



NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College, Affiliated to VTU | Approved by AICTE New Delhi & UGC
Accredited by NAAC with 'A' Grade & Accredited by NBA

Department of Computer Science and Engineering

Event Report

Title	Coding Contest
Date	08-10-2024
Time	1:00 PM-4:00 PM
Venue	CSE Labs
Brief Description with high resolution Photos (Max 2 Photos)	<p>The Department of Computer Science and Engineering at New Horizon College of Engineering, in collaboration with the Computer Society of India had organized a Coding Contest on 8th October 2024 from 1:00 PM to 4:00 PM at the CSE Labs. This contest was open to students from the 2022–2026 batch of Computer Science & Engineering.</p> <p>Objectives:</p> <ul style="list-style-type: none">• To encourage students to apply theoretical knowledge to practical coding challenges.• To enhance problem-solving skills and logical thinking among participants.• To prepare students for competitive programming and coding interviews.• To promote teamwork, creativity, and innovation through coding. <p>Contest Process:</p> <ul style="list-style-type: none">• Number of Questions: 3 coding problems designed to test various programming skills, contributed by industry leaders.• Total Test Cases: 7 test cases across all questions, which participants strived to pass for a high ranking.• Duration: 3 hours, from 1:00 PM to 4:00 PM.• Lab Allocation: The contest was held in the CSE Labs, with systems set up for each participant.• Programming Language: Participants were free to use any programming language of their choice, making the contest accessible to students with varied language proficiencies.• Verification: Invigilators would verify test cases to ensure accurate scoring.• Guidelines: Detailed guidelines have been provided to invigilators on monitoring and evaluating the participants' solutions. Guidelines were

also provided to students, covering contest rules, allowed resources, and submission procedures.

Prize Money: Prize money for the top 5 contestants were as follows:

- 1st Prize: ₹8000
- 2nd Prize: ₹7000
- 3rd Prize: ₹6000
- 4th Prize: ₹5000
- 5th Prize: ₹4000

Ranking Process:

Participants' solutions have been evaluated based on the following criteria:

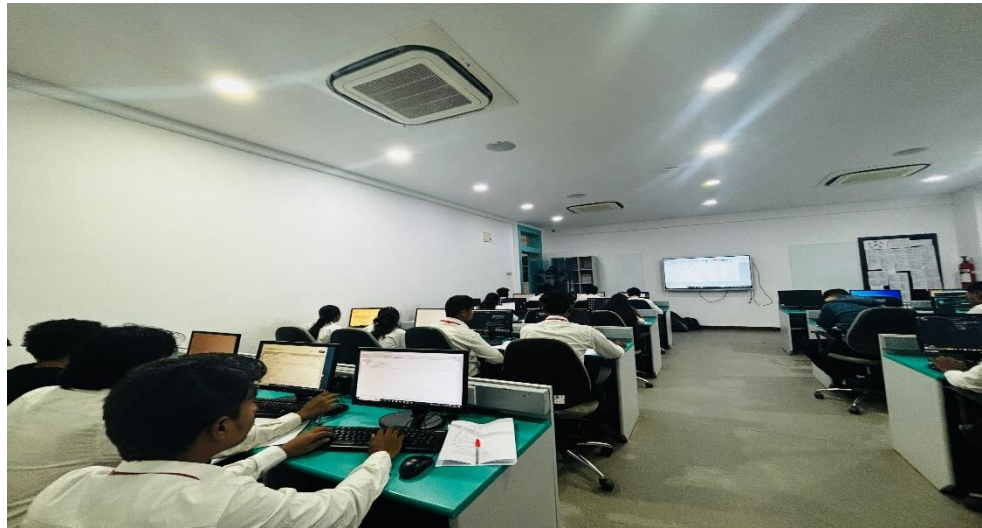
- Number of Test Cases Passed: The primary criterion would be the number of test cases a solution successfully passes. Each problem would have multiple test cases, and the solution that passes the most test cases would rank higher.
- Time Complexity of the Code: For solutions with the same number of test cases passed, the code with the lower time complexity would be ranked higher, ensuring that efficient algorithms are rewarded.
- Timestamp of Completion: In cases where two or more solutions pass the same number of test cases with similar time complexity, the time of submission would act as a tiebreaker, with the earliest submission ranking higher.

List of Winners:

Topper	USN	Name	Section	Prize Mon
1	1NH22CS048	BIPIN SAI SURYA GUTTULA	CSE-A	₹ 8000/-
2	1NH22CS063	DEEPTHANSH M	CSE-A	₹ 7000/-
3	1NH22CS150	NIVETHA MADHAVAN	CSE-C	₹ 6000/-
4	1NH22CS152	AKSHAY REDDY P	CSE-C	₹ 5000/-
5	1NH22CS217	SRIRAM K N	CSE-E	₹ 4000/-

Prize Distribution Ceremony:

The prize distribution ceremony was held on 10th October 2024 in Tejas Seminar Hall. The event was presided over by Principal Dr. Manjunatha, who emphasized the importance of coding skills in securing placements and the value of consistent practice. Dean of Academics, Dr. RJ Anandhi, Heads of the department, Dr. B Rajalakshmi and Dr. Narayana Swamy Ramaiah presented the prizes to the winners, celebrating their achievements and encouraging them to continue honing their skills.



Report prepared by:

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