



Govt. Model
Engineering
College, Kochi



EXCEL 2024
INSPIRE | INNOVATE | ENGINEER



EXCEL 2024

What is Excel?

Excel is India's second largest techno-managerial festival hosted by Govt. Model Engineering College, Kochi. Over the years, more than 2000 universities and 1000 institutions from around the country have been part of Excel. Since its inception in 2001, Excel has always pushed the limits of creativity as a dynamic platform for students to explore, innovate, and excel. Excel returns for a momentous 25th edition - Excel 2024, and promises to be an unforgettable journey. Join us for a constellation of events that includes workshops, competitions, talks, and all kinds of fun!

.ISSUE!

- **Date** : 25 January 2025
- **Time** : 1:30 PM - 4:00 PM
- **Venue** : Internal Auditorium
- **Guests** : Adv. Abin Varkey, Adv. S Suresh, P M Arsho, Sunny M Kapicadu, Rahul Easwar, and Christina Cherian
- **“.ISSUE!”** is a talks event where noted people from different walks of life gather for a discussion on a particular topic. This year “.ISSUE!” plans on convening experts from varied domains, along with emerging voices, to discuss on the balance between factual accuracy and the use of myths and narratives in shaping historical consciousness.

Unmasked

- **Date** : 24 January 2025
 - **Time** : 1:30 PM - 3:30 PM
 - **Venue** : Internal Auditorium
 - **Guests** : Shamil Muchukunnu
- **“Unmasked”** is where the intriguing world of mentalism and hypnosis comes to life. Known for his remarkable skills in mind reading and psychological illusions, **Shamil** blends entertainment with the art of suggestion to create unforgettable performances. Don't miss this opportunity to witness magic and mentalism like never before.

Digital Roads

- **Date** : 24 January 2025
 - **Time** : 9:30 AM - 12:30 PM
 - **Venue** : Internal Auditorium
 - **Guests** : Suresh Kumar K, Managing Director & Founder of Skybertech
- **“Digital Roads”** is a talks event that is sure to guide you into the next era of business innovation and the IT industry. Learn where to seek opportunities, how to boost your business with cutting-edge technology and strategies to stay on top of your game in a rapidly evolving digital world.

RJ Conclave

- **Date** : 26 January 2025
- **Time** : 9:30 AM - 12:30 PM
- **Venue** : Internal Auditorium
- **Guests** : RJ Veeru and RJ Kavitha from Radio Mango
- **“RJ Conclave”** is a vibrant and engaging talks event featuring renowned Radio Jockeys as they take center stage to share their fascinating stories and experiences. From hilarious on-air moments and the evolution of the industry to handling unexpected situations and forging meaningful connections with listeners, each RJ will spotlight a topic they are passionate about.

UAV Technology Workshop

- **Date** : 24 January 2025
- **Time** : 9:30 AM - 12:30 PM
- **Venue** : Media Hall
- The UAV Technology Workshop provides a comprehensive introduction to unmanned aerial vehicles (UAVs). This workshop covers drone history, component functionality, and the software ecosystem, including hands-on experience with ArduPilot. Participants will gain practical insights into drone navigation and explore the potential of UAVs in future applications.

Computer Vision and Robotics Workshop

- **Date** : 24 January 2025
- **Time** : 1:30 PM - 4:30 PM
- **Venue** : SDPK Hall
- The Computer Vision and Robotics Workshop focuses on the applications of computer vision in robotics. Participants will explore key concepts like image processing, navigation, and object recognition. The workshop emphasizes practical applications, emerging trends, and real-world challenges, equipping attendees with the skills to contribute to advancements in robotics.

Space Robotics Workshop

- **Date** : 26 January 2025
- **Time** : 9:30 AM - 12:30 PM
- **Venue** : Media Hall
- The Space Robotics Workshop explores the convergence of robotics and space exploration. Participants will gain insights into cutting-edge space technology, robotics principles, and AI in astronomy. Hands-on learning, discussions, and case studies equip attendees with the skills to address real-world challenges in this exciting field.

RoboSoccer

- **Date** : 24 January 2025
- **Time** : 9:30 AM - 12:30 PM
- **Venue** : Amphitheatre
- Partake in a thrilling showdown of manually controlled robots battling it out in a fast-paced soccer match. Customize your bots, showcase your engineering prowess, and compete for exciting prizes in three rounds of intense competition.

Lumiere

- **Date** : 24 January 2025
- **Time** : 9:30 AM - 4:30 PM
- **Venue** : Analog/Power Electronics Lab
- Test your skills, collaborate with your team, and compete for top honors in a three-round electronics competition combining theory and hands-on circuit building. From basic concepts to advanced designs, "Lumiere" challenges you to innovate and excel in electronics and electrical engineering.

RoboRoute

- **Date** : 26 January 2025
- **Time** : 9:30 AM - 4:30 PM
- **Venue** : New Block Entrance
- Engage in a Line Follower Robot Competition where participants design autonomous robots to navigate complex mazes. Equipped with IR sensors, robots must tackle turns, intersections, and obstacles with speed and precision to win the ultimate prize.

Reverse Coding

- **Date** : 24 January 2025
- **Time** : 9:30 AM - 3:30 PM
- **Venue** : Computer Lab 1
- Crack the code, claim the prize! Delve into the depths of a mysterious executable file and uncover its hidden logic. This thrilling competition tests your precision and problem-solving skills as you navigate two challenging rounds. Only the sharpest minds will conquer the code and unravel the enigma. It's a battle of wits, logic, and ingenuity – are you ready to accept the challenge?

