Muffakham Jah College of Engineering and Technology
ACM STUDENT CHAPTER

Events Documentation,

10th January, 2022

Contents

Web Development BootCamp
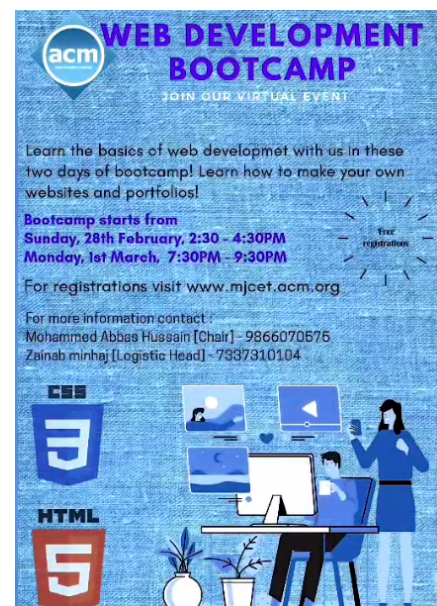## 28th February & 1st March 2021

Web Development Bootcamp was a two day hands on event, platformed online through Google meet. Over 100 participants across MJCET took part in learning Web development through ACM.

HTML (HyperText Markup Language) is the most basic building block of the Web. It defines the meaning and structure of web content. **CSS** is the language we use to style an HTML document. **CSS** describes how HTML elements should be displayed. Both Languages play a major role in Web development. Therefore ACM took up these topics as the base for the WEB BOOTCAMP.

The event consisted of teaching the beginner levels of HTML and CSS by the ACM MJCET excecom, followed by firsthand operations and implementation of those teachings into building a self profile by individual participants. All profiles were closely monitored and sought out by the ACM team to help out the participants into creating a well structured web page.

Registration Fee: Free

No. of participants: 120

Git Going

30th May 2021

ACM MJCET presented the event "GIT GOING", a hands-on event on command line interface, Git, and GitHub. All the functional implementations of the most popular tool for project collaboration were demonstrated.

Github being the largest platform for inter professional project collaborations, it is a well-fended podium that is an immense requirement for students to traverse and explore to properly maintain their projects and collaborate with their peers. ACM MJCET provided an audience of over 100 students with all the essential knowledge and setup for them to get started with Git.

The event was based on Command Line Interfaces, Git and GitHub. And how Programmers, developers and project managers use these tools for collaborating in many organizations.

Registration Fee: Free

No. of participants: 120

Designing Algorithms

22nd August 2021

ACM MJCET called in the special speaker, **Ricardo baeza-yates** to educate students from across India on the topic of **Designing Algorithms**. Since modern computing uses algorithms much more frequently today than at any other point in human history, a field has grown up around their design, analysis and refinement. This is a relatively new field, and the heightened relevance of designing and refining algorithms is a very much a recent phenomenon.

Mr. Ricardo Baeza-yates showcased the functionality and features of several algorithms. It was further discussed the equity of machine learning algorithms in the specific context of the Web, focusing on search engines and e-commerce websites. And the exposure of the different sources for bias on the Web and how they impact fairness was highlighted. They included not only data bias, but also biases that are produced by data sampling, the algorithms per-se, user interaction and feedback loops that result from user personalization and content creation. All these lead to a vicious cycle that affects everybody. This helped the participants to grasp the essential concepts involved in algorithm design and how it can be implemented and applied to a variety of contexts.

About the speaker:

Ricardo Baeza-Yates completed his PhD in Computer Science from the University of Waterloo(1986-1989). He is the founder and Director of Research of OptIA-Public Observatory for Algorithmic Transparency and inclusion.

LinkedIn

Registration Fee: Free

No. of participants: 133

Quantum Computing-*A Revolution in the Making*
28th August 2021

ACM MJCET provided the platform to educate students across India about **Quantum Computing.** *Quantum Computing* is a concept that has grown exponentially and has a large possibility of exceeding current standards of computation and problem solving systems. *Quantum Computing* is the leap forward from our traditional programming language.

