



Introduction to Competitive Programming

IEEE MVSR SB Computer Society Student Chapter conducted a webinar on “Introduction to Competitive Programming” on 20th April, 2022. The main intent of this webinar was to get the participants acquainted with the world of Competitive Programming.

Student Branch Mentor:

Dr. Atul Negi,
Professor,
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Student Branch Advisor:

Dr. G. Kanaka Durga
Principal and Professor,
MVSR Engineering College.

Student Branch Counsellor:

Dr. D. Hari Krishna,
Associate Professor, EEE Dept.,
MVSR Engineering College.

Student Branch Executive Committee:

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Vice Chair	Mr. K. Uthej
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Women in Power	Ms. B. Rajya Laxmi

WIE Student Branch Advisor:

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CS student branch advisor:

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CASS Student Branch Advisor:

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MVSR Engineering College.

Computer Society:

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Session Details:

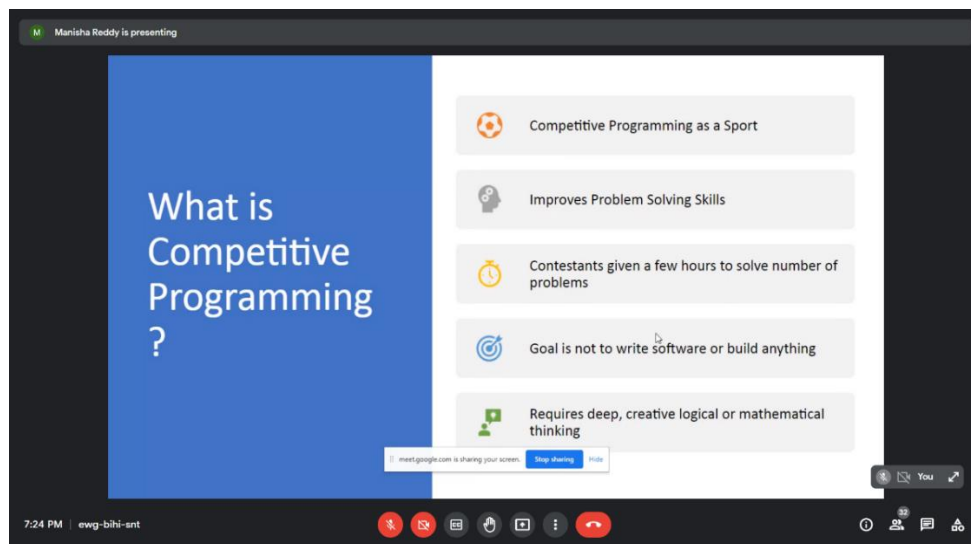
Date: 20th April 2022

Time: 7:00 pm – 8:30 pm

Speaker for the session: Ms. Manisha Reddy Aerra, System Engineer, TechBU
Microservices, TCS

