries of AI and ML innovation through research-driven problem-solving.

The enthusiastic participation of students and consistent encouragement from the CSE Department for student-led initiatives have been pivotal in making such events successful. For this year's edition, we propose to host HackML 2.0 at **Facilio, Guindy**, with up to 20 teams from various institutions. A registration fee of Rs. 250 will be charged per team.

The event will be structured with multiple rounds of judging and continuous mentorship, facilitated by industry experts, distinguished alumni, and experienced faculty. Each round will encourage teams to ideate, refine their solutions, and collaborate, ensuring that both technical innovation and business potential are honed at every stage.

We are proud to announce that the judging panel will include:

- **Mr. Sidharth Sivasailam**, Head of Product Strategy and Management at TCS, and an esteemed alumnus(1997) of SVCE.
- **Mr. Mukundan M.A.**, Product Architect at Purpleslate.

A highlight of this year's HackML is that winning teams will be offered the opportunity to incubate their projects through the **TCS Incubation Cell**, along with mentorship from top industry professionals, giving students a rare opportunity to transform their ideas into impactful real-world solutions.

INDEX

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6	Report	8
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OBJECTIVES

- HackML 2.0 was designed to encourage critical thinking, creativity, and problem-solving through collaborative project development in a hackathon setting.
- The event aimed to offer participants hands-on experience in rapid prototyping and solution design based on real-world challenges.
- It emphasized technical skill, innovation, and teamwork, providing a platform for students to apply classroom knowledge in a time-bound, practical environment.

CIRCULAR

 KNOW-I RESEARCH CLUB <know-i@vce.ac.in>
to 2023bstudents, 2023cstudents, 2023tstudents, 2023ecstudents, 2023bctudents, 2023chstudents, 2023estudents, 2023mstudents
Greetings from Know-I! 

We are thrilled to announce HackML, the flagship event organized by Know-I. This is your chance to showcase your innovation and entrepreneurship skills.

In HackML, participants are tasked with creating Micro-SaaS solutions by tackling provided problem statements. The participants are expected to develop a Minimum Viable Product (MVP) — a basic, working version of your idea that demonstrates its core value. Judges from TCS will evaluate the projects based on the pitch, financial feasibility, and overall potential.

Event Details:

- Date:** 3rd May 2025
- Venue:** Facilio, Guindy
- Time:** 9:30 onwards

Registration via GForm: <https://forms.gle/zjoJKLbcBb4Qk3Mj6>

 What's at stake?

- Exciting cash prizes
- Incubation opportunities
- Mentorship and support from TCS to turn your idea into reality!

If you have an entrepreneurial spark and a passion for tech-driven solutions, this is your moment!

Don't miss out — gather your team or fly solo, and be a part of HackML!

For further queries, contact:
Arunima - 9840073069
Clarinda Susan - 9444104800

Let's innovate, pitch, and impress! 

Greetings from Know-I!

Get ready to code, collaborate, and compete in HackML 2.0 — our internal machine learning-themed hackathon! This dynamic event invites passionate tech enthusiasts and innovators to take on real-world challenges and build impactful solutions in a high-energy environment.

Whether you're into AI, data science, web dev, or app building, HackML 2.0 is the perfect platform to showcase your creativity and technical talent. With only a limited time on the clock, teams will brainstorm, design, develop, and pitch their prototypes to a panel of industry experts.

From ideation to implementation, HackML 2.0 will test your coding mettle, communication skills, and ability to think on your feet. Top teams will be shortlisted for an intense second round, followed by final judging and exciting prizes!

Date: 03.05.2025

Venue: Facilio Office, Guindy

Registration Link: <https://forms.gle/aEc2Pw1i4KDUpYbf7>

R.K Kapil Varma 2015/20
CLUB COORDINATOR


HoD/CSE

INVITATION



SVCE | Sri Venkateswara
College of
Engineering



ONLY FEW
REGISTRATIONS LEFT!!



8 hours INTERCOLLEGE **IDEATHON**

Win exciting cash prizes & Internship opportunities!

TEAM OF THREE!



