C CODING COMPETITION

Objectives of the Practice

1. To identify potential talents in students
2. To enhance skills by providing learning opportunities.
3. Facilitate community building practice through connecting with peers and mentors.
4. Stimulate innovation thinking to face real world challenges
5. Inspire and encourage students to pursue careers in technology and coding

The Context

A coding competition is an event where Students, often referred to as competitive programmers, are given a set of programming challenges to solve within a limited time. These challenges can range from algorithmic problems, data structure manipulations, to real-world problems that require coding solutions. The primary goals of these competitions are to test problem-solving skills, coding proficiency, and logical thinking

The Practice

Coding competitions often have specific constraints and limitations to ensure a fair and challenging environment for all Students. These constraints vary depending on the competition's format and objectives, but some common ones include Time limit, memory limit, input/output constraints, execution time limit, language constraints and much more.

5. Evidence of Success

The Department of Computer Science and Engineering (CSE) and Department of Artificial Intelligence & Machine Learning (AI-ML) in association with Coding Club were proud to host a coding competition on August 5, 2023. This competition was exclusively designed for 2nd Year CSE and AI-ML students, providing them with a platform to showcase their coding skills and problem-solving abilities. The event aimed to foster a spirit of healthy competition, encourage collaborative learning, and promote excellence in coding within the department. The competition witnessed enthusiastic participation from 2nd Year CSE and AI-ML students. The Students displayed a high level of enthusiasm and interest in solving challenging coding problems. ORGANIZERS Mr. Muralidhara B K: H.O.D, Department of CSE. Mr. Manoj Kumar: Professor, Department of CSE.

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Photographs:

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6. Problems Encountered and Resources Required

Running a coding club can be a rewarding experience, but it also comes with its own set of challenges and resource requirements. Below is an overview of common problems encountered like Skill level disparity, limited resources, issues in managing project and the resources typically needed to effectively manage a coding club. With resources required like proper Internet access, sufficient computer system, educational materials, enough meeting space and sufficient financial resources.

7. Notes (Optional)

Constraints in coding competitions are designed to challenge Students and ensure fair play. Understanding and working within these constraints is crucial for success. By practicing regularly and focusing on efficient coding techniques, Students can improve their ability to handle these constraints effectively.