GCEM

Gopalan College of Engineering and Management
(ISO 9001:2015 certified)
Approved by All India Council for Technical Education (AICTE), New Delhi
Affiliated to Visvesvaraya Technological University (VTU), Belagavi, Karnataka
Recognised by Govt. of Karnataka

Address: 181/1, 182/1, Sonnenahalli, Hoodi, K.R.Puram, Whitefield, Bangalore, Karnataka - 560 048

Phone No: (080) - 42229748 **Email:** gcem@gopalancolleges.com **Website:** www.gopalancolleges.com/gcem

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Report on
Technical Fest

"GETOCS 5.0"

(Growing Electronics Technology Oriented Congregation Stage)

Tech-Fest

Organized by

Department of Electronics and Communication Engineering
Gopalan College of Engineering and Management (GCEM)
Dates: May 14th – 16th, 2025
Venue: GCEM Campus, Hoodi, Whitefield, Bangalore

Introduction

GETOCS 2025, the flagship national-level techno-cultural fest of **GCEM**, was successfully conducted from **May 14th to 16th, 2025**, under the theme **"EUPHORIA – Celebrate Innovation, Ignite Creativity"**. Organized by the **Department of Electronics and Communication Engineering**, the fest offered a perfect fusion of **technology**, **creativity**, and **youth energy** through a series of competitions, exhibitions, performances, and presentations.

More than **100+ students** from multiple colleges participated in over **15 events**, showcasing their technical intellect and artistic flair. The event was managed by a dedicated team of faculty coordinators, student leaders, and volunteers.

Day 1: May 14th, 2025

Inauguration Ceremony

Time: 9:30 AM – 11:00 AM

Venue: GCEM Auditorium

The event began with an invocation and lighting of the ceremonial lamp.

Dignitaries present:

- **Chief Guest:***Dr. Ashok Rao* – Former Head, CPRI
- **Guest of Honour:***Mr.RebenthaDutta* – Program Manager, Intel Unnati
- **Presiding:**Dr.AnanthaPadmanabhan S (HOD – ECE)
- Faculty Coordinators: Dr.Krishnakumar, Dr. M. S. Suresh
- Student Coordinators: Anupama S. Teli, GaganAnjanaadri

Inspirational speeches focused on bridging the gap between theory and practice, and the value of balancing academics with passion and creativity.

Keynote Address by Dr. Ashok Rao

Date: May 14, 2025

Time: 11:00 AM – 11:30 AM

Venue: GCEM seminar hall, 6th Floor

Occasion: GETOCS 2025 – Day 1 (Immediately Following the Inauguration Ceremony)

About the Speaker:

Dr. Ashok Rao is a renowned academician, innovator, and former Head of the Centre for Electronics Design and Technology (CEDT) at the Indian Institute of Science (IISc), Bengaluru. He is well known for his contributions to electronics education and his ability to connect emerging technologies with practical societal impact.

Address Highlights:

In his engaging and insightful **keynote address**, Dr. Ashok Rao captivated the audience with his depth of knowledge, wit, and inspiring vision for the future of engineering education. Below are the key points from his session:

Theme: "The Engineer's Role in a Disruptive World"

1. **Innovation Beyond the Curriculum:**

   Dr.Rao emphasized that true innovation begins where the textbook ends. He urged students to explore knowledge independently, beyond the scope of the syllabus, and to develop curiosity as a lifelong habit.

2. **Importance of Fundamentals:**

   He reminded students that no technology—however advanced—can succeed without strong foundational knowledge. Concepts of physics, mathematics, and core electronics remain vital in an age dominated by AI and automation.

3. **Disruption is the New Normal:**

   With examples from AI, quantum computing, renewable energy, and IoT, Dr.Rao highlighted how rapid technological disruption is reshaping industries. He called for an educational approach that nurtures agility, adaptability, and resilience.