WebCraft

- **Date** : 25 January 2025
- **Time** : 9:30 AM - 1:30 PM
- **Venue** : Computer Lab 1
- Unleash your creativity and code your way to victory! This is your battleground for design and development. Bring your ideas to life by creating a stunning website or app for a given prompt. Design a unique logo, choose a vibrant color palette, and use any UI framework you like. Compete and prove your skills at “WebCraft”!

Lord of Code

- **Date** : 25 January 2025
 - **Time** : 9:30 AM - 4:00 PM
 - **Venue** : Computer Lab 2
- Conquer the code, claim the crown! Push your coding limits in this prestigious competition. Showcase your exceptional skills, problem-solving abilities, and strategic thinking against top contenders. Join the battle of wits and code, and strive to emerge victorious as the Lord of Code!

Code Crush

- **Date** : 26 January 2025
 - **Time** : 9:30 AM - 3:30 PM
 - **Venue** : Computer Lab 1
- This rousing competition challenges your programming abilities, problem-solving skills, and teamwork. Compete solo or with a partner in a thrilling two-phase challenge. Test your expertise in a high-stakes preliminary round with separate computers. Points are awarded based on test cases passed, lines of code, and submission order. Unleash your creativity and conquer "Code Crush"!

Codeum Reparo

- **Date** : 26 January 2025
 - **Time** : 9:30 AM - 2:30 PM
 - **Venue** : Computer Lab 2
- Put your coding skills to the test in this coding competition focused on debugging and optimizing code. Transform flawed code into streamlined, high-performing solutions. Demonstrate coding mastery by prioritizing speed, memory, and clean coding practices.

Laser War

- **Date** : 24-25 January 2025
 - **Time** : 10:00 AM - 4:00 PM
 - **Venue** : Volleyball Court
- Don your vests, grab your blasters, and step into the neon-lit arena! Dodge lasers, conquer obstacles, and unleash the fun with your team. No winners, no losers, just high-energy action and unforgettable memories.

Treasure Hunt

- **Date** : 24-25 January 2025
 - **Time** : 10:00 AM - 4:00 PM
 - **Venue** : Room 509, 510 and 511 (Prelims), Kochi (Finals)
- Unleash your inner Indiana Jones! Solve puzzles, crack codes, and explore Kochi on a thrilling adventure. Test your teamwork, problem-solving, and spirit of exploration. This is your chance to experience the rush of a real-life treasure hunt!

News Desk

- **Date** : 25 January 2025
 - **Time** : 9:30 AM - 12:30 PM
 - **Venue** : CCF Hall
- Unleash your inner journalist! This fast-paced competition throws you into the heart of the newsroom. Four unique rounds test your reporting, writing, and critical thinking skills. Showcase your talent, make every story count, and emerge as the next media sensation!

Fast Break

- **Date** : 25 January 2025
 - **Time** : 10:00 AM - 4:00 PM
 - **Venue** : Basketball Court
- Assemble your team and get ready to dominate the court in this high energy 3v3 Basketball Tournament. Showcase your speed, skills and teamwork and indulge in buzzer-beating shots, thrilling plays, and intense competition.

Vincere Negotium

- **Date** : 25 January 2025
 - **Time** : 10:00 AM - 4:00 PM
 - **Venue** : Room 511
- "Vincere Negotium" is a three-round managerial team event challenging participants in strategy, negotiation, and decision-making. Teams tackle intricate business scenarios, present innovative solutions, and navigate high-pressure crises. This competition serves as an exceptional platform for aspiring managers to refine their skills and elevate their leadership.

Cycle Rush

- **Date** : 26 January 2025
 - **Time** : 10:00 AM - 4:00 PM
 - **Venue** : Volleyball Court
- Experience the thrill of high-speed cycling! This ultimate competition tests your speed, skill, and endurance. Master the perfect blend of velocity, agility, and precision as you race against the clock and your rivals. Every second counts! Gear up for this action-packed adventure and pedal your way to the top.

Capital Connect

- **Date** : 26 January 2025
- **Time** : 1:30 PM - 3:30 PM
- **Venue** : Internal Auditorium
- **Guest** : Nayanraj P R, Founder & CEO of Dream Wealth Edu
- Join us for an insightful session on the importance of financial planning in daily life and achieving financial freedom with your salary. Learn practical strategies for managing finances, starting your financial planning journey, and achieving long-term financial freedom.

Game Zone

- **Date** : 24-26 January 2025
- **Time** : 10:00 AM - 4:00 PM
- **Venue** : Room 315
- Get ready to level up your gaming skills at Game Zone! Face off against your friends in a series of games including Valorant, Virtual Reality games and eFootball. Push limits, make memories, and have a blast with your fellow gamers.

Rage Room

- **Date** : 24-25 January 2025
- **Time** : 10:00 AM - 4:00 PM
- **Venue** : Room 309
- Experience the ultimate stress reliever! Smash, break, and release your frustrations in our safe and controlled environment. Enjoy dramatic lighting, themed setups, and customizable music. Safety gear provided. Perfect for solo, duo, or group sessions. Unleash your inner fury at the Rage Room!

Excel Website



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