



S. A. ENGINEERING COLLEGE, CHENNAI – 77

(An Autonomous Institution, Affiliated to Anna University)

DEPARTMENT OF CSE (AIML)

ECA/ CCA REPORT (2024-2025/ODD)

1

WORKSHOP

27/06/2024

ACM Sponsored Innovative Approaches to Experiment Design and Research Methods in Modern Technology

Prof. Manu Santhanam

Dean –ICSR
IIT Madras



Prof. Palaniappan Ramu

Department of
Engineering Design IIT
Madras



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acm

VIT CHENNAI
Vellore Institute of Technology

Organizes
ACM India RFC Sponsored One-Day Workshop on

Innovative Approaches to Experiment Design and Research Methods in Modern Technology

Date & Time - 27-06-2024 (Thursday) 09.00 am to 03.30 pm | Venue- S.A. Engineering College (Autonomous), Chennai-77.

Speakers

Inaugural Function Chief Guest
Prof. Manu Santhanam
Department of Civil Engineering,
Dean - ICSR, IIT Madras

Validatory Function Chief Guest
Prof. Palaniappan Ramu
Department of Engineering Design,
IIT Madras

IT Madras

Chairs
Dr. S. Rameshchandraan, Principal, SABC
Dr. A. Astoribaker, HOD, CSES, SABC
Dr. S. Koteswaram, HOD, CSE (AIML), SABC

Co-Chairs
Dr. R. Ganesan, Professor and Dean, SOOPE, VIT, Chennai
Dr. S. Geetha, Professor and Associate Dean (Research), VIT, Chennai
Dr. R. Parvathi, Professor and Associate Dean (Academics), SOOPE, VIT, Chennai

Co-Chairs
Dr. M. Nafise, Associate Professor, Department of CSES, S.A. Engineering College, Chennai
Dr. R. Suganya, Associate Professor, School of Computer Science and Engineering, VIT Chennai

Poonamallee - Avadi Road, Veeraraghavapuram, Thiruverkadu, Chennai - 600077.

2

WORKSHOP

19/07/2024

Workshop on "Generative AI"

Mr. Harish Babu

Growth Manager

NXTWAVE (2024-
PRESENT)



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DEPARTMENT OF CSBS & CSE(AIML)
PRESENTS
THE INDIA 4.0 WORKSHOP

TOPIC : GENERATIVE AI

Mr. HARISH BABU
GROWTH MANAGER &
CAREER MENTOR

VENUE MECHANICAL BLOCK
SEMINAR HALL
TIME: 9:00 AM TO 12:00PM

JULY 19

+919941497973 SAEC@SAEC.AC.IN

3

GUEST LECTURE

06/08/2024

Innovating with Data Science: Integrating Design Thinking for Breakthrough Solutions

Mr. H. Abishek

Senior Associate
Learning

Infosys



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DEPARTMENT OF CSE (AIML) & CSBS
ORGANIZES
GUEST LECTURE ON
**INNOVATING WITH DATA SCIENCE:
INTEGRATING DESIGN THINKING
FOR BREAKTHROUGH SOLUTIONS**

Mr. H. Abishek
Senior Associate Learning
Infosys

06-08-2024

09 : 30 A.M. To : 03 : 30 P.M

VENUE : MECHANICAL SEMINAR HALL

044 26801999 www.saec.ac.in

4

GUEST LECTURE

08/08/2024

Future Insights in Machine Learning with Business Systems

**Mr. Prawin
raja**

Data
Scientist

Meister-Gen
Technologies
Pvt Lmt,
IIT Madras
Research
Park.