4. **Creativity + Engineering = Impact:**

   Dr.Rao advocated for interdisciplinary thinking. "An engineer who can understand art and a poet who can code will shape the future," he said. This perspective resonated strongly with the theme of GETOCS 2025 – *EUPHORIA.*

5. **Entrepreneurship & Ethical Engineering:**

   Encouraging students to become not just job-seekers but job-creators, he spoke about the power of engineering-led entrepreneurship. He also stressed the importance of ethics, responsibility, and sustainability in tech development.

Audience Interaction:

The session concluded with a short Q&A, where Dr.Rao answered questions on how students can balance learning with innovation, and the role of young engineers in India's growth. His responses were filled with wisdom, humor, and motivating anecdotes.

Impact and Feedback:

- Attended by over 2**00 students and faculty members**
- Sparked deep reflection among students on their career paths and potential
- Received strong appreciation for its clarity, inspiration, and practicality

TECHXPLORE Technical Events - Day 1

TECHXPLORE – Igniting Innovation Through Technology:

TECHXPLORE is the premier technical segment of **GETOCS**, hosted by the **Department of Electronics and Communication Engineering** at **Gopalan College of Engineering and Management**. Designed to bridge the gap between classroom concepts and real-world application, TECHXPLORE offers a vibrant platform for students to **innovate, create, and compete** in a variety of tech-centric events.

Under the broader theme of **EUPHORIA**, TECHXPLORE 2025 witnessed **enthusiastic participation** from budding engineers across institutions, who engaged in high-impact activities ranging from technical debates and paper presentations to hands-on circuit debugging and project exhibitions. The events were thoughtfully curated to nurture **critical thinking**, **practical problem-solving**, and **interdisciplinary collaboration**.

Whether it was presenting futuristic research ideas, racing self-engineered RC cars, or showcasing socially relevant projects, TECHXPLORE empowered participants to go beyond textbooks and bring their technical visions to life. The segment stood as a testament to the **spirit of engineering excellence**, encouraging students to evolve as future-ready innovators.

Event: Brain Ingenuity – Technical Paper Presentation

"Think, Innovate, Present!"

Brain Ingenuity gave students a formal stage to present original technical papers in fields like AI, IoT, VLSI, communication systems, and embedded technologies. With over 25 participants, the event fostered a research-oriented environment, encouraging young minds to think critically and propose impactful engineering solutions. Judges evaluated papers based on novelty, technical depth, and presentation skills.

Date: May 14, 2025

Time: 11:30 AM – 1:30 PM

Venue: Seminar Hall, GCEM

Event Category: TECHXPLORE – GETOCS 2025
Organized by: Department of Electronics and Communication Engineering
Gopalan College of Engineering and Management

Objective:

Brain Ingenuity aimed to promote academic research, innovation, and presentation skills among engineering students. The event provided a professional platform to present **original technical papers** on emerging trends and real-world engineering challenges. The goal was to encourage students to move beyond textbooks and engage with the world of **research and applied problem-solving**.

Event Format:

- **Presentation Time:** 8 minutes per participant/team, followed by a 2-minute Q&A
- **Submission Domains Included:**
  - Artificial Intelligence and Machine Learning
  - Internet of Things (IoT)
  - VLSI Design
  - Smart Healthcare Systems
  - Renewable Energy
  - Cybersecurity
  - Embedded Systems and Automation
- **Judging Criteria:**
  - Technical content and originality
  - Relevance and application
  - Presentation clarity and visual aids
  - Confidence and Q&A handling

Participation:

- **Total Presentations:** 25
- **Team Size:** Solo or teams of 2

Highlights:

- Several papers showcased **industry-relevant problems** and **working simulations/prototypes**.
- Presenters received feedback on both **technical depth** and **professional communication**.
- Active audience engagement during Q&A sessions enhanced learning for all attendees.

Outcomes:

- Encouraged a **research-oriented mindset** among undergraduates.
- Built confidence in **technical writing, documentation, and formal presentation**.
- Identified high-potential students for future **project mentoring, internships, and conferences**.
- Promoted **collaborative learning and cross-disciplinary exploration**.

