



# GHOUSIA COLLEGE OF ENGINEERING

(A constituent college of Ghousia Industrial and Engineering Trust)

Recognized by Government of Karnataka and AICTE, New Delhi

Accredited by national board of accreditation, New Delhi

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

RAMANAGARA 562-159

*presents*

# HACKATRONICS



**TURNING ERRORS INTO  
EXCELLENCE**

## ABOUT GHOUSIA COLLEGE OF ENGG

Ghousia College of Engineering was started in the year 1980. The College is affiliated to Visvesvaraya Technological University, Belagavi and recognized by AICTE, New Delhi and Government of Karnataka. All its departments are accredited by National Board of Accreditation (NBA) for the third term. It is the No.1 Minority College in the State of Karnataka. The College is situated on an expanse of 35 acres of land, about 45 KMs from Bengaluru on the Bengaluru-Mysore National Highway 275. The library is housed in a separate building with a separate Issue, Reference and General Reading Room Sections with a sufficient collection of books and subscribed to the e-Journals through VTU Consortia. Hostel facility for about 600 students is provided in the campus with separate Hostel for Girls. The College has Excellent Sports facilities for students including gymnasium.

## DEPARTMENT OF CSE

Our vision is to establish a globally recognized academic center of excellence in Computer Science & Engineering, focused on teaching, learning, research, and innovation. We aim to provide high-quality education grounded in fundamental principles, while continuously updating curriculum and teaching methods to enhance the educational experience. Through active research and collaborations with leading institutions and industries. Additionally, we are committed to fostering innovation and entrepreneurship, contributing positively to society.

## WHY PARTICIPATE IN HACKATRONICS?

Unleash your creativity, tackle real-world challenges, and showcase your technical skills. Network with peers, learn from experts, and compete for exciting prizes. Join Hackatronics at Ghousia College to innovate, collaborate, and elevate your career!

**Code to Transform, Innovate to Inspire**



# OVERVIEW OF Themes:

SCAN



## WEB DEVELOPMENT

Build modern, responsive websites or progressive web apps (PWAs) that solve specific problems or enhance user experiences.

## SUSTAINABILITY AND GREEN TECH

Solutions that promote energy efficiency or environmental conservation.

## HEALTHCARE INNOVATION

Applications or tools to improve medical accessibility, diagnosis, or patient care.

## AI/ML AND AUTOMATION

Intelligent systems for automation, prediction, or data analysis.

## EDTECH SOLUTIONS

Platforms or tools to enhance learning experiences.

## SMART CITIES AND IOT

IoT solutions for urban infrastructure, transportation, or energy management.

## >Registration Fee<

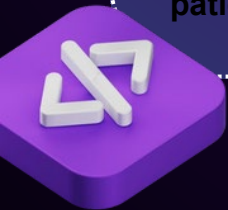
Rs 400/-per team  
3-4Members



Rs 5000/-



Rs 2500/-



# IMPORTANT DATES

MARK  
YOUR



**27-11-2024**  
REGISTRATION OPENS

**27-11-2024**  
PROBLEM STATEMENTS &  
PPT SUBMISSION OPENS

**04-12-2024**  
REGISTRATION CLOSES

**03-12-2024**  
PPT SUBMISSION DEADLINE

**03-12-2024**  
ANNOUNCEMENT OF  
SHORTLISTED TEAMS

**03-12-2024**  
PAYMENT PERIOD

**04-12-2024**  
HACKATHON EVENT

# HACKATRONICS TIMELINE

4th DEC



## Additional Activities



### Panel Discussions

Engage with industry leaders and explore the latest trends and future possibilities in tech, healthcare, and AI.

### Networking Sessions

Connect with mentors, industry professionals, and fellow tech enthusiasts, building a network of like-minded innovators.



### Code Challenges & Tech Quizzes

Test your skills with coding challenges and quizzes for a chance to win prizes, exclusive goodies, and enjoy an exhilarating air show!



## CONVENER

Dr. Dilshad Begum - 9886699738  
HOD, CS&E Dept.

## FACULTY INCHARGE

Dr. Omar Khan Durrani -9986628813  
Mr. Ibrahim Khaleelullah -9739030453

## FACULTY COORDINATORS

Mrs. Zahra Amreen -9620784424  
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## STUDENT COORDINATORS

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## CONTACT US



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