## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### DEPARTMENT VISION

To impart the best technical education instilled with discipline, values and leadership qualities that will produce professional technocrats in Electronics and Communication Engineering.

### DEPARTMENT MISSION

**M1**: To impart fundamental Electronics and Communication Engineering concepts and a broad set to technical skills.

**M2**: To prepare Electronics and Communication Engineering graduates who will effectively and responsibly in practicing engineering.

**M3**: To impart practical exposure on latest technological developments in Electronics and Communication Engineering.

### Program Educational Objectives (PEO's)

On successful completion of UG in Electronics and Communication Engineering, the Graduates will:

**PEO1**: Acquire adequate knowledge in the field of Electronics and Communication Engineering to have a successful career.

**PEO2**: Pursue higher studies with the focusing on R&D activities in the related areas.

**PEO3**: Take up entrepreneurship by practicing lifelong learning with innovation

### Program Specific Outcomes (PSO's)

**PSO1**: To design and implement application specific electronic systems to provide real time solutions combating societal, ecological and economical issues in the areas of communication, networking, embedded systems and VLSI.

**PSO2**: To demonstrate proficiency by quickly adapting to changes in technology and tools and administer professional engineering practice through lifelong Learning and contributing immensely to research and development

# NEWS LETTER

AY-2023-2024




# E-TRANICS

# GATES

INSTITUTE OF TECHNOLOGY

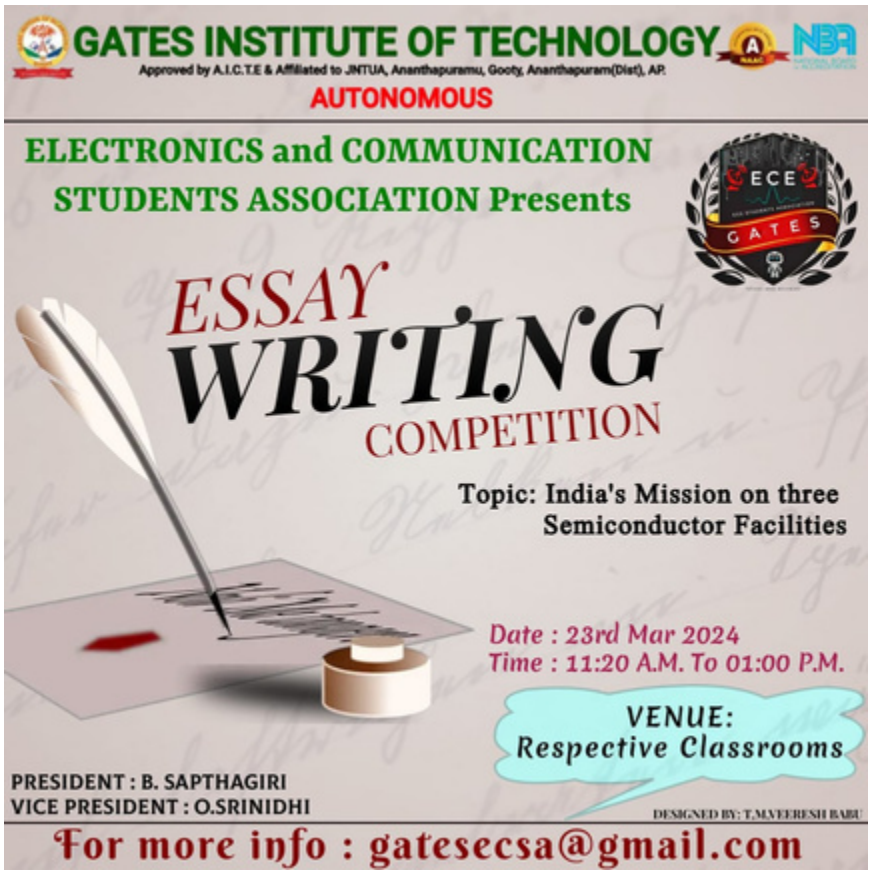
Autonomous

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## 1. **Essay Writing Competition**

The poster announces an Essay Writing Competition organized by the Electronics and Communication Engineering Students Association (ECESA) of GATES Institute of Technology. The event aims to encourage students to express their ideas, improve writing skills, and increase awareness about emerging technologies. The competition topic is “India’s Mission on Three Semiconductor Facilities,” which focuses on India’s growing efforts to become a global hub in semiconductor manufacturing and technology development.




Semiconductors are essential components used in electronic devices such as mobile phones, computers, automobiles, medical equipment, and communication systems. Through this topic, participants can explore how India is investing in semiconductor fabrication plants to strengthen technological independence, create employment opportunities, and reduce dependence on imports. The essay competition also helps students understand the importance of innovation, research, and government initiatives in the electronics industry.