03RD MAY, 2025



FACILIO OFFICE, GUINDY, CHENNAI.



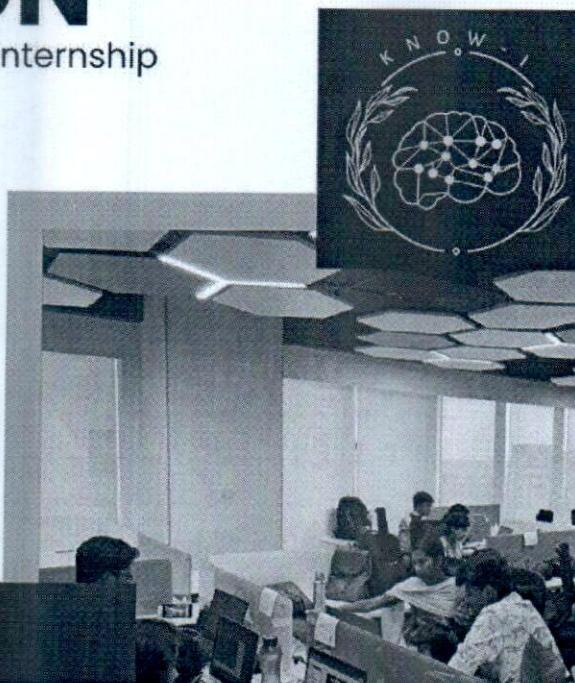
@Know_i_club



Know-I Research club



Know-I Research club



REGISTER NOW

AGENDA

TIME	EVENT
9:30 AM	Inauguration Ceremony
10:00 AM	Hackathon Begins
12:15 PM	Round 1 Judging
5:45 PM	Round 1 Judging Ends
6:00 PM	Judges & Chief Guest Introduction
6:30 PM	Round 2 Starts (Top 6 Teams)
8:45 PM	Prize Distribution
9:00 PM	Valedictory Ceremony

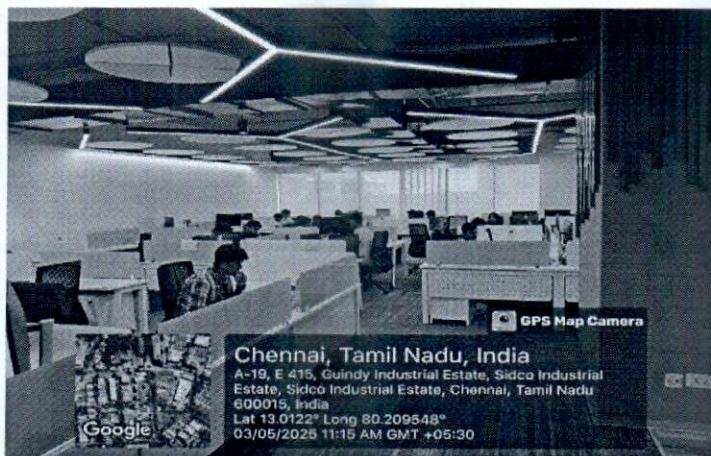
REPORT

The HackML 2.0 Hackathon kicked off with a contagious buzz of excitement. From the moment participants started arriving, the atmosphere was filled with energy, curiosity, and a shared sense of purpose. Organized by the Department of Computer Science and Engineering, this wasn't just another academic event—it was a celebration of ideas, creativity, and teamwork. With over 50 students grouped into 12 enthusiastic teams, the space quickly transformed into a hub of lively discussion, quick sketches on whiteboards, and fingers flying across keyboards. Everyone was ready to take on real-world problems and test their skills in the fast-paced world of innovation.



What really made HackML 2.0 special wasn't just the coding or the competition—it was the atmosphere of curiosity, creativity, and shared excitement that filled the room from the very beginning. Students arrived not just with laptops and problem statements, but with open minds, ready to explore new ideas and take on challenges as a team. Teams were huddled together—sketching out solutions, troubleshooting code, and exchanging ideas with an infectious enthusiasm. The event officially began with a warm and lively inauguration at 9:30 AM, cheerfully hosted by Ms. Adithi, whose energy set the tone for the day.

