

**Gopalan college of Engineering and
Management, Bangalore**



A

Report on

“GETOCS V2.0”



Tech-Fest

Hosted by

Electronics and Communication
Department

The EC department conducts “GETOCS V2.0” Department level contest with multiple technical events, this year GETOCS V2.0 received an overwhelming response in all its events and was a magnificent success.

The motive of this event is to develop various skills of students in Co-Curricular activities and to expose them to the current trends in the technical and professional fields.

Getocs includes various events like:

- **Technical Paper presentation**
- **Technical debate**
- **Circuit debugging**
- **Technical Quiz**
- **Line follower**
- **Project Exhibition**

“Paper Presentation”

"Paper Presentation" is a technical event conducted on 16th June 2022. This event is all about how to manage the chosen topic with their presentation skills in front of an audience, with this to enhance command over language and quick ability to answer question raised by the audience.

We received total 8 groups with minimum 2 members in each group for this event. As this event enhances student's presentation Skills and in-depth understanding of the chosen topic. Total 16 students participated in the event. Students presented on various topics from areas of embedded, communication etc.

The co-ordinator of this event is Dr.Kavitha M V, Assistant professor, Dept.of ECE .



“Technical Quiz”

The aim of this competition is to evaluate the knowledge of the students within academics as well as beyond academics and to make them familiar with the prospects of quizzes and the objectivity of the questions.

The Department of Electronics and Communication Engineering, GCEM, Bangalore organized a “Technical Quiz” on 16th June 2022. The students were engaged in challenging and thought-provoking questions. The main purpose of the competition is to develop interest in subject areas of Electronics and Communication including competitive aspects. The contest was open for graduate and postgraduate students. Rules and regulations of the quiz were explained at the beginning. The competition includes objective questions which engaged the students for one hour. There were a total of 18 students. Winners were selected based on the evaluation criteria. Certificate and Prize money were provided to the participants.

The co-ordinator of this event is Prof. Senthil Kumar, Assistant professor, Dept.of ECE .



“Technical Debate”

ECE department conducted a Technical debate competition on Theme “**Artificial intelligence- Boon or Bane**” on 16th June, 2022 at Civil drawing hall, from 2:00 PM to 4:30 PM. The aim of organizing debate competition was to hone the public speaking skills of the students and teach them to be articulate while expressing their thoughts and opinions. The session was the kaleidoscope of opinions, thoughts and perspective that enhanced the knowledge and understanding about the a Artificial intelligence among students.

To begin with, each participant spoke their mind on the rationale for, the execution of and the potential future effects of Artificial intelligence.

The event was judged by Dr. Karunamoorthy R and Prof. Prakash Wodayar .There were 20 students participated in this event with great enthusiasm.

The co-ordinator of this event is Dr.Deepa A, Assistant professor, Dept.of ECE.



“Circuit debugging”

ECE department conducted a Circuit debugging competition on 17th June, 2022 at Room no.203 and ECE lab from 12:00 PM to 2:30 PM. Circuit debugging is to encourage the students to participate in an interdisciplinary event and to debug circuits to solve problems. The outcome of this event is to apply the basic principles of electronic circuits and debug circuits and arrive at a solution and Encouraging Team Work.

The event had several groups of participants from various branches and batches. The event consisted of two rounds, round one consisted of a quiz where the groups had to answer 20 questions and the top 5 teams would qualify to the second round. In the second round, the participants were given a scrambled circuit and the participants had to fix the circuit and produce the required output wave. The output wave was to be verified and the qualifying teams were given prizes. In conclusion, this report would like to state that the event was in overall a success; the participants enjoyed the participation. The organizing team was pleasantly surprised to enthusiastic feedback from the participants.

The co-ordinators of this event is Prof. Supriya K, Assistant professor, Dept.of ECE & Mr. Naveena nesan



“Line follower”

This competition is based on “How to make line follower Robot”. This robot is an automated guided vehicle, which follows a visual line embedded in the floor. Usually, the visual line is the path in which the line follower robot goes and it will be a black line on a white surface, but the other way (white line on a black surface) is also possible.

This event is focused on to gain students’ understanding of automation by making automatic Robot quickly using Arduino. For that information is provided in a systematic way.

The co-ordinator of this event is Prof. Archana M K, Assistant professor, Dept.of ECE



“Project Exhibition”

Project exhibition for final year students along with mini project exhibition was conducted on 17th June 2022. Inauguration of project exhibition started at 2.00pm in ECE Dept corridor in the esteemed presence of chief Guests along with the Principal, HOD, staff and students of ECE department. The judge invited to evaluate were 1. Prof. Prakash Wodayar. 2. Dr.M S Suresh 3. Dr. G Ramesh . The students exhibited /demonstrated their working models along with the poster. There were 14 teams with around 3-4 students in a team. The students explained their projects, its implementation methodology and its applications to the judges. The judges selected best three projects. Collected the feedback from the judges regarding the conduction of the project exhibition and quality of projects. The judges addressed the students and provided their valuable insights.

The co-ordinator of this event is Prof. Raja Thejaswini, Assistant professor, Dept.of ECE

