2. Algo to Code – Competitive Programming

1. Event Name

Algo to Code – Competitive Programming

2. Objective

To test and improve participants algorithmic thinking, logical reasoning, and coding efficiency under time constraints.

3. Overview

Algo to Code is an intra-college competitive programming contest where PMEC students solve algorithmic problems using offline coding environments.

4. Format & Duration

- **Duration:** 1.5 Hour
- **Mode**:Individual (Solo)

5. Participation Details

- **ParticipationType:** Solo
- **Eligibility:** PMEC undergraduate students
- **Number of Problems:** 5 (Easy to Hard)

6. Evaluation Method

All teams submit their solutions at the same time, and all codes are evaluated under identical system conditions.

- **Number of Problems Solved:** Teams solving more problems are ranked higher.

A problem is counted only if all test cases are passed.

- **Execution Performance**: If teams solve the same number of problems, ranking is decided based on relative execution performance of accepted solutions, using a language-neutral comparison to avoid bias.
- **Penalty for Incorrect Solutions:** In case of a further tie, fixed penalties are applied for incorrect submissions.

(Submission time is not considered. This method ensures a fair, objective, and language-independent evaluation.)

7. Facilities & Requirements

- Computer systems
- Pre-installed compilers/IDEs
- Power supply

8. Rules & Guidelines

Internet, mobile phones, and hotspots are strictly prohibited
Offline coding only Any unfair means will lead to disqualification

9. Registration Fee

- ₹30 per participant

10. Prize Pool Distribution

The total prize pool for Algorithm to Code is ₹1,000 and will be distributed as follows: First Prize – ₹500, Second Prize – ₹300, and Third Prize – ₹200.