Department of Electronics and Communication Engineering

Report on "Coding Competition "

The department of ECE has Conducted "**Coding Competition**" on behalf of "**IETE Student Forum (ISF)**" on 15/07/2023. Students of II Year B.Tech ECE were participated in this event.
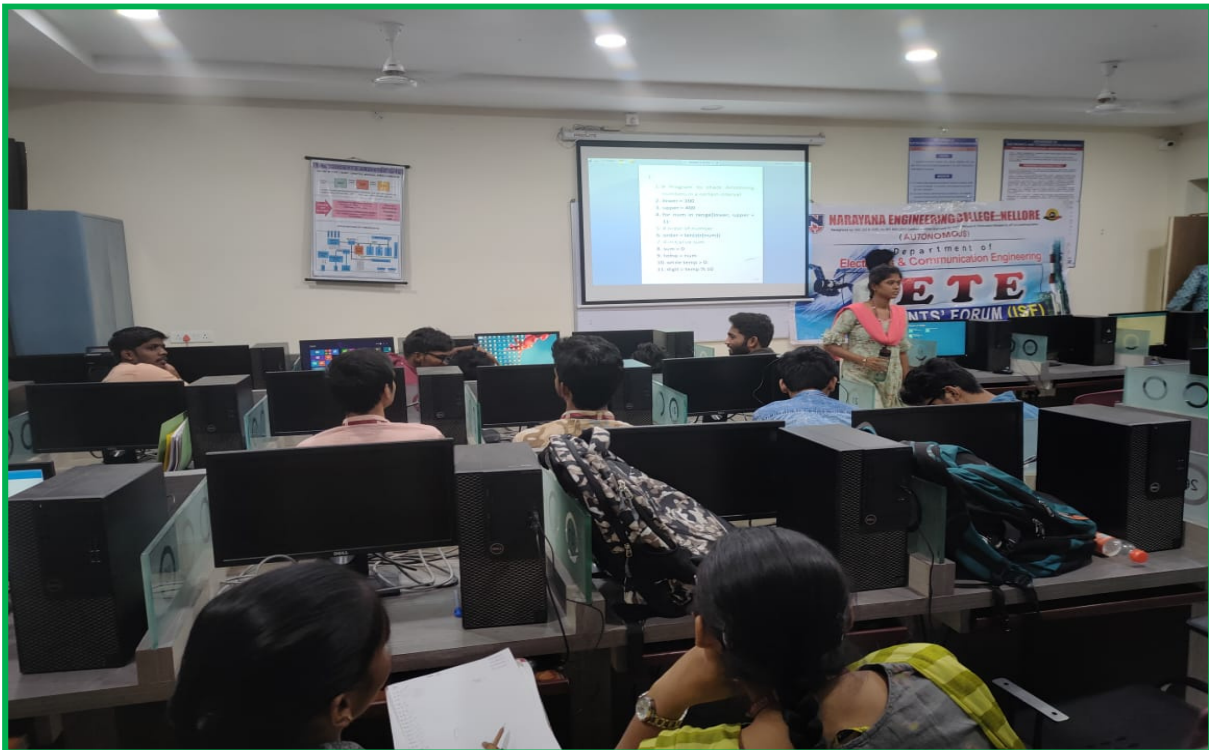
Coding competitions are a great way to improve your programming skills, problem-solving abilities, and to have some fun while competing with others who share the same passion for coding. Whether you are a beginner or an experienced programmer, participating in coding competitions can be a rewarding experience. Here are some tips to help you prepare for a coding competition:

1. **Practice Regularly:** Dedicate time to regular coding practice. Solving various algorithmic and data structure problems on platforms like HackerRank, or CodeChef can help you become more proficient in coding and familiarize yourself with common problem-solving patterns.

2. **Know Your Data Structures and Algorithms:** Ensure that you have a solid understanding of fundamental data structures (arrays, linked lists, stacks, queues, trees, graphs, etc.) and algorithms (sorting, searching, dynamic programming, etc.). These are the building blocks of most coding competition problems.

3. **Study Past Problems:** Look at problems from past coding competitions to understand the types of challenges you might encounter. Analyze their solutions and learn from others' approaches.

4. **Learn from Others:** Participate in virtual contests and discuss problems with fellow programmers. You can join coding communities and forums to share knowledge and learn new techniques from other participants.

5. **Time Management:** During a coding competition, time management is crucial. Practice solving problems under time constraints to improve your speed and efficiency.

6. **Read the Problem Carefully:** Make sure you understand the problem statement before starting to code. Identify the input and output requirements, constraints, and sample test cases.

7. **Divide and Conquer:** Break down complex problems into smaller sub-problems. Solve each part independently and then combine the solutions to solve the main problem.

8. **Debugging Skills:** Practice debugging your code efficiently. When you encounter issues during the competition, your debugging skills can be a game-changer.

9. **Learn Built-in Functions and Libraries:** Familiarize yourself with useful functions and libraries available in your programming language, as they can save you time during the competition.

10. **Stay Calm and Persevere:** Coding competitions can be intense, and you may face challenging problems. Stay calm, focus on the task at hand, and don't get

discouraged if you can't solve a problem immediately. Keep trying and learning from the experience.

Lastly, remember that coding competitions are not just about winning but also about learning and improving. Participate with a positive attitude, and you'll gain valuable skills regardless of the outcome.

Winners List of Coding Competition

S.No	Roll No.	Name of the Student	Prize
1	21711A0435	M. Leela Krishna	**FIRST**
2	21711A0440	N. Hemanth Raj	
3	21711A0441	N. Mahesh	
4	21711A0445	P. Kamal Krishna	
5	21711A0402	A . Raj Akhil	**SECOND**
6	21711A0428	K. Bhashitha	
7	21711A0430	K. Hari Kiran	
8	21711A0431	K. Jaya sree	