

Report on #CodingWithCoffee

On 8th, 9th, and 10th June, Club Velocity conducted the event CodingWithCoffee Workshop. The event focused on giving exposure to the students of IIIT Dharwad to the world of Web Development. The VP of Club Velocity, Aman Gupta, was the sole speaker for the first two days and also for the first half of Day. Later the event was concluded by the President of the Club, Mr. Nihar Sanda.

LeaderBoard: We at Team Velocity, tried to make this event interesting by introducing a points based leaderboard system, our idea was that 'the participant should get points right from the moment he or she registers for the event.' So being a Web Dev Club, we made a leaderboard website <https://velocityevents.live>

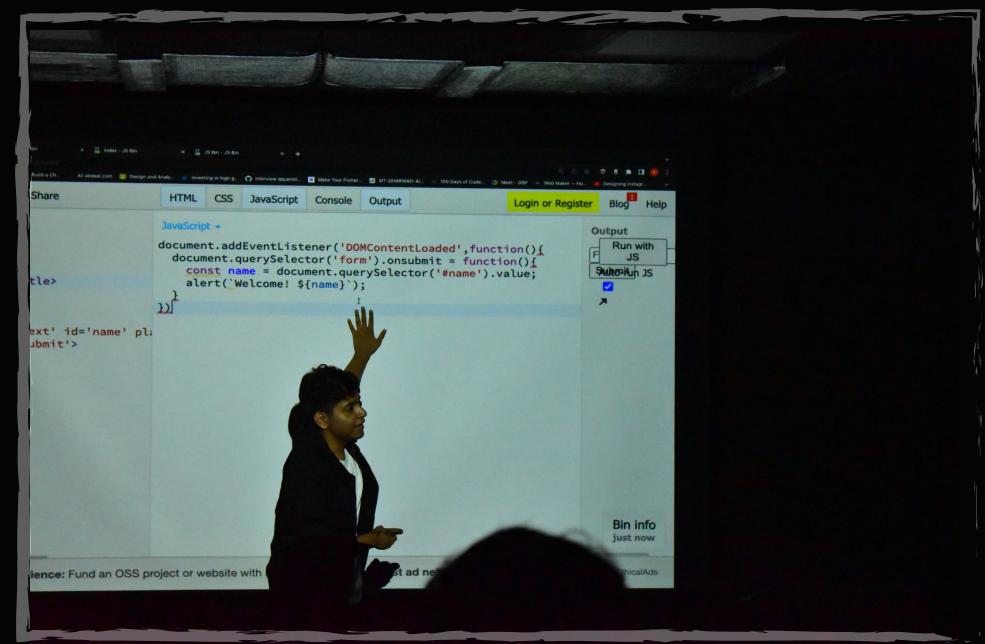
Now, if a new participant registers for the event he/she gets points for that, if participants comes on time, they get points for that, if they stay for the session they get points. To make points keeping easy for us, we made use of QR code.

We also kept challenges right after a particular concept was taught. If the participant completes it within the stipulated time, he/she gets full points for that. Since this workshop was not a competition, we tried to help anyone who was in doubt or was stuck at any step in the challenges. Even if someone could not complete the challenge within the given time frame, he/she was given points based on the accuracy of their work.

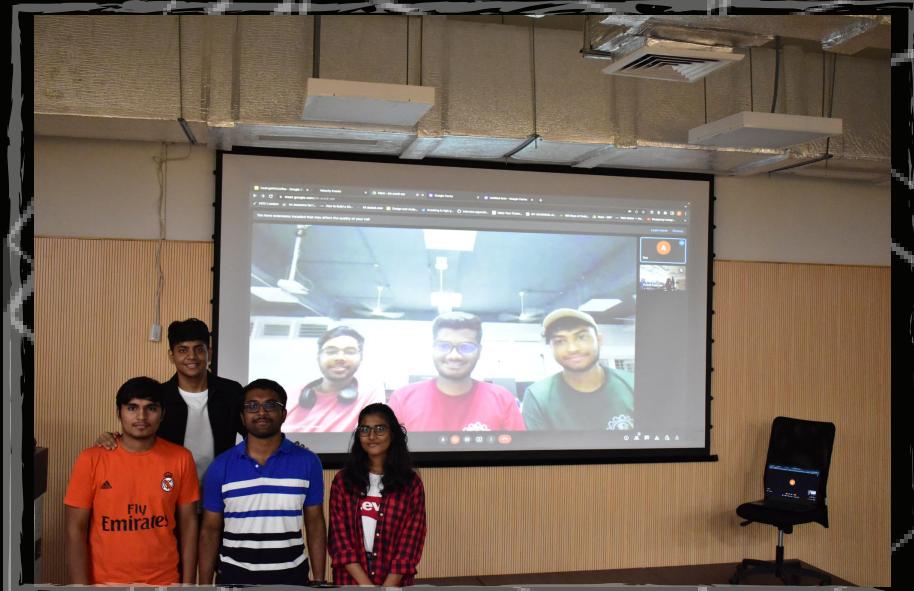
The points based system and Leaderboard largely contributed to the success of CodingWithCoffee.

Coffee: We named the event Coding with Coffee because generally development and Coffee goes side by side. All three days, Coffee was arranged for the participants during the break along with other snacks.

Event: This was the first offline event of Club Velocity, that's why, the team had the aim of teaching right from scratch. The whole content was prepared in a way that the participants got as much exposure as possible within the 3 Day workshop. This whole content was tailored and prepared by the VP of Club, Aman Gupta.



On DAY 3, first half was taken by him whereas the second half was taken by the fellow member of the Team, Pratik Pakhale. Later, on Day 3, the event was wrapped up by the three founding members of Club Velocity namely Mr. Nihar Sanda, Mr. Sanchit Goel and Mr. Gourab Choukrabourty with the token of appreciation for the team and participants. The top performers of the leaderboard were announced by them and prizes were given to them for their hard work and dedication to the workshop.



Content: We, at Team Velocity, planned the workshop content for participants to know the theory behind the workings of the web first and get to implement it right then and there. On Day 1, we began by explaining the basic roadmap, a student needs to follow in order to gain the minimum skills to be called as Web Developer, then we began with HTML(Hyper Text Markup Language) and some basic tags used to structure any website and some Emmet, a tool used in VSCode to code faster. A challenge for the same was given to implement the theory. After the break, we started with CSS(Cascading Style Sheets) used to style the web document to make it more appealing, we introduced some basic but important concepts to the students and later to make it more interesting, we went to the cssbattle.dev to explain the concepts in a fun way.

On Day 2, we continued the concepts of CSS namely: Flexbox and CSS animations. After the break, we started with yet another important language in the world of Web Dev i.e. JavaScript. Not to make things complex, we only taught 5 basic concepts i.e. variable, use of alert(), DOM Manipulation, EventListeners and Template Literals.

On Day 3, in the first half of the event, a recap was done of what was taught and practiced up until now and solutions to some of the challenges were discussed. Later the concept of JS Animations was taught. In the second half of the event, we covered the basics of Tailwind; a CSS library used to make the CSS styling faster and in an efficient manner.