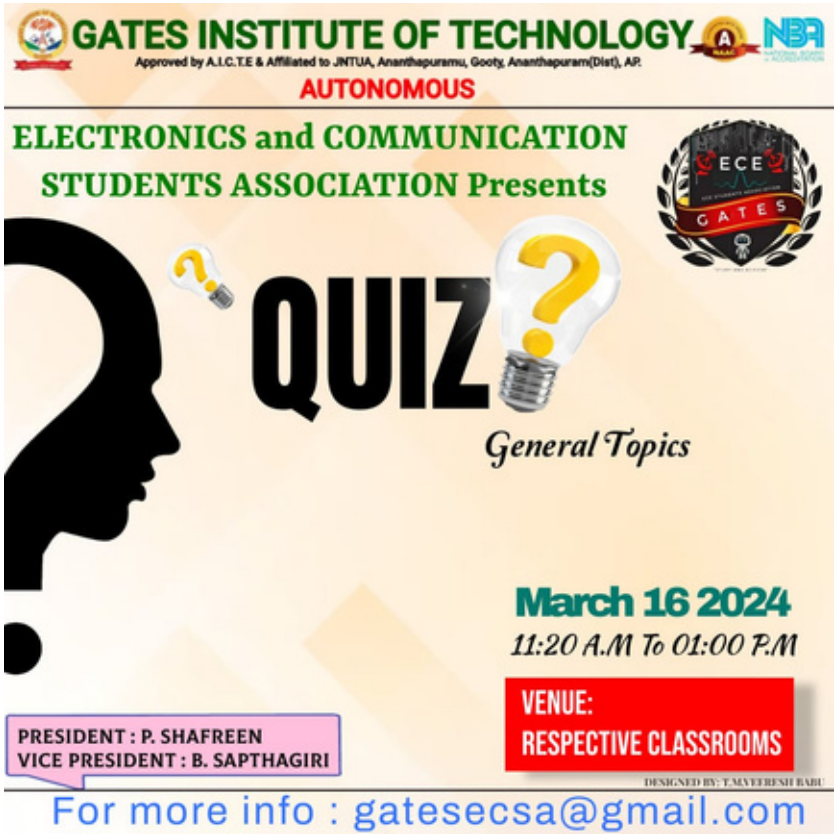
The event is scheduled for 23rd March 2024 from 11:20 A.M. to 1:00 P.M., and it will be conducted in the respective classrooms. The poster highlights the leadership of the ECESA team and provides contact details for further information. Overall, the competition promotes creativity, technical awareness, and communication skills among engineering students while encouraging them to think about India’s technological future.

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Photos of Essay Writing Competition

## 1. Quiz Competition

This poster promotes a Quiz Competition organized by the Electronics and Communication Engineering Students Association (ECESA) of GATES Institute of Technology. The event is designed to encourage students to improve their general knowledge, critical thinking, and problem-solving abilities through an engaging and competitive activity. The quiz focuses on general topics, allowing participants from different backgrounds to test their awareness and intellectual skills.




Quiz competitions play an important role in academic development because they help students gain confidence, increase concentration, and develop quick decision-making abilities. Such events also create a healthy

competitive environment where students can learn new facts, current affairs, science, technology, history, and other important subjects in an interactive way. By participating in quizzes, students improve teamwork, communication skills, and time management while also strengthening their memory and analytical thinking.

The event is scheduled to take place on 16th March 2024 from 11:20 A.M. to 1:00 P.M. in the respective classrooms. The poster highlights the names of the student association leaders and provides contact information for further details. Overall, the quiz competition reflects the institution's commitment to promoting extracurricular activities that support both academic excellence and personal development among students.

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Photos of Quiz Competition

1. **What's Your Skill**

This poster advertises a skill-based event titled "What's Your Skill," organized by the Electronics and Communication Engineering Students Association (ECESA) of GATES Institute of Technology. The program is intended to encourage students to identify, showcase, and improve their unique talents and abilities. The tagline, "Versatile skills ready to tackle any challenge," highlights the importance of developing multiple skills that help students succeed in academics, careers, and personal growth.




The event creates a platform for participants to demonstrate creativity, communication, technical knowledge, leadership qualities, and innovative thinking. Skill-oriented activities help students gain confidence and prepare them for real-world challenges by encouraging teamwork, problem-solving, and practical learning. Such programs are especially important for engineering students because they promote both technical and soft skills, which are essential in today's competitive world.

The poster includes creative visuals such as gears, question marks, and learning symbols to represent innovation, curiosity, and talent development. The event was scheduled on 21st July 2023 from 2:30 P.M. to 4:10 P.M. in the respective classrooms. The names of the student association leaders are also mentioned, along with the designer's details. Overall, the event reflects the institution's focus on nurturing student talent, creativity, and overall personality development through extracurricular activities.