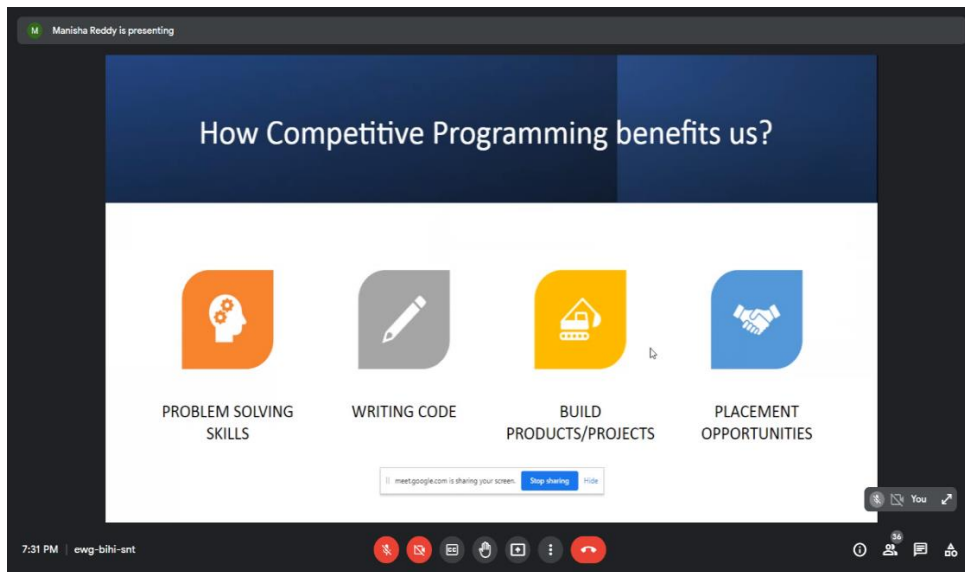
Number of Attendees: 27

The meeting was commenced by Ms. Laxmi Priya Kasi, Chairperson, IEEE MVSR SB CS Student Chapter by welcoming the speaker, attendees and everyone present at the event. Later, Dr. D. Hari Krishna, IEEE MVSR Student Branch Counsellor addressed the gathering and encouraged the students to utilize the various events under IEEE and briefed the upcoming IEEE flagship event Technovanza. Next, Mrs. B. Saritha, IEEE MVSR SB CS Student Chapter Advisor addressed the gathering and mentioned the challenges faced in the shift from online to offline mode. Then, Ms. G. Bhanu Sree, IEEE CS Volunteer introduced the speaker for the day, Ms. Manisha Reddy.



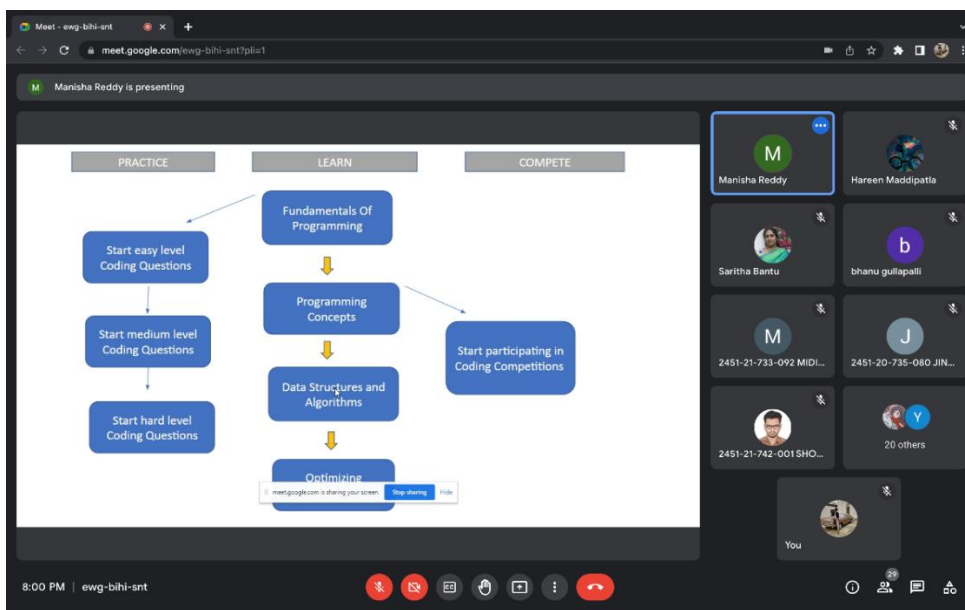
Speaker explaining the main aim of competitive programming

Ms. Manisha Reddy Aerra started her session by explain the purpose of programming in the modern world and the way in which it has become a sport. The speaker explained how programming can improve a person's problem-solving skills. She shared her views on how the goal is to write software and not to build anything. The speaker explained the importance of creative and logical thinking in programming.