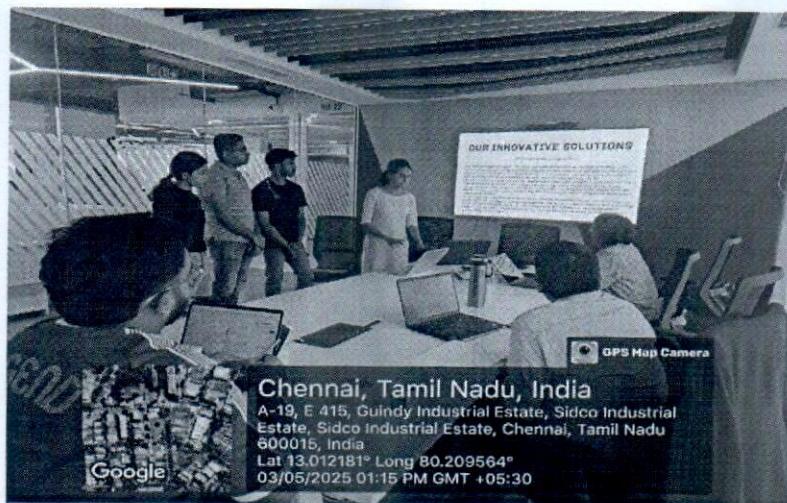
Mrs. V. Radha, the Club Coordinator, then delivered a heartfelt welcome that struck a chord with everyone. She encouraged students to take risks, embrace the process of learning through trial and error, and focus not just on building projects but on building confidence and resilience. Her words reminded everyone that HackML 2.0 was more than a technical event—it was a space for growth, experimentation, and meaningful connections.



The HackML Hackathon officially commenced at 10:00 AM, marking the beginning of an intensive and intellectually stimulating day. Twelve teams, comprising over 50 participants, engaged with a range of real-world problem statements across domains such as artificial intelligence, machine learning, cybersecurity, healthcare, education, and environmental sustainability. As the event progressed, the workspace quickly transformed into a dynamic environment characterized by focused collaboration and innovation. Teams could be seen actively discussing ideas, designing solutions, and writing code with determination. Despite the time-bound and fast-paced nature of the hackathon, the atmosphere remained energized and collegial, driven by a shared commitment to excellence. Participants benefitted significantly from the guidance of experienced mentors and volunteers, who provided technical support, offered strategic insights, and helped teams stay aligned with their objectives. This mentorship was pivotal in fostering critical thinking, adaptability, and effective teamwork—core competencies essential to innovation. The event cultivated a

collaborative spirit, where participants freely exchanged ideas and supported one another, reinforcing an inclusive and growth-oriented culture throughout the hackathon.

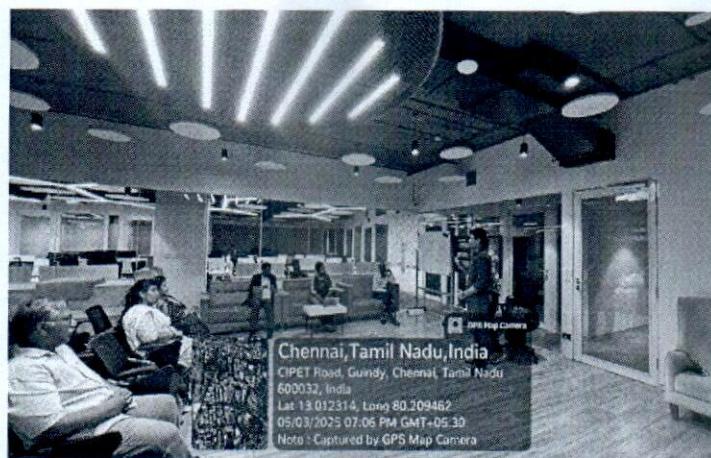
At 12:15 PM, the first round of judging began. Each team was provided the opportunity to present their progress, explain their approach, and demonstrate working prototypes to a panel of judges. The evaluation criteria included innovation, technical implementation, feasibility, and clarity of presentation. Judges offered constructive feedback, enabling teams to gain valuable insights and further enhance their solutions. This phase concluded at 5:45 PM. Subsequently, the judging panel and the chief guest were formally introduced at 6:00 PM. The panel included esteemed professionals—Mr. Sidharth Sivasailam, Head of Product Strategy and Management, Corporate Incubation at TCS; Mr. Mukundh M A, Product Architect at Purpleslate; and Mr. Vasanth V, Business Analyst at Facilio—who shared insights from their professional journeys and emphasized the importance of practical learning and industry-relevant innovation. Each judge delivered a brief address, encouraging students to move beyond academic theory and apply their skills to create impactful, real-world solutions.





