❖ **Event: BLOCKLY**

Unleash your creativity and problem-solving skills with a fun and challenging Blockly competition! Participants will use Blockly's intuitive drag-and-drop blocks to build programs, solve puzzles, and complete exciting tasks. Whether you're a coding wiz or a complete beginner, this event is designed for everyone to learn, experiment, and have fun!

❖ **Participants: Solo**

❖ **Venue: D-Block**

❖ **Fees: ₹30 per person**

❖ **Main Co-ordinator: Manmohan**

❖ **Faculty: Prof. Mitisha Barot**

❖ **Rules & Regulations:**

- All participants must adhere to respectful and professional conduct throughout the event.
- Organizers reserve the right to disqualify any participant for violating the rules or exhibiting disruptive behaviour.
- Downloading or installing additional software is not allowed (unless explicitly permitted).
- Each participant will be assigned a unique login or identifier for the platform.
- Sharing login credentials or collaborating across teams is strictly prohibited.
- Specific tasks and time limits will be announced before each round begins.
- Participants must complete tasks using only the provided Blockly blocks and functionalities.
- External help (e.g., online tutorials, code sharing) is not allowed unless explicitly permitted for a specific round.
- Each task will be awarded points based on completion, functionality, and creativity.

- Bonus points may be awarded for exceptional solutions or efficient code practices.
- Scoring criteria will be transparent and consistent throughout the competition.
- **Judges' decisions are final.**

❖ Rounds:

- Blockly Basics:

Challenge: Build programs to complete simple tasks like drawing shapes, moving sprites, or playing sounds.
Tasks: (3-4 tasks) Focus on fundamental blocks like movement, logic, variables, and loops.
Focus: Introduce participants to the Blockly interface and basic programming concepts.

- 2. Puzzle Playground:

Challenge: Solve logic puzzles and brain teasers using your Blockly skills.
Tasks: (3-4 tasks) Involve more complex problem-solving and algorithm design.
Focus: Test participants' understanding of programming logic and problem-solving skills.

- 3. Creative Coding Challenge:

Challenge: Create your own unique program based on a specific theme or prompt.
Task: (Open-ended) Encourage creativity, innovation, and storytelling through code.
Focus: Showcase individual creativity and ability to apply learned concepts in a new way.

❖ Event: Codin' Dark

Participants will code with a turned-off monitor, relying solely on logic and problem-solving skills to replicate a given output. This unique event tests your ability to code without visual feedback, emphasizing precision and creativity.

❖ Participants: Solo

❖ Venue: B-Block

❖ Fees: ₹30 per person

❖ Main Co-ordinator: Prachi

❖ Faculty: Prof. Dhruvi Suthar

❖ Rules & Regulations:

- All participants must adhere to respectful and professional conduct throughout the event.
- Organizers reserve the right to disqualify any participant for violating the rules or exhibiting disruptive behaviour.
- Time limits: Strict time limits will be enforced for answering.
- Students are allowed to bring their laptop with them.
- Participants caught cheating will be disqualified from the competition.
- **Judges' decisions are final.**

❖ Rounds:
- ROUND 1: Participants will be provided a turned-off monitor and an output that they must replicate without seeing the screen.

- ROUND 2: Participants selected after passing the first round will be given a turned-off screen and an inverted keyboard on which they must type the code and attain the output.