CBIT IEEE RAS STUDENT BRANCH CHAPTER
CODECLASH – COMPETITIVE CODING EVENT

A coding competition, '**CodeClash**', was conducted by the Robotics and Automation Society Student Branch Chapter – CBIT, under IEEE, in associating with the Departments of Electronics and Communication Engineering and Information Technology**, Chaitanya Bharathi Institute of Technology (A)**, Hyderabad, for all programming enthusiasts on 6th November 2022 from 5.00 pm to 7.00 pm online, a coding platform called '**Hackerrank**'. The event was hosted by the technical heads of the executive board of the student branch chapter, along with the Vice-Chair, where they were able to throw a light on the importance of coding in robotics and automation and the software development aspect of the field. A total of **38 teams** (team of 2) registered and participated in the event, with a total of **54 participants** from **Chaitanya Bharathi Institute of Technology (A)**, Hyderabad.

Round 1: Basic programming and coding skills were put to test, with 2 most basic level questions, such as **Data Structures**, like linked list, etc., and the time given was **30 minutes**, i.e., 15 minutes for each question. This round was to test the fundamentals of the programming and how well the students are able to interpret, comprehend and use the primary knowledge required to code as data structures are the foundations of programming. This round was to filter the 38 teams to round 2, where 18 teams were able to solve the both questions and successfully made it to the next round.

Round 2: The questions in this round require experience and intermediate knowledge in programming to test the **problem-solving skills** of the participants. The time given from 2 questions (1 medium level, 1 hard level) was **60 minutes** (30 minutes for each question to solve). Out of 18 teams, 5 teams conquered the round by completely solving both the questions, but only two winning teams were chosen based on the time taken by them for solving both the typical problem-solving questions.

Winning teams:

Position	Team name	Team members	Team member details
1.	Coding decoded	1: Kistappagari Sanketh 2: Peechara Shiva Krishna	3rd Year, CSE-AI&ML, CBIT.
2.	Trie	1: Teja Sai Chenna Malleshwar Rao	3rd Year, CSE, CBIT.