



Dr. SIVANTHI ADITANAR COLLEGE OF ENGINEERING

(Approved by AICTE, Affiliated to Anna University, Chennai, Accredited by
NBA(CSE) and an ISO 9001:2015 Certified Institution)

TIRUCHENDUR - 628215



SACOESIUM-2025

23rd NATIONAL LEVEL STUDENTS' TECHNICAL SYMPOSIUM
12th MARCH 2025

EXCITING PRIZES!!

Paper Presentation Rules :

- Maximum number of authors - 2
- Paper should not exceed 6 pages and should be submitted in MS - Word format
- Send soft copy of full paper and abstract through email
- Produce bonafide certificate at the time of presentation
- Topic not restricted to the given themes

Event Rules:

- Refer college website

CIVIL

Paper Presentation Themes:

- Advances in Building Materials and Construction Techniques
- Green Infrastructure and Sustainable Water Management.
- Soil Stabilization Techniques
- Transportation Engineering and smart Mobility solutions
- Effluent Treatment Techniques
- Disaster Resilience and Management in Civil Engineering
- AI Role in Civil Engineering
- Smart Cities and Sustainable Urban Development
- Advanced Surveying

Events:

- CADD Modelling
- Connexion

Send Your Soft Copies to:
civilenggsacoe@gmail.com

MECH

Paper Presentation Themes:

- Machine Learning & IOT
- Optimization Techniques
- Manufacturing Engineering
- Fuels & Energy Sources
- E-Vehicle & Artificial intelligence
- Robotics & Drone Technologies
- Industrial Safety

Events:

- Balloon Car
- Business Plath

Send Your Soft Copies to:
sacoesiummech@gmail.com

CSE

Paper Presentation Themes:

- Artificial Intelligence and Machine Learning
- Augmented Reality/Virtual Reality
- Big Data Analytics
- Cloud Computing
- Computer Vision
- Data Science
- Internet of Things

Events:

- Coding Desenvolvimento
- Think-a-Thon

Send Your Soft Copies to:
sacoecse95@gmail.com

EEE

Paper Presentation Themes:

- Application of Special Electric Machines
- Soft Computing Techniqed for Electrical Problems
- Modern Trends in Renewable Energy Systems
- HDVC & FACTS
- Energy Storage Systems

Events:

- Cicuitrix
- Connexion

Send Your Soft Copies to:
eedrsacoe@gmail.com

ECE

Paper Presentation Themes:

- Electronic Device Modelling
- Analog/Digital VLSI System Designs
- Image/Audio/Video Signal Processing
- Embedded and IOT System Design
- 5G/6G Communication Technology
- Wireless Optical Communications
- AI Realization in product design
- RF MEMS & SoC Architectures

Events:

- Electrogeeks
- Sour it

Send Your Soft Copies to:
ecesacoesiumevents@gmail.com

IT

Paper Presentation Themes:

- Ethical Hacking / Network Security
- Mobile Computing -Android
- Soft Computing
- Web Technology
- IoT / Edge Computing
- Blockchain Technology
- IT Solution For Disaster Management

Events:

- Web Designing
- Dumb Charades

Send Your Soft Copies to:
sacoitevents@gmail.com

IMPORTANT DATES

- Last Date for submission of abstract : 01st March 2025
- Selection Intimation through Email : 04th March 2025
- Last Date for submission of full paper : 05th March 2025

NO REGISTRATION FEE

www.drscacoe.org
drscacoe@aei.edu.in

Contact: **The Co-Ordinator, SACOESIUM-2025, Dr.Sivanthi Aditanar College of Engineering, Tiruchendur - 628 215, Tuticorin District, Tamilnadu. Ph:04639-220700**

Dr.SIVANTHI ADITANAR COLLEGE OF ENGINEERING
TIRUCHENDUR - 628215
SACOESIUM 2025
23rd NATIONAL LEVEL STUDENTS' TECHNICAL SYMPOSIUM
12th MARCH 2025
EVENTS - RULES & REGULATIONS