Conclusion:

The **Brain Ingenuity – Technical Paper Presentation** was a cornerstone event of GETOCS 2025 that successfully nurtured academic excellence and innovation. The session bridged theory and real-world application, providing young engineers an opportunity to showcase their research, receive constructive feedback, and learn from peers. It reaffirmed the importance of **critical thinking, communication, and originality** in shaping future technologists.

- 1st Prize – ₹4000
- 2nd Prize – ₹2000
- 3rd Prize – ₹1500

Event:Breathe the Fire – Technical Debate

"When Ideas Clash, Innovation Sparks!"

Topic: Artificial intelligence is a Boone or bane

In this intellectually charged event, participants debated trending and ethical topics in technology—ranging from AI surveillance and automation to data privacy and green energy. Teams spoke *For* and *Against* specific themes, showcasing articulate arguments, strong rebuttals, and a grasp of contemporary tech implications.

"Artificial Intelligence: A Boon or a Bane?"

The event witnessed participation from multiple colleges, with **eight teams** comprising two members each—one speaking*for* the motion, and one speaking *against*. The format encouraged **balanced analysis, critical thinking, and evidence-based arguments**.

Debate Highlights:

Arguments For AI (Boon):

- AI enhances **efficiency and productivity** in industries such as healthcare, agriculture, and logistics.
- Automation powered by AI leads to **safer, data-driven decisions**, especially in areas like autonomous driving and disaster prediction.
- AI is crucial in **personalized learning**, smart assistants, and streamlining workflows, making lives easier and more connected.
- AI-driven tools help in **detecting diseases early**, aiding research, and supporting under-resourced systems.

Arguments Against AI (Bane):

- Over-dependence on AI can lead to **job displacement** and de-skilling of the workforce.
- AI raises serious concerns related to **data privacy, surveillance, and misuse**.
- Biases in machine learning algorithms can **amplify discrimination and misinformation**.
- Lack of ethical governance may lead to **unregulated weaponization** and manipulation (e.g., deepfakes, AI-generated propaganda).

Judging Criteria:

- Clarity and relevance of arguments
- Rebuttal strength and spontaneity
- Use of examples and data
- Presentation style and audience engagement

- Best Speaker – For: ₹1500
- Best Speaker – Against: ₹1500

Event: Remove Mucks, Take Bucks – Circuit Debugging

"Fix the Fault, Feel the Spark!"

This event tested the participants' ability to identify and resolve circuit faults in both analog and digital systems. With time-bound rounds and increasing difficulty levels, the challenge demanded not just theoretical knowledge but sharp practical troubleshooting skills.

Competition Overview:

1. **Initial Assessment**

   The objective type questions were given in the subject of Electronics.

2. **Visual Inspection**

   Physical Examination: Inspect the circuit board and components for visible signs of damage, such as burnt marks, loose connections, or broken components.

Component Orientation and Placement: Verify that all components are correctly placed and oriented as per the design specifications.

3. **Correction and Verification**

   Repair or Replace: Once the fault is identified, repair or replace faulty components or connections.

   Functional Verification: Test the circuit again to ensure that the problem has been resolved and that all functionalities are restored.

Key Highlights:

1. Hands-on Practical Sessions

- **Interactive Learning:** Participants engaged in practical exercises where they applied theoretical knowledge to diagnose and fix real circuit issues.
- **Use of Tools:** Hands-on experience with oscilloscopes, multimeters, and other diagnostic equipment enhanced participants' proficiency in using these tools effectively.

2. Case Studies and Real-world Scenarios

- **Application of Theory:** Analysis of actual circuit failures provided practical insights into troubleshooting methodologies.
- **Problem-solving Skills:** Participants learned strategies to tackle complex issues through structured case studies and group discussions.

3. Expert Guidance and Mentorship

- **Instructor Expertise:** Experienced instructors provided guidance and mentorship throughout the event, offering insights based on real-world experience.

- **Q&A Sessions:** Interactive sessions allowed participants to seek clarification and deepen their understanding of circuit debugging concepts.