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DEPARTMENT OF CSE (AIML) & CSBS
ORGANIZES
GUEST LECTURE ON
**Future Insights in Machine Learning with
Business Systems**

MR. PRAWIN RAJA E
Data Scientist
Meister-Gen Technologies Private Limited
IIT Madras Research Park
08-08-2024
09:30 AM TO 03:30 PM
MBA Seminar hall, SAEC
044 26801999
www.saec.ac.in

5

WORKSHOP

08/08/2024

Exploring Global Opportunities for Advanced and Innovative Education

**Mr.
Ramesh
Pillutla**

Founder &
Director

Z1 Study
Abroad



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DEPARTMENT OF CSBS, CSE (AIML) & AIDS
ORGANIZES
GUEST LECTURE
ON
**EXPLORING GLOBAL OPPURTUNITIES FOR
ADVANCED AND INNOVATIVE EDUCATION**

SEP 2, 2024 1:30pm to 3:30pm IT Seminar Hall

Mr. Ramesh Pillutla
Founder & Director

- Decade Of Experience In Overseas Education
- Holds An International Master's Degree
- Guided 5000+ Study Abroad Aspirants

Mr. Rubesh Sugumar
Branch Manager

- 8+ Years Of Experience
- Cross-functional Expertise In Overseas Education Industry
- Guided 1000+ Study Abroad Aspirants

Ms. Vigneswari
International Relations Officer

- Two Years Of Experience In Overseas Consultancies
- Anna University Rank Holder

+91 99414 97973 saec@saec.ac.in https://www.saec.ac.in/

Empowering Student Careers Through IEEE Membership: Innovation, Opportunities, and Benefits

**Dr. P.
Kalpana
Devi**

**SMIEEE,
IEEE &
Assistant
Professor**

**Vel Tech
University**



**Dr.
Rahul S
G**

**Exe-com
Member,
IEEE
CASS &
Professor**

**Vel Tech
University**




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INSTITUTION'S INNOVATION COUNCIL
www.iiic.ac.in


IEEE PRO COMM
Professional Communication Society


CAS

Department of ECE, CSE (AIML) & CSBS
 In Association with
IEEE Professional Communication Society (PCS) Madras Chapter
 &
IEEE Circuits And Systems Society (CASS) Madras Chapter
 Organises

**Empowering Student Careers through IEEE Membership:
Innovation, Opportunities and Benefits**

Speakers



Dr. Rahul S G
MIEEE

Exec-Com Member
IEEE Circuits And Systems Society
ICASS Madras Chapter
&
Assistant Professor, Dept. of ECE,
Vel Tech Rangapetam Dr. Sagayamkonda
& D Institute of Science and
Technology, Chennai



Dr. P. Kalpana Devi
SMIEEE, FIETE

Secretary
IEEE Circuits And Systems Society
ICASS Madras Chapter
&
Professor, Dept. of ECE,
Vel Tech Rangapetam Dr. Sagayamkonda
& D Institute of Science and
Technology, Chennai

20.08.2024 **IT Auditorium, SAEC**

Topic 1 :
IEEE Student Membership Benefits
Session Duration : 10.00 am – 11.00 am

Topic 2 :
Empowering Student Careers through
Innovation and Opportunities
Session Duration : 11.15 am – 12.30 pm

Chairs

Dr. S. Ramachandran
Principal, SAEC

Dr. E. Kannan
Chair, IEEE PCS Madras Chapter

Dr. P. Sakthivel
Chair, IEEE CASS Madras Chapter

Conveners

Dr. T. Annalakshmi
HoD, ECE, SAEC

Dr. S. Koteeswaran
HoD, CSE (AIML), SAEC

Dr. A. Annonidoss
HoD, CSBS, SAEC

Ms. R. Ashwini Asst. Prof., ECE, SAEC

Ms. V. Praveena Asst. Prof., CSE(AIML), SAEC

Dr. M. Nalini Asso. Prof., CSBS, SAEC

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[saec_autonomous](https://www.instagram.com/saec_autonomous)
[S.A. Engineering College](https://www.linkedin.com/company/saec-ac-in)
[@dev_saec](https://twitter.com/dev_saec)