Following the deliberation, six teams were shortlisted for the final round based on the overall quality and potential of their projects. Round 2 commenced at 6:30 PM, with the selected teams making final improvements and preparing for their concluding presentations. This phase tested not only the technical soundness of their solutions but also their ability to communicate their ideas effectively and justify the impact of their work. The level of preparation and focus demonstrated by all shortlisted teams reflected a high degree of professionalism and commitment.

At 8:45 PM, the much-awaited prize distribution brought the event to a celebratory high. Team HackTuah was announced as the winners, while Team Quad Core from SSN College of Engineering secured the runner-up position. Both teams were met with applause and genuine appreciation from their peers,

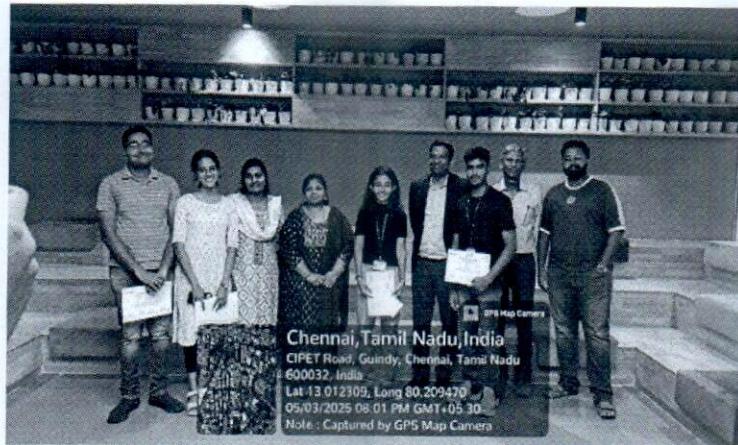


mentors, and faculty. The judges also shared their admiration for the quality of ideas and the effort each team had put in, noting how tough it was to decide the top entries. While the spotlight was on two teams, every participant walked away with valuable experiences—new technical skills, lessons in teamwork, and the joy of building something meaningful under pressure. More than a competition, HackML became a space for growth, collaboration, and inspiration for everyone involved.

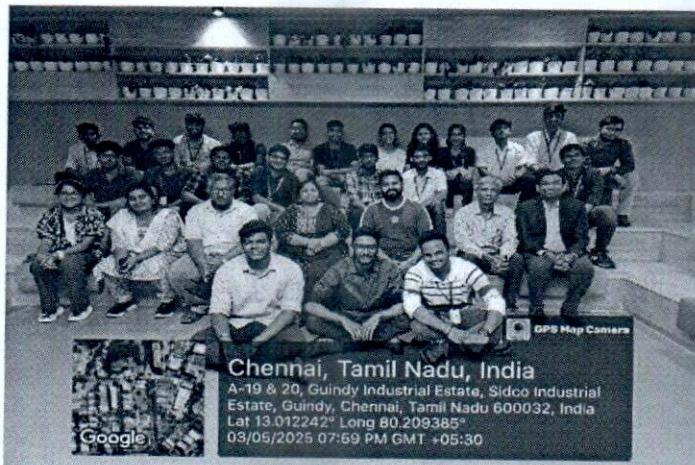


The day came to a heartfelt close with the valedictory ceremony at 9:00 PM, led by Dr. R. Anitha, Head of the Department of Computer Science and Engineering. In her address, she sincerely appreciated the enthusiasm, creativity, and persistence shown by all the participants. She spoke about how events like HackML go beyond the classroom, helping students connect their academic knowledge with practical, real-world challenges. Her words were both encouraging and inspiring, reminding everyone that learning through doing—

especially in a collaborative setting like this—helps build confidence, leadership, and a spirit of innovation. It was a proud moment for the entire department to see such energy, passion, and commitment from its students.