4. Networking and Collaboration

- **Community Building:** Opportunities for networking and collaboration among participants from diverse backgrounds (students, hobbyists, professionals).
- **Knowledge Exchange:** Sharing of experiences and techniques among peers enriched learning and fostered a supportive learning environment.

5. Practical Takeaways and Skills Development

- **Skill Enhancement:** Participants gained practical skills in systematic fault identification, isolation, and resolution.
- **Tool Proficiency:** Improved familiarity with diagnostic tools empowered participants to tackle circuit issues with confidence.

Conclusion:

After intense rounds of competition, winners were announced based on their performance across the judging criteria. Prizes were awarded to teams participants with practical skills, fostering collaboration, and providing valuable insights into effective troubleshooting methodologies. Participants left with enhanced capabilities and a strengthened network within the electronics community, poised to apply their newfound knowledge in their respective fields. Additionally, all participants received valuable feedback from the judges to help them improve their designs and strategiesfor future competitions.

- 1st Prize – ₹1500
- 2nd Prize – ₹1000

TECHXPLORE Technical Events - Day 2

Event: Turbo Rush – RC Car Race

Date: May 15, 2025

Time: 10:45 PM – 1:00 PM

Venue: Race Track, ECE Corridor, GCEM Campus

Event Category: TECHXPLORE – GETOCS 2025
Organized by: Department of Electronics and Communication Engineering
Gopalan College of Engineering and Management

Objective:

The primary goal of the **Turbo Rush – RC Car Race** was to encourage students to apply their knowledge of **electronics, mechanical systems, and remote-control communication** in a hands-on, competitive environment. The event aimed to promote **design thinking, engineering creativity, and dynamic control skills** through the construction and racing of RC (Remote-Controlled) vehicles.

Event Structure:

- **Track Layout:**

  A custom-built racecourse was set up on the GCEM outdoor grounds with speed zones, sharp turns, and obstacles to test maneuverability.

- **Rounds:**
  The event consisted of **two rounds**:
  1. **Time Trial Round** – Each team raced individually to record the best lap time.
  2. **Final Race-Off** – The top 6 teams competed in a multi-lap final.
- **Evaluation Criteria:**
  - Speed and lap time
  - Control and stability
  - Car design and innovation
  - Obstacle clearance efficiency

Participation:

- **Number of Teams:** 10
- Each team consisted of 2–4 students responsible for design, control, and support.

Technical Highlights:

- Many teams used custom-built chassis, geared DC motors, and microcontroller-based control systems.
- Some participants integrated Bluetooth or RF modules, and a few showcased **self-stabilizing** features.
- The fastest lap was clocked at **1 minute 12 seconds** by Team "Speed Circuit".

Outcomes:

- Promoted real-world application of embedded systems, control theory, and electronics.
- Encouraged team-based project development and time-bound technical execution.
- Sparked student interest in **robotics**, **mechatronics**, and **automotive electronics**.
- Provided a model for further events involving **autonomous navigation** and **sensor integration**.

Conclusion:

The **Turbo Rush – RC Car Race** was a **high-energy, high-engagement** technical event that exemplified the spirit of GETOCS 2025. Participants demonstrated not only technical knowledge

but also creativity and teamwork under pressure. The event successfully met its goals of fostering innovation, excitement, and experiential learning in a competitive and enjoyable format.

Event: Exhibit to Pursue It" – Project Exhibition

Date: May 15, 2025

Time: 2:30 PM – 4:00 PM

Venue: ECE Corridor, GCEM

Event Category: TECHXPLORE – GETOCS 2025

Organized by: Department of Electronics and Communication Engineering **Gopalan College of Engineering and Management**

Objective:

The **Project Exhibition – "Exhibit to Pursue It"** was designed to provide a platform for engineering students to **showcase innovative, practical, and socially relevant projects**. It encouraged **hands-on learning, teamwork, and creative problem-solving**, allowing participants to demonstrate how theoretical knowledge could be translated into functional, real-world solutions.