Innovations in Smart Home Systems – A 7-Level Approach

Mr. Mohamed Rawidean Mohd Kassim

Distinguished Visitor/IEEE Computer Society Regional Coordinator

Malaysian Institute of Microelectronic Systems

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DEPARTMENT OF CSBS & CSE (AIML)
&
IEEE COMPUTER SOCIETY, MADRAS CHAPTER
Organizes
A DISTINGUISHED VISITOR PROGRAM (DVP) TALK
On
INNOVATION IN SMART HOME SYSTEM: A 7-LEVEL APPROACH

30th Aug. 2024 Mechanical Seminar Hall

Mr. H R Mohan

IEEE CS Madras & Past President, CSI, India & Past Vice Chairman



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S.A. Engineering College (Autonomous), Chennai – 600 077
Department of CSE (AIML) & CSBS
&
IEEE Computer Society, Madras Chapter
Organizes
A Distinguished Visitor Program (DVP) Talk
on
Innovations in Smart Home System: A 7-Level Approach

Date & Time : 30th August 2024; 01.30 p.m. IST; Physical Mode
Programme : 01.30 p.m. DVP Talk | 02.45 p.m. ICT Quiz
Venue: S.A. Engineering College (Autonomous), Chennai – 600 077

Speakers

Mr. Mohamed Rawidean Mohd Kassim
Distinguished Visitor, IEEE Computer Society
Regional Coordinator, R10 IEEE Computer Society
Malaysian Institute of Microelectronic Systems (MIMOS)
Ministry of Science, Technology and Innovation, Malaysia

Mr. H. R. Mohan
IEEE Ambassador
Chair – Events, IEEE CS Madras Chapter
Past Vice Chairman, IEEE Madras Section
Past President, Computer Society of India
Former AVP (Systems), The Hindu, Chennai

Chairs

Dr. S. Ramachandran
Principal, SAEC

Dr. P. Sakthivel
Chair, IEEE CS Madras Chapter

Dr. A. Antoniodoss
HoD, CSBS, SAEC

Dr. S. Koteeswaran
HoD, CSE (AIML), SAEC

Conveners

Dr. M. Nalini
Associate Professor,
Department of CSBS, SAEC

Ms. V. Praveena
Assistant Professor,
Department of CSE (AIML), SAEC

● Last date for Registration: 28.08.2024
● Registration Fee: Free
● Limited Registration First Come First Serve
REGISTER NOW AT: <https://forms.gle/sM8iotgsjWLpdPAS7>

Contact Details
Dr. M. Nalini – 97109 10110
Ms. V. Praveena – 95662 46845

SUSTAINABLE DEVELOPMENT GOALS

Scan here to Register

saec.ac.in saec.autonomous S.A. Engineering College @dev_saec www.saec.in

IEEE-Sponsored Professional Development Programme on Accelerating AI-Driven Business Innovation: The Role of CPUs, GPUs, TPUs, and NPUs

Inauguration Chief Guest:

Mr. Narayanan. S

Vice President Digital Engineering & Gopal Head Legacy Modernization
Virtusa Consulting Services

Valedictory Chief Guest:

Mr. K. N. Badri Krishnan

Group Product Manager Rently

Website:

<https://www.saec.ac.in/saecpdp/>

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In Association with
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Organizes
IEEE SPONSORED ONE WEEK PROFESSIONAL DEVELOPMENT PROGRAMME (PDP)
On
**"Accelerating AI-Driven Business Innovation:
The Role of CPUs, GPUs, TPUs, and NPUs"**

16th – 22nd August 2024

**Inauguration
Chief Guest**

Mr. Narayanan. S
Vice President
Digital Engineering & Gopal Head
Legacy Modernization
Virtusa Consulting Services
Inaugural Function - 16.08.2024

**Valedictory
Chief Guest**

Mr. K. N. Badri Krishnan
Group Product Manager
Rently
Valedictory Function - 22.08.2024

தினகரன்
Dinakaran

எஸ்.ஏ. பொறியியல் கல்லூரியில்
6 நாட்கள் சிறப்பு கருத்தரங்கம்



திருவள்ளூர், ஆக. 26: சென்னை அடுத்த பூத்தமல்லி ஆவடி நெடுஞ்சாலையில் திருவேற்காட்டில் அமைந்துள்ள எஸ்.ஏ.பொறியியல் கல்லூரி மற்றும் ஐ.இ.இ.இ இணைந்து நடத்திய 6 நாட்கள் சிறப்பு கருத்தரங்கு கூட்டம் நடைபெற்றது.