GATES INSTITUTE OF TECHNOLOGY
ELECTRONICS and COMMUNICATION
STUDENT ASSOCIATION Presents
What's Your Skill
GPS Map Camera
Ramarajupalle, Andhra Pradesh, India
2999, Gooty, Ramarajupalle, Andhra Pradesh 515401, India
Lat 15.074756°
Long 77.63081°
21/07/23 03:03 PM GMT +05:30
Google


GATES INSTITUTE OF TECHNOLOGY
What's Your Skill
GPS Map Camera
Ramarajupalle, Andhra Pradesh, India
2999, Gooty, Ramarajupalle, Andhra Pradesh 515401, India
Lat 15.074757°
Long 77.630809°
21/07/23 02:58 PM GMT +05:30
Google

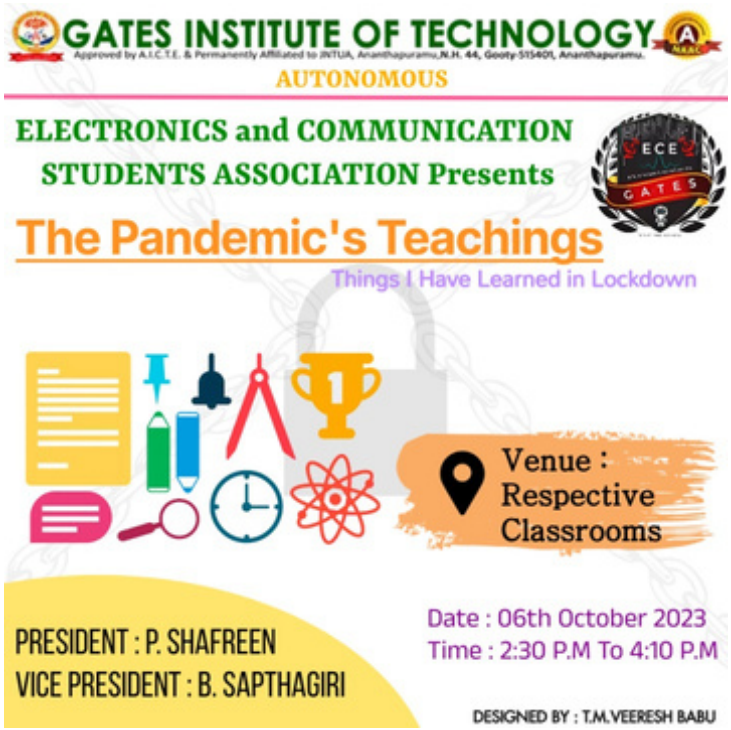

GPS Map Camera
Ramarajupalle, Andhra Pradesh, India
3JFJ+F53, Ramarajupalle, Andhra Pradesh 515401, India
Lat 15.074167°
Long 77.630672°
21/07/23 04:05 PM GMT +05:30
Google


GPS Map Camera
Ramarajupalle, Andhra Pradesh, India
2999, Gooty, Ramarajupalle, Andhra Pradesh 515401, India
Lat 15.074644°
Long 77.630738°
21/07/23 03:20 PM GMT +05:30
Google

Photos of What's Your Skill

1. **The Pandemic's Teachings**

This poster is an invitation and awareness banner created by the Electronics and Communication Engineering (ECE) Students Association of GATES Institute of Technology. The event is titled **"The Pandemic's Teachings – Things I Have Learned in Lockdown."** It aims to encourage students to share their experiences, lessons, and personal growth during the COVID-19 lockdown period. The poster reflects an educational and motivational theme, showing how difficult times can teach valuable life lessons.




The design includes colorful educational symbols such as books, pens, a compass, a clock, and scientific icons, representing learning, creativity, and knowledge. The ECE association logo is displayed on the top-right side, highlighting the organizing department. The institution name and autonomous status are clearly mentioned at the top, giving official recognition to the event.

Important event details are also included in the poster. The venue is mentioned as the respective classrooms, making it convenient for students to attend. The event was scheduled on **06th October 2023** from **2:30 P.M to 4:10 P.M**. The names of the student association leaders, President P. Shafreen and Vice President B. Sapthagiri, are provided at the bottom. Overall, the poster effectively combines creativity, information, and motivation to attract student participation.


GATES INSTITUTE OF TECHNOLOGY
ELECTRONICS and COMMUNICATION
STUDENTS ASSOCIATION Presents
The Pandemic's Teachings
Venue : Respective Classrooms
GPS Map Camera
Ramarajupalle, Andhra Pradesh, India
2999, Gooty, Ramarajupalle, Andhra Pradesh 515401, India
Lat 15.07477°
Long 77.630807°
06/10/23 02:50 PM GMT +05:30
Google


GATES INSTITUTE OF TECHNOLOGY
ELECTRONICS and COMMUNICATION
STUDENTS ASSOCIATION Presents
The Pandemic's Teachings
PRESIDENT : P. SHAFREEN


Teachings
Venue : Respective Classrooms
GPS Map Camera
Ramarajupalle, Andhra Pradesh, India
2999, Gooty, Ramarajupalle, Andhra Pradesh 515401, India
Lat 15.074768°
Long 77.630832°
06/10/23 03:03 PM GMT +05:30
Google




Photos of The Pandemic's Teachings