ELECTRA
ADITHYA
INSTITUTE OF TECHNOLOGY
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
An Industry Integrated Institution
An Autonomous Institution & Accredited by NAAC with A+ Grade
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
ORGANIZES
PRAVARTAN'25
NATIONAL LEVEL TECHNICAL SYMPOSIUM
TECHNICAL EVENTS
NEXTGEN EXPO
TECH TALKS
CIRCUIT CRAZE
CODE ARENA
NON-TECHNICAL EVENTS
CONNEXIONS
PHOTOGRAPHY
ROBOTIC EVENTS
LINE FOLLOWER
26-MARCH-25
REGISTRATION FEES : ₹200
WIN EXCITING CASH PRIZES!!!
CERTIFICATE FOR ALL PARTICIPANTS
CONVENOR
Dr.B.PADMANABHAN
HoD/ EEE
pravartansymposium.in
pravartan.team@gmail.com
FACULTY CO-ORDINATORS
Mr.G.VINOTH AP/EEE
+91 96291 77833
Mr.D.KARTHICK AP/EEE
+91 96776 26844
STUDENT CO-ORDINATORS
Mr.R.S.PRASHANTH
+91 98433 66621
Ms.A.MATHUMITHA
+91 63740 43985
Mr.M.HARISH
+91 89400 80844

@pravartan25.in

EVENTS

Technical Events

Non-Technical Events

Fun Events

26 MARCH 2025

For any Queries

+91 98433 66621

pravartan.team@gmail.com

ADITHYA
INSTITUTE OF TECHNOLOGY
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
An Industry Integrated Institution
An Autonomous Institution & Accredited by NAAC with A+ Grade

ELECTRA
ADITHYA INSTITUTE OF TECHNOLOGY
ELECTRICAL AND ELECTRONICS ENGINEERING

NEXTGEN EXPO

(PROJECT EXPO)

INNOVATE AND ELEVATE

Unleash your ingenuity and bring your groundbreaking ideas to life. Display your projects that push the boundaries of innovation.

PRAVARTAN

26 MARCH 2025

Starts At 10:30 AM

Faculty Co-ordinator

Mr. T. Kirubhakaran AP/EEE

Student Co-ordinators

R. Jebaraj - III/EEE
+91 96291 20622

K. Nandhan- II/EEE
+91 82209 73693

@pravartansymposium.in

ADITHYA
INSTITUTE OF TECHNOLOGY
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
An Industry Integrated Institution
An Autonomous Institution & Accredited by NAAC with A+ Grade

ELECTRA
ELECTRICAL AND ELECTRONICS ENGINEERING

TECH TALKS
(PAPER PRESENTATION)

RESEARCH AND REVEAL

Dive into the realm of research and present your visionary concepts. Impress judges with your knowledge and passion for new discoveries.

26 MARCH 2025

Starts At 10:30 AM

Faculty Co-ordinator

Mrs. I. Raja rajeswari AP/EEE

Student Co-ordinators

S. Ananthan - III/EEE
+91 93605 54032
S. Thinahari - II/EEE

@pravartansymposium.in

ADITHYA INSTITUTE OF TECHNOLOGY
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
An Industry Integrated Institution
An Autonomous Institution & Accredited by NAAC with A+ Grade

CIRCUIT CRAZE

DESIGN AND DOMINATE

Power up your brain and tackle electrifying circuit challenges. Design, debug, and dominate in this ultimate test of electrical skills.

26 MARCH 2025

Round-1
Starts At 10:30 AM

Round-2
Starts At 01:30 PM

Faculty Co-ordinator

Mr. D. Karthick AP/EEE

Student Co-ordinators

K. Vishnuvikas III/EEE
+91 90802 74327
M. Harish II/EEE
+91 89400 80844

@pravartansymposium.in

CIRCUIT CRAZE

Event Structure:

- This is an individual participation event. Team participation is not allowed.
- The event consists of two rounds.

Round 1: Circuit-Based MCQs –

Round – (30 minutes)

- This round consists of 30 multiple-choice questions related to circuit concepts.
- The questions will test participants on circuit fundamentals, components, and basic troubleshooting.
- Participants must complete the MCQs within the given time.

Round 2: Breadboard Wiring Challenge

- Qualified participants from Round 1 will proceed to this round.
- The required components for the circuit will be provided.
- Participants must complete the given circuit within the specified time.
- The accuracy and functionality of the circuit will be evaluated.

General Rules:

- Only registered participants will be allowed to compete.
- Involvement in malpractice will lead to immediate disqualification.
- Participants must follow all event guidelines and instructions given by the organizers.

THE FACULTY CO-ORDINATOR AND THE EVENT CO-ORDINATOR'S DECISION WOULD BE THE FINAL DECISION

ADITHYA
INSTITUTE OF TECHNOLOGY
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
An Industry Integrated Institution
An Autonomous Institution & Accredited by NAAC with A+ Grade

CODE ARENA

CODE & CONQUER

Enter the battlefield of logic, where your coding skills will be your weapon. Outthink, outcode, and outlast your competitors in this intense programming showdown.

26 MARCH 2025

Round-1
Starts At
10:30 AM

Round-2
Starts At
01:30 PM

Faculty Co-ordinator

Mr. G. Vinoth AP/EEE

student Co-ordinators

P. Prabakaran III/EEE
+91 73976 74077
R. Mugesh Bala II/EEE
+91 63833 71603

@pravartansymposium.in

CODE ARENA

Event Structure:

- This is an individual participation event. Team participation is not allowed.
- The event consists of two rounds.

Round 1: Multiple-Choice Questions (MCQ)

Round – (30 minutes)

- This round will test participants on fundamental C programming concepts.
- The round will be conducted in a written format.