இந்த நிகழ்ச்சி தொடக்க விழாவிற்கு கல்லூரி தாளாளரும், பொருளாளருமான க.அமர்நாத் தலைமை தாங்கினார். கல்லூரி செயலாளர் த.தசரதன், முதல்வர் எஸ்.ராமச்சந்திரன், துறைத் தலைவர்கள் ஆ.அத்தோனி தாஸ், எஸ்.கோமல்சுவரன், டி.அன்னலட்சுமி, நிகழ்ச்சி ஒருங்கிணைப்பாளர் எம்.நளினி, அர்ராஜிகா, பேராசிரியர் வி.பிரவீனா ஆகியோர் முன்னிலை வகித்தனர்.

டிஜிட்டல் பொறியியல் தலைவர், லெக்சி மேட்டர் நைசேஷன், விரடுசாக்ஸ் சல்டிங் சர்வீஸ் துணைத் தலைவர் எஸ்.நாராயணன் முதன்மை விருந்தினராக கலந்துகொண்டு நிகழ்ச்சியை தொடங்கியதைத் தாரார்.

இந்த நிகழ்ச்சியை சிபியு எஸ். ஜிபியுஎஸ், டிபியுஎஸ், என்பிடிஎஸ்களின் பங்குகள் மூலம் செயற்கை நுண்ணறிவால் செயலாக்கப்படும் வணிக புதுமைகளை விரைவுபடுத்துதல் எனும் தலைப்பில் 6 நாட்கள் தொழில்முனைவோர் வளர்ச்சி திட்டம் சிஎன்.இ. சிஎஸ்பிஎஸ், மற்றும் இசி.இ. துறைகளின் சார்பில் ஐ.இ.இ. - சிடிஎஸ்எஸ் சென்னை பிரிவுடன் இணைந்து நடத்தியது. இந்த நிகழ்ச்சி ஹைப்ரிட் முறையில் நடத்தப்பட்டு, செயற்கை நுண்ணறிவு மற்றும் இயந்திர கற்றல் போன்றவற்றை தொழில்நுட்பங்களின் முக்கிய பங்களிப்புகளை பற்றி முழுமையான ஆய்வுகள் நிகழ்த்தப்பட்டது.

அமிர்தா விஷ்வ வித்யா பிட்ம் பேராசிரியர்கள் எஸ்.செனந்திரராஜன், எஸ்.எஸ்.சர்வரத்தி, அஜைர் சமூக எம்.சார்டர் கபாஷ்ரி பாலாஜி, மென்பொருள் கருவிகள் மூலம் நிபுணர் ஸ்ரீராம் கே.வாகுதேவன், திசைமேக்னாலஜிபிரைவேட் லிமிடெட் திறுவனர் மற்றும் இயக்குநர் எம்.துயல் குமார், ஐஐடிபிடிஎம் பேராசிரியர்கள் வி.மாசிவமணி, நூர் மஹம்த், எஸ்.எஸ்.என் இன் ஜினியரிங் கல்லூரி பேராசிரியர் ஈ.கனயா, சென்னை விஜடி பேராசிரியர் ஆர்.கனயா ஆகியோர் நடைமுறை மற்றும் கோட்பாட்டு கருத்துக்களை ஒருங்கிணைத்து, பதியுதொழில் நுட்பங்களை எவ்வாறு வணிகத்தில் பயன்படுத்துவார் என முழு விளக்கங்களை அளித்தனர். நிறைவுறான நிகழ்ச்சியில் ரென்டி குழு தயாரிப்பு மேலாளர் கே.என்.பத்ரி கிருஷ்ணன் முதன்மை விருந்தினராக கலந்துகொண்டு பேசினார்.