The event concluded with a warm Vote of Thanks delivered by Ms. Clarinda Susan. She extended her sincere appreciation to the participants for their dedication, to the faculty and mentors for their support, and to the panel of judges for their invaluable insights and encouragement. Her closing remarks emphasized the role of events like HackML 2.0 in fostering a culture of innovation and



problem-solving and in empowering students to explore the transformative potential of technology. The success of HackML 2.0 stood as a testament to the collective effort and enthusiasm of everyone involved. In conclusion, HackML 2.0 was a resounding success, not just as a competition, but as an academic experience that broadened students' technical and collaborative horizons. The

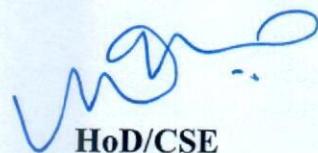
event highlighted the practical relevance of fields like Machine Learning, web development, and system design in addressing real-world problems. It nurtured essential skills such as rapid prototyping, teamwork, and

communication—critical for students pursuing careers in technology. More than just accolades, the hackathon instilled a sense of confidence, innovation, and community among participants, reinforcing the importance of experiential learning. Certificates were awarded to all participants, with special recognition for the winning teams as a token of their hard work and excellence.

OUTCOME

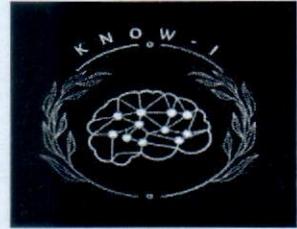
- HackML 2.0 brought together over 50 students across 12 teams, fostering a dynamic environment of innovation, collaboration, and hands-on problem-solving through real-world challenges.
- Participants demonstrated strong technical skills and creative thinking while gaining practical experience in teamwork, project development, and pitching solutions under time constraints.
- The event emphasized the relevance of fields like machine learning and web development, helping students develop key skills such as rapid prototyping, effective communication, and adaptability.
- With valuable mentorship, industry insights, and recognition for excellence, HackML 2.0 successfully reinforced the importance of experiential learning and a community-driven approach to technological innovation.

R. K. Umapal Na^m
13/5/25
CLUB COORDINATOR


HoD/CSE



Sri Venkateswara
College of
Engineering



SRI VENKATESWARA COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

KNOW -I RESEARCH CLUB

ACADEMIC YEAR PLAN 2025-26

On behalf of the Know-I Club, we kindly submit the *Academic Year Plan* for 2025–2026 and the following events are aimed at fostering technical growth, collaborative learning, and peer mentorship among students of the Department of Computer Science and Engineering.

Sno.	Event Name	Date
1	Inauguration	18/08/2025
2	Publish It Right	18/08/2025
3	Hands on Workshop- Agentic AI	01/09/2025
4	NeuroNexus- 24 Hour Hackathon	11/10/2025
5	Reconnect: Online Alumni Mentorship Series	01/11/2025
6	Seminar on Quantum ML	04/01/2026
7	Analytics Showdown- Datathon	21/02/2026
8	Prompt-O-Web	24/03/2026
9	SparkTank-8 Hour Ideathon	18/04/2026
10	Valedictory	28/05/2026

Each of these events is designed to provide value-added exposure and opportunities to the students, both within and beyond our institution, through competitive coding, hands-on workshops, expert sessions, and mentorship engagements.

R. K. Kapila Vani
30/6/25
Ms. R. K. Kapila Vani, AP/CSE

Ms. V. Radha, AP/CSE
Faculty Coordinators

30/6/25
Dr. R. Anitha
HoD/CSE

To : Pa
26/7/25
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