Event Format:

- Each team was allocated a **stall space** to demonstrate their working model or prototype.
- Visitors included faculty, students, industry guests, and external evaluators.
- Projects were evaluated based on:
    - Innovation & originality
    - Practical applicability
    - Technical execution & working demo
    - Presentation clarity and teamwork

Participation:

- **Total Projects Exhibited:** 20+
- **Team Size:** 2–4 students per team

Project Themes:

- Smart Home Automation using IoT
- Health Monitoring Devices using Embedded Systems
- Line Following and Obstacle-Avoiding Robots
- Renewable Energy Solutions using Solar Power
- Smart Helmet with Accident Detection
- Voice-Controlled Appliances

- Face Recognition-based Attendance System
- Traffic Density–Based Smart Signal Control

Highlights:

- Some teams demonstrated live working models and mobile apps controlling hardware components.
- Visitors were impressed by the **cost-effectiveness and innovation** in the student-built solutions.
- Faculty appreciated the interdisciplinary nature and real-world impact of many projects.
- The exhibition served as a **mini incubation space**, sparking ideas for potential product development.

Outcomes:

- Fostered **entrepreneurial thinking** and **product development mindset**.
- Enabled **peer learning** and exposure to **emerging technologies**.
- Opened doors for **industry collaboration**, internships, and future research mentorship.
- Boosted student confidence in presenting projects to a **non-technical and semi-technical audience**.

Conclusion:

The **"Exhibit to Pursue It" Project Exhibition** was a major success at GETOCS 2025, showcasing the creativity, dedication, and technical abilities of student innovators. The event served as a **launchpad for ideas** that have the potential to evolve into real-world solutions or startups. It perfectly embodied the spirit of TECHXPLORE: **explore, experiment, exhibit**.

EUPHORIA – Non-Technical Events – Day 2

Introduction

EUPHORIA, the cultural segment of **GETOCS 2025**, held from **May 15th to May 16th, 2025**, was a grand celebration of student life, creativity, and community. Organized by the **Department of Electronics and Communication Engineering**, the fest offered a space for students to explore and exhibit their talents beyond academics. With high participation from multiple colleges and departments, EUPHORIA lit up the campus with performances, laughter, friendly competition, and unforgettable memories.

Event: Walk the Vibe – Ramp Walk "Style. Confidence.Attitude."

The most glamorous event of the fest, this ramp walk featured students expressing themselves through fashion, confidence, and attitude. The event was judged on stage presence, costume creativity, and overall impact.

Date: May 15, 2025

Time: 12:00 PM – 1:00 PM

Venue: Seminar hall, GCEM

Event Category: EUPHORIA – GETOCS 2025

Organized by: Department of Electronics and Communication Engineering **Gopalan College of Engineering and Management**

Objective:

Walk the Vibe – Ramp Walk was organized to celebrate **confidence, creativity, fashion, and personal expression**. The event aimed to provide a platform where students could showcase their style, personality, and stage presence through themed runway performances. It was designed to foster **self-expression, inclusivity, and cultural creativity** among participants.

Event Format:

- **Participation Format:** Solo or pair ramp walk
- **Theme:** "Be Bold, Be You" – highlighting individuality, diversity, and originality
- **Judging Criteria:**
  - Attire Creativity and Styling
  - Stage Presence and Confidence
  - Thematic Relevance
  - Walk Coordination and Expression

Participation:

- **Total Participants:** 20 students
- A mix of ethnic, formal, and creative couture was showcased.

Highlights:

- The audience engagement was outstanding with loud cheers and support for every participant.
- Themes like **sustainability**, **gender neutrality**, **cultural fusion**, and **corporate chic** were presented creatively.
- A few students walked barefoot or used recycled materials in their attire to reinforce meaningful messages.
- Professional lighting and music added grandeur to the stage ambiance.