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CODING DESENVOLVIMENTO	<ul style="list-style-type: none"> ➤ 5 source codes will be provided. ➤ The participants need to analyze the code and correct it without any bugs and take the output. ➤ In case of a tie, the time of solution submission will be the criteria for tie breaker, the decision of the co-ordinators will be final. ➤ Number of participants per team: 1
THINK-A-THON	<ul style="list-style-type: none"> ➤ You have to complete the given questions within the stipulated time. ➤ In case of a tie, the time of solution submission will be the criteria for tie breaker, the decision of the co-ordinators will be final. ➤ Number of participants per team: 1

DEPARTMENT OF INFORMATION TECHNOLOGY

WEB DESIGNING	<ul style="list-style-type: none"> ➤ Students in group have to design a web page. ➤ Maximum members : 2
DUMB CHARADES	<ul style="list-style-type: none"> ➤ Maximum members : 2 ➤ No of Rounds : 3 ➤ One member has to act and express the hints given, without any lip movement to the other member. ➤ The other has to find out the hint.


DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ELECTROGEEKS	<ul style="list-style-type: none"> ➤ It has 4 rounds namely <ul style="list-style-type: none"> i. Tik-Tok (warmup round) ii. Alphanair (Alphabets and questinair) iii. Device masking (Decrypting the masked device's name) iv. Circuit Debugging (Trouble Shooting the given circuit and identifying the missing component) ➤ One participant per team
SOUR IT	<ul style="list-style-type: none"> ➤ Sour it has a total of three rounds namely <ul style="list-style-type: none"> ✓ Connexion ✓ Identifying the personality ✓ Identifying the logo. ➤ Each round will have two / three sub rounds. The teams will answer the question after sipping the sour drink (lemon / citrus). ➤ One participant per team

Note:

1. Only paper presentation participants can participate in the events also.
2. Non technical events are common to all.


Coordinators


PRINCIPAL

Dr.SIVANTHI ADITANAR COLLEGE OF ENGINEERING
TIRUCHENDUR - 628215
SACOESIUM 2025
23rd NATIONAL LEVEL STUDENTS' TECHNICAL SYMPOSIUM
12th MARCH 2025

EVENTS - RULES & REGULATIONS

DEPARTMENT OF CIVIL ENGINEERING

CADD MODELING	<ul style="list-style-type: none"> ➤ Draw a plan and elevation using Autocad software for the given particulars at the time of event. ➤ Single Participant ➤ Duration: 1Hour ➤ Prize: First, Second, Third
CONNEXION CONTEST	<ul style="list-style-type: none"> ➤ On spot questions. ➤ Single Participant ➤ Duration: 1Hour ➤ Prize: First, Second, Third

DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING

CIRCUITRIX	<ul style="list-style-type: none"> ➤ Design a circuit for a given problem. ➤ Two participants per team.
CONNEXION	<ul style="list-style-type: none"> ➤ Two participants per team.

DEPARTMENT OF MECHANICAL ENGINEERING

BALLOON CAR	<ul style="list-style-type: none"> ➤ Members per Team are two. ➤ Balloon car can be made onsite ➤ Longest distance will be considered and announced as winner out of three trials. ➤ Additional marks will be provided for good design. ➤ Distance will be measured in meters. ➤ Judges decision will be final.
BUSINESS PLAN	<ul style="list-style-type: none"> ➤ Team should bring business plan soft copy in CD and hard copy while attending competition. ➤ Members per Team are two. ➤ Team will be judged according to the following criteria: <ul style="list-style-type: none"> ➤ Capability, Motivation and commitment of the Team ➤ Impact: Commercial Strategy, Scalability and Sustainability ➤ Excellence: Innovation & Feasibility ➤ Financing Plan: solid financial plan for the next two years) ➤ In presentation round you can present your plan. (Max 10 slides) ➤ The team which is qualified in presentation round is interviewed and the result is announced.

Note:

1. Only paper presentation participants can participate in the respective department technical events.
2. Non technical events are common to all participants.s


Coordinators


PRINCIPAL