இந்த நிகழ்ச்சியில் இத்தியா முழு வரதும் இருந்து 300க்கும் மேற்பட்ட பொறியியல் கல்லூரி மாணவர்கள், ஆசிரியர்கள் மற்றும் ஆராய்ச்சி சிபிஎன்.என் கலந்துகொண்டனர்.

PDP KEYNOTE SPEAKERS & SCHEDULE

09:00 AM to 12:00 NOON

01:00 PM to 4:00 PM

DAY 1 : 16.08.2024 (FRIDAY)

SESSION 1 : [AI, ML and Business Analytics](#)



Dr. Sountharajan S.
Chairperson and Associate Professor,
Amrita Vishwa Vidyapeetham,
Chennai Campus.

SESSION 2 : [DL, NLP and GenAI Connections](#)



Dr. S. S. Chakravarthy
Associate Professor,
Amrita Vishwa Vidyapeetham,
Chennai Campus.

DAY 2 : 17.08.2024 (SATURDAY)

SESSION 3 : [GPU-based AI and ML Real Time Applications in Innovative Business Systems](#)



Ms. Subashri Balaji
Senior Data Engineer,
Azure Community Champion.

SESSION 4 : [The AI/GenAI/LLM connection, GenAI Application Development in Cloud & LLMs for Content Generation, Hugging Face Demonstration](#)



Dr. Shriram K Vasudevan
Lead - Technical (AI/GenAI)
Software Tools Ecosystem Specialist,
Innovator, Intel Certified, NVIDIA Certified.

DAY 3: 19/08/2024 (Monday)

SESSION 5 : [Integration of AI and ML in Business Systems - Case Studies](#)



Mr. P. Anandkumar
Director, ERP
Microsoft, Pvt. Ltd.

SESSION 6 : [Challenges in the Cloud-Based AI Application Development, AI PC and Evolution of NPU based Case Study and Demonstration](#)



Dr. Shriram K Vasudevan
Lead - Technical (AI/GenAI)
Software Tools Ecosystem Specialist,
Innovator, Intel Certified, NVIDIA Certified.

DAY 4: 20/08/2024 (Tuesday)

SESSION 7 : Introduction to GPU Technology – Evolution from CPU to GPU



Dr. M. Dhayalakumar

Founder and Director,
Dhisai Technology Pvt Ltd,
Tiruchirappalli.

SESSION 8 : The Backbone of AI: Understanding Hardware Needs in Machine Learning



Dr. M. Dhayalakumar

Founder and Director,
Dhisai Technology Pvt Ltd,
Tiruchirappalli.

DAY 5: 21/08/2024 (Wednesday)

SESSION 9 : Real Time Application Development with Machine Learning and Deep Learning Using GPU



Dr. Masilamani V

Professor and Dean Student Affairs,
IIITDM, Kancheepuram.

SESSION 10 : Parallel Computing and Multi-core Architectures, Coaching



Dr. Noor Mahammad

Associate Professor,
IIITDM, Kancheepuram.

DAY 6: 22/08/2024 (Thursday)

SESSION 11 : Future Trends and Innovations in AI, ML and Business System



Dr. E. Suganya

Assistant Professor,
SSN College of Engineering, Chennai.

SESSION 12 : Driving Business Innovation : The Role of GPU's in Hadoop Ecosystem



Dr. R. Suganya

Associate Professor Senior,
VIT Chennai.

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INSTITUTION'S INNOVATION COUNCIL
 (University of Education - India)

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 Organizes
IEEE SPONSORED ONE WEEK PROFESSIONAL DEVELOPMENT PROGRAMME (PDP)
 On
**"Accelerating AI-Driven Business Innovation:
 The Role of CPUs, GPUs, TPUs, and NPUs"**

16th – 22nd August 2024










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IEEE SPONSORED ONE WEEK PROFESSIONAL DEVELOPMENT PROGRAMME (PDP)
 ON
**"Accelerating AI-Driven Business Innovation:
 The Role of CPUs, GPUs, TPUs, and NPUs"**
16th - 22nd August 2024