Outcomes:

- Enhanced student **confidence**, **public performance skills**, and **stage presence**
- Encouraged inclusivity and freedom of artistic expression
- Brought attention to **fashion as a form of storytelling and identity**

- Built student interest in **event planning, grooming, and fashion communication**

Conclusion:

The **Walk the Vibe – Ramp Walk** was a glamorous and empowering conclusion to the non-technical events of **GETOCS 2025**. It transformed the main stage into a runway of dreams and self-expression, leaving the audience inspired and energized. The event truly aligned with the spirit of **EUPHORIA** – celebrating talent in every form, from intellect to image.

Event: Khoj-e-Khazana – Treasure Hunt

A fun and intellectually stimulating event where teams decoded clues, solved mini-puzzles, and navigated their way across the campus in search of the hidden "Khazana". It promoted teamwork, critical thinking, and campus-wide engagement.

Date: May 15, 2025

Time: 3:00 PM – 4:30 PM

Venue: Entire GCEM Campus

Event Category: EUPHORIA – GETOCS 2025

Organized by: Department of Electronics and Communication Engineering
Gopalan College of Engineering and Management

Objective:

The event **Khoj-e-Khazana** aimed to engage students in a **team-based puzzle-solving and campus exploration challenge**, encouraging **collaboration, logical thinking, observation, and decoding skills**. The goal was to offer a fun and adventurous experience that tested mental sharpness, creativity, and physical agility in an interactive format.

Event Format:

- **Team Size:** 3–5 members
- **Total Teams:**8 (30+ participants)
- **Clue-Based Rounds:**
    - Participants were given a **starting clue**, and each correctly solved clue led them to the next location on campus.
    - Clues included riddles, logic puzzles, QR codes, and mini-challenges.
    - The first team to solve all the clues and retrieve the final “treasure” was declared the winner.
- **Supervision:** Each checkpoint was monitored by event volunteers to ensure fair play.

Sample Challenge Types:

- Riddle: “I light up your way but disappear by day” → Clue hidden near the campus lamp post.
- QR Code Puzzle: Teams scanned a code and solved a digital cipher to get GPS coordinates of the next location.
- Action Challenge: Perform a task (like a group pose, math puzzle, or decoding symbols) to unlock the next clue.

Outcomes:

- Promoted **teamwork, problem-solving, and time management**
- Created an **inclusive environment** where students from all departments could participate
- Served as a **recreational break** from technical activities and academic routine
- Built **coordination and event planning experience** for student organizers

Conclusion:

Khoj-e-Khazana was one of the most **interactive, fast-paced, and engaging** events of **EUPHORIA – GETOCS 2025**. It combined elements of **mystery, strategy, and excitement**, turning the GCEM campus into a thrilling playground of discovery. The overwhelming participation and positive feedback underscored its success, making it a highly anticipated feature for future editions.

Event: “Naach-Junction” – Dance Competition

Date: May 15, 2025

Time: 04:30 AM – 6:30 PM

Venue: Seminar hall, GCEM Campus

Event Category: EUPHORIA – GETOCS 2025

Organized by: Department of Electronics and Communication Engineering **Gopalan College of Engineering and Management**

Objective:

The aim of **Naach-Junction** was to provide a vibrant and high-energy platform for students to showcase their **dance talent, stage confidence, and creative expression**. The event welcomed diverse dance forms including **classical, folk, western, hip-hop, Bollywood, and fusion**, allowing individuals and groups to perform with passion and flair.

Event Format:

- **Categories:**
  - Solo Performance

    - Group Performance (2–8 participants per team)
- **Performance Time Limit:**
    - Solo: 3 minutes
    - Group: 5 minutes
- **Judging Criteria:**
    - Choreography and originality
    - Synchronization (for groups)
    - Expression and stage presence
    - Costume and overall impact

Participation:

- **Total Performances:** 12
    - 4 Solo
    - 8 Group

The event drew a massive crowd, with the open-air stage area packed with enthusiastic peers and faculty cheering for every beat and move.

Highlights:

- Dynamic lighting and sound enhanced performance quality.
- Fusion styles combining Western and Indian forms captivated the audience.
- One group used live storytelling through movement, leaving a lasting emotional impact.
- The crowd joined in post-event with an impromptu dance-off, bringing a joyful, informal close.