Round 2: Live Quiz (Online)

- Qualified participants from Round 1 will compete in a Live Quiz.
- The quiz will test C programming knowledge, logical thinking, and problem-solving skills.
- Participants will answer questions in real-time, and scores will be based on both correctness and response time.
- The participant with the highest score at the end of the quiz will be declared the winner.

General Rules:

- Only registered participants will be allowed to compete.
- Involvement in malpractice will lead to immediate disqualification.
- Participants must follow all event guidelines and instructions given by the organizers.

THE FACULTY CO-ORDINATOR AND THE EVENT CO-ORDINATOR'S DECISION WOULD BE THE FINAL DECISION

ADITHYA
INSTITUTE OF TECHNOLOGY
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
An Industry Integrated Institution
An Autonomous Institution & Accredited by NAAC with A+ Grade

LINE FOLLOWER

TRACK AND TRIUMPH

Build, code, and let your robot navigate its way to victory. Precision, speed, and strategy are your keys to dominating the track.

26 MARCH 2025

Starts At 10:30 AM

Faculty Co-ordinator

Mr. D. Karthick AP/EEE

student Co-ordinators

M. Jeyasurya III/EEE
+91 76049 61542
V. Arikaran II/EEE
+91 90806 48383

@pravartansymposium.in

LINE FOLLOWER

Event Structure:

- This is a team event with a minimum of 2 members and a maximum of 4 members per team.
- Each team must bring a valid college ID as proof of participation.
- One team = One robot (A team can represent only a single robot in the event).

Bot Specifications:

- Maximum dimensions: The robot must not exceed 25 × 25 × 25 cm.
- The robot must be fully autonomous (No manual control allowed).
- Battery requirement: The battery must be sealed and should not exceed 12V DC.
- Sensors: Any type of sensor can be used for line sensing.
- Arena Safety: The bot must not damage the track or surroundings. Any such incident may lead to disqualification, with the event coordinators' decision being final.
- The robot's design and construction should primarily be original.
- Penalty for ready-made kits: Using pre-built kits will result in a +20 second penalty.
- Clarifications: Any design-related doubts must be cleared before the event with the coordinators.
- Pre-event checks: All robots will be inspected for rule compliance before the competition. Non-compliant robots may be disqualified.
- The decision of the event coordinators and referees is final.

Arena Specifications:

- The track line thickness will be approximately 25 to 30 mm.
- The final track design will be revealed on the event day.

General Rules:

- Participants must follow all event guidelines and instructions given by the organizers.

THE FACULTY CO-ORDINATOR AND THE EVENT CO-ORDINATOR'S DECISION WOULD BE THE FINAL DECISION

ADITHYA
INSTITUTE OF TECHNOLOGY
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
An Industry Integrated Institution
An Autonomous Institution & Accredited by NAAC with A+ Grade

CONNEXIONS

FUSE AND FIND

A race against time to complete the circuit and spark brilliance. Showcase your knowledge of electronics by making the right connections under pressure.

26 MARCH 2025

Round-1
Starts At
02:00 PM

Round-2
Starts At
02:30 PM

Faculty Co-ordinator

Mrs. J. Madheswari AP/EEE

student Co-ordinators

R. S. Prashanth III/EEE
+91 98433 66621

C. Gowtham II/EEE
+91 93455 78879

@pravartansymposium.in

CONNEXIONS

Event Structure:

- This event allows both individual and team participation (Maximum 3 members per team).
- The event consists of two rounds.

Round 1: Rapid Fire

- Each question will be displayed for 30 seconds.
- Participants/teams must identify the correct word based on the given images.
- Participants/teams with the highest scores will qualify for Round 2.

Round 2: Identify the Logo

- Partial logos will be shown to the participants.
- Participants identity the brand/company names
- Faster responses will earn higher points.
- The participant/team with the highest score will be declared the winner.

General Rules:

- Only registered participants will be allowed to compete.
- Involvement in malpractice will lead to immediate disqualification.
- Participants must follow all event guidelines and instructions given by the organizers.

THE FACULTY CO-ORDINATOR AND THE EVENT CO-ORDINATOR'S DECISION WOULD BE THE FINAL DECISION

ADITHYA
INSTITUTE OF TECHNOLOGY
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
An Industry Integrated Institution
An Autonomous Institution & Accredited by NAAC with A+ Grade

PHOTOGRAPHY

SHOOT AND SHOWCASE

Capture moments, tell stories, and freeze time through your lens. Unveil your artistic perspective in this celebration of creativity and vision.

26 MARCH 2025

Starts At 12:00 PM

Ends At 02:30 PM

Faculty Co-ordinator

Dr. B. Padmanabhan HoD/EEE

student Co-ordinators

K. Prasanth III/EEE
+91 93611 85759
S. Deepika II/EEE

@pravartansymposium.in

PHOTOGRAPHY

Event Structure:

- This is an individual participation event.
- Participants must capture on-spot photographs within the event premises.
- The event will take place from 10:30 AM to 2:00 PM.

Photography Guidelines:

- Only mobile photography is allowed (No DSLR or other cameras permitted).
- Participants can only photograph symposium events (Capturing images outside the event areas is not allowed).
- Editing is strictly prohibited (Only raw images must be submitted).
- Plagiarism is not allowed (Participants must submit their original work).

General Rules:

- Participants capturing images outside the event area will be disqualified.
- The decision of the event coordinators is final and cannot be changed.
- Participants must follow all event guidelines and instructions given by the organizers.

THE FACULTY CO-ORDINATOR AND THE EVENT CO-ORDINATOR'S DECISION WOULD BE THE FINAL DECISION