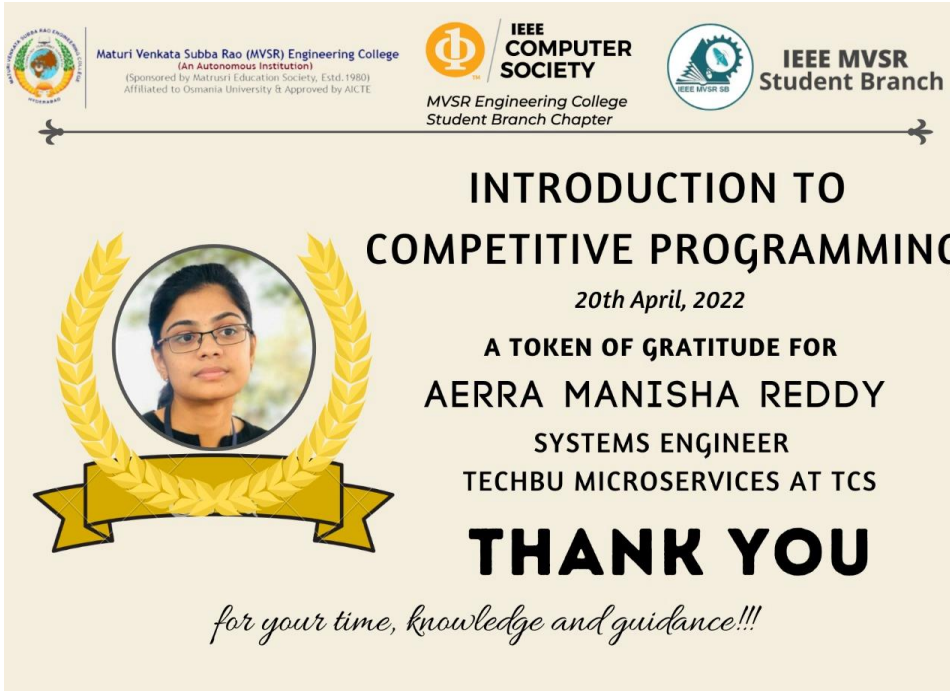
Benefits of Competitive Programming

Later, Ms. Manisha Reddy discussed the numerous benefits of competitive programming. She mentioned that getting used to competitive programming helps the developer build projects more efficiently. The speaker then expressed its importance with respect to placement opportunities and talked about IEEE Xtreme and its benefits.



Roadmap for Competitive Programming

Later, the speaker explained how to start competitive programming to the participants. She explained that the fundamentals of programming along with a preferred programming language is enough to start with the easy questions and with practice the programmer can gradually move on to the more complex questions. She concluded her session by talking about how the knowledge in programming concepts along with data structures and algorithms is all that is required to participate in coding competitions and encouraged the students to do so.



The image is a virtual memento with a light beige background. At the top, there are three logos: the Maturi Venkata Subba Rao (MVSR) Engineering College logo on the left, the IEEE Computer Society logo in the center, and the IEEE MVSR Student Branch logo on the right. Below the logos, text reads: "Maturi Venkata Subba Rao (MVSR) Engineering College (An Autonomous Institution) (Sponsored by Matri Sri Education Society, Estd. 1980) Affiliated to Osmania University & Approved by AICTE", "MVSr Engineering College Student Branch Chapter", and "IEEE MVSR Student Branch". A horizontal line with arrowheads at both ends spans the width of the page. The main text is centered and reads: "INTRODUCTION TO COMPETITIVE PROGRAMMING" in large, bold, black capital letters. Below this, it says "20th April, 2022" in a smaller font. Then, "A TOKEN OF GRATITUDE FOR AERRA MANISHA REDDY" in bold black capital letters, followed by "SYSTEMS ENGINEER TECHBU MICROSERVICES AT TCS" in a smaller font. The words "THANK YOU" are written in very large, bold, black capital letters. At the bottom, a cursive-style message reads: "for your time, knowledge and guidance!!!". On the left side of the memento, there is a circular portrait of a woman with glasses, framed by a golden laurel wreath and a ribbon banner.

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Student Branch Chapter

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**INTRODUCTION TO
COMPETITIVE PROGRAMMING**

20th April, 2022

**A TOKEN OF GRATITUDE FOR
AERRA MANISHA REDDY**

SYSTEMS ENGINEER
TECHBU MICROSERVICES AT TCS

THANK YOU

for your time, knowledge and guidance!!!

Virtual Memento presented to the Speaker

The meeting was concluded with a vote of thanks by Mr. T. Vivek, IEEE CS Volunteer, who thanked the speaker for the day Ms. Manisha Reddy Aerra for her valuable time and to all the participants for attending the event.

**Reported by:
IEEE MVSR SB**