Outcomes:

- Provided students a platform for **creative and physical expression**
- Helped develop **stage confidence, coordination, and choreography skills**
- Fostered **inter-college bonding and cultural exchange**
- Enhanced the festive and inclusive atmosphere of GETOCS

Conclusion:

Naach-Junction was one of the most energetic and entertaining highlights of **EUPHORIA – GETOCS 2025**. It successfully celebrated the **rhythm, diversity, and talent** of the student community. The positive feedback from participants and the audience alike ensures that this event will remain a core attraction in future editions of GETOCS.

EUPHORIA – Non-Technical Events – Day 3

Event: “RANA-BHUMI” – BGMI Tournament

Date: May 16, 2025

Time: 10:00 AM – 1:00 PM

Venue: Computer Science Lab, GCEM

Event Category: EUPHORIA – GETOCS 2025

Organized by: Department of Electronics and Communication Engineering
Gopalan College of Engineering and Management

Objective:

The **"RANA-BHUMI" – BGMI Tournament** was organized to engage students in the exciting world of **competitive e-sports** through **Battlegrounds Mobile India (BGMI)**. The goal was to promote teamwork, strategic thinking, digital reflexes, and responsible gaming in a structured and fair tournament setting.

Event Format:

- **Team Size:** 4 players per squad
- **Total Teams Registered:** 30+
- **Format:**
  - Initial elimination rounds in **Erangel and Sanhok** maps
  - Semi-final and final matches conducted in **TPP Squad Classic Mode**
  - Points system based on **kills, survival time, and match placement**
- **Infrastructure:**
  - LAN-based server setup for lag-free play
  - Game screening for audience in the CSE Seminar Room
  - Real-time scoreboard updates displayed between rounds

Participation:

- 20+ student gamers
- Intense inter-college competition with audience support and live commentary
- Participation included both seasoned gamers and casual enthusiasts

Highlights:

- The final match was live-streamed in the auditorium, drawing a cheering crowd.
- Commentary by student gamers made the event engaging for both players and spectators.
- Teams exhibited **incredible coordination, clutch moments, and advanced strategies**.
- The event demonstrated the **growing relevance of e-sports in student communities**.

Outcomes:

- Promoted **teamwork, tactical planning, and time management**
- Opened dialogue on **gaming as a skill-based sport**
- Improved student skills in **LAN networking, streaming, and event tech support**
- Created a positive and inclusive space for students with non-traditional interests

Conclusion:

The **RANA-BHUMI – BGMI Tournament** was one of the most adrenaline-fueled and enthusiastically received events of **GETOCS 2025**. With high participation, competitive spirit, and smooth coordination, the event successfully showcased the **intersection of gaming, technology, and student engagement**. It has set the foundation for future e-sports events at GCEM and reinforced the diversity of talent present on campus.

Event: "Frame by Frame" – Cinematography Contest

Date: May 16, 2025

Time: 11:00 AM – 12:00 PM

Venue: ECE Class room, GCEM

Event Category: EUPHORIA – GETOCS 2025

Organized by: Department of Electronics and Communication Engineering **Gopalan College of Engineering and Management**

Objective:

"Frame by Frame" aimed to spotlight the **creative and storytelling abilities** of students through the medium of cinematography. The event encouraged participants to capture emotions, messages, and perspectives through film, providing a platform for both technical and artistic talent in **filmmaking, editing, and direction**.

Event Format:

- **Submission Type:** Short films, cinematic reels, or video essays
- **Duration:** 2 to 5 minutes
- **Theme:** *"Perspective"* (broadly interpreted to allow creativity)
- **Judging Criteria:**
    - Storytelling and concept
    - Camera work and composition
    - Editing and sound design
    - Originality and impact

Participation:

- **Total Entries Submitted:** 12
- Entries were screened publicly in the GCEM Auditorium for audience and judges.

Highlights:

- Genres included slice-of-life, mockumentary, comedy, thriller, and abstract art.
- One notable entry used only **natural sounds and black & white visuals** to tell a powerful silent story.
- The audience vote feature added engagement, with students applauding their peers' creativity.
- A feedback session followed the screening, where judges offered tips on composition and cinematic structure.

Outcomes:

- Encouraged **multimedia storytelling, scripting, and video production skills**
- Promoted use of accessible technology (mobile filmmaking, free editing software)
- Helped students gain experience in **direction, teamwork, and post-production**
- Sparked interest in forming a **cinema and media club** at GCEM

Conclusion:

"Frame by Frame" stood out as an intellectually rich and emotionally stirring event of **EUPHORIA – GETOCS 2025**. It allowed students to speak through visuals, address important themes, and showcase their cinematic vision. The success of this event proved that storytelling through film is a powerful educational and expressive tool, making it a must-have in future editions.

Valedictory Ceremony

Date: May 16, 2025

Time: 2:30 PM – 4:30 PM

Venue: Seminar Hall, GCEM Campus

Event: Closing Ceremony of GETOCS 2025

Organized by: Department of Electronics and Communication Engineering **Gopalan College of Engineering and Management**

Purpose:

The **Valedictory Ceremony** marked the **formal conclusion of GETOCS 2025**, a three-day national-level techno-cultural fest that brought together **technical brilliance, artistic expression, and spirited student participation**. The event aimed to reflect on the success of the fest, recognize achievements, and extend gratitude to the stakeholders who made it possible.

Highlights of the Ceremony:

Welcome Address:

The session began with a warm welcome by **Dr. M. S. Suresh**, Faculty Coordinator of GETOCS 2025, who recapped the journey of the fest from its planning phase to its successful execution.

Prize Distribution:

Trophies, certificates, and cash awards were presented to the **winners and runners-up** of all technical and non-technical events, including:

- *Brain Ingenuity* – Paper Presentation
- *Remove Mucks, Take Bucks* – Circuit Debugging
- *Turbo Rush* – RC Car Race
- *Breathe the Fire* – Technical Debate
- *Exhibit to Pursue It* – Project Exhibition
- *Rana-Bhumi* – BGMI Tournament
- *Khoj-e-Khazana* – Treasure Hunt
- *Frame by Frame* – Cinematography
- *Naach-Junction* – Dance Competition
- *Walk the Vibe* – Ramp Walk

Winners from other colleges were also felicitated, and all participants received **e-certificates of appreciation**.

Guest Address:

A closing message was delivered by **Dr.AnanthaPadmanabhan S**, Head of the Department (ECE), who applauded the student teams for their professionalism, creativity, and commitment. He emphasized the importance of holistic development through events like GETOCS, which foster leadership, innovation, and collaboration.

Student & Volunteer Recognition:

Special mentions were given to the **student coordinators** and **volunteers** whose tireless efforts behind the scenes ensured the smooth conduct of all events. Mementos were presented to:

- Anupama S. Teli – Student Coordinator
- GaganAnjanaadri S – Student Coordinator
- Nigam S., PolireddySasankar Reddy – Non-Technical Coordinators
- Over 30 volunteers from all departments

Fest Highlights Video:

A short video compilation showcasing moments from all three days of the fest was screened, capturing event glimpses, audience engagement, and student excitement.

Vote of Thanks:

The formal **Vote of Thanks** was delivered by **Dr.Krishnakumar**, who extended heartfelt gratitude to:

- The **Management of GCEM** for their support and resources

- All **faculty coordinators and judges** for mentoring and guidance
- **Participants and guests** from various institutions for making GETOCS a grand success
- The **media and IT support team** for coverage and technical arrangements
- The **entire student team** for impeccable coordination

Conclusion:

With cheers, applause, and a sense of pride, **GETOCS 2025 officially concluded**, leaving behind memories of **creativity, competition, and camaraderie**. The Valedictory Ceremony served as a fitting tribute to the spirit of the fest, ensuring that the legacy of GETOCS continues to grow stronger year after year.