Through this webinar the participants learned and explored the revolutionary concepts of the future of computing with the help of our esteemed speakers for the event, San Murugesan.

About the speaker:

San Murugesan completed his PhD in Computers, Automation from the Indian Institute of Science(IISc)(1982-1985). He was a Senior Engineer at the ISRO Satellite center, Bangalore.

LinkedIn

Registration Fee: Free

No. of participants: 100

Mystery Grounds

17th September 2021

This whole event was initiated in the light of coming out from the covid lockdown. 2 Rounds of exciting games were planned out, reflecting teamwork and collaboration spirit. A Cash prize of Rs.2000 was given to the winning team.

Round 1: Family Feud

The first round in the Mystery Grounds was Family Feud. Twelve teams of four participants each competed to answer the most popular survey questions in order to proceed. Six rounds were conducted between two teams each and the winning teams qualified for the next round.

Round 2: Killer Hunt

Under this hunt, ACM MJCET conducted a campus wide killer hunt competition. Students were supposed to find clues distributed throughout the campus. Killer hunt was an interesting game, where the first hint was given to the six teams that qualified for round 2 and these teams had to search for remaining hints and find the killer.

This event was sponsored by iWater.
iWater organizes the unorganized market of water plants by certifying *iWater* standard level in quality.

Registration Fee: Free for ACM members

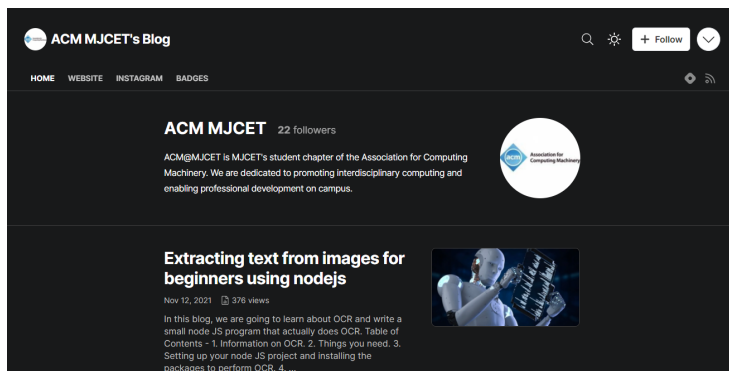Rs.50 for non-ACM members

No. of participants: 48

ACM Newsletter

November 2021 - Present

ACM MJCET*'S* initiative with **Hashnode** Blog Posts provided a gateway for the students to be well acquainted with all the current affairs of the technical cosmos. From effortless coding instances to articles on hyped up themes of the technical world, everything was covered by the *ACM MJCET* team

Our Technical Head, *Syed Zubair*'s article got selected in the top 50 articles of Hashnode's 6th edition under the category of AWS and he also won a cash prize of $50. Along with that, core Team member *Syed Shahzad*'s article on Machine Learning was featured on HashNode twitter due to its readability and technological aspects.

Keeping up with the Technology that has invaded every aspect of our lives is a priority today. To help everyone stay ahead of the world, each week, ACM MJCET publishes these blog posts. As new trends and technologies emerge, these blogs are the key to staying ahead of the curve on the latest advances.

[ACM MJCET's Blog](#)

ACM Garage

ACM provided its core team Members with the opportunity to develop and build software projects from scratch. All resources and mentorship was provided by the Senior EXECOM members of the team in several topics of exploration, such as android development, flutter, computer vision etc.

Within a month all the members were guided into building projects and presenting a seminar regarding their selected topics for the project. These completed assignments provide a benefit towards strengthening resumes of the students, as well as prove beneficial in learning and application of real time working projects in the professional scope.

ICRISAT Trip

22nd December 2021

To honor the occasion of **Kisan Diwas**, *ACM MJCET* organized a visit to **ICRISAT Campus** on the *22nd of December, 2021*.

ICRISAT, is a non-profit, Non-Political Public International Research Organization that conducts Agricultural Research for Rural Development.

The session started with an introduction about ICRISAT and its avant-garde research and development programmes taken up to improve food production around the world. On arrival, the members were given a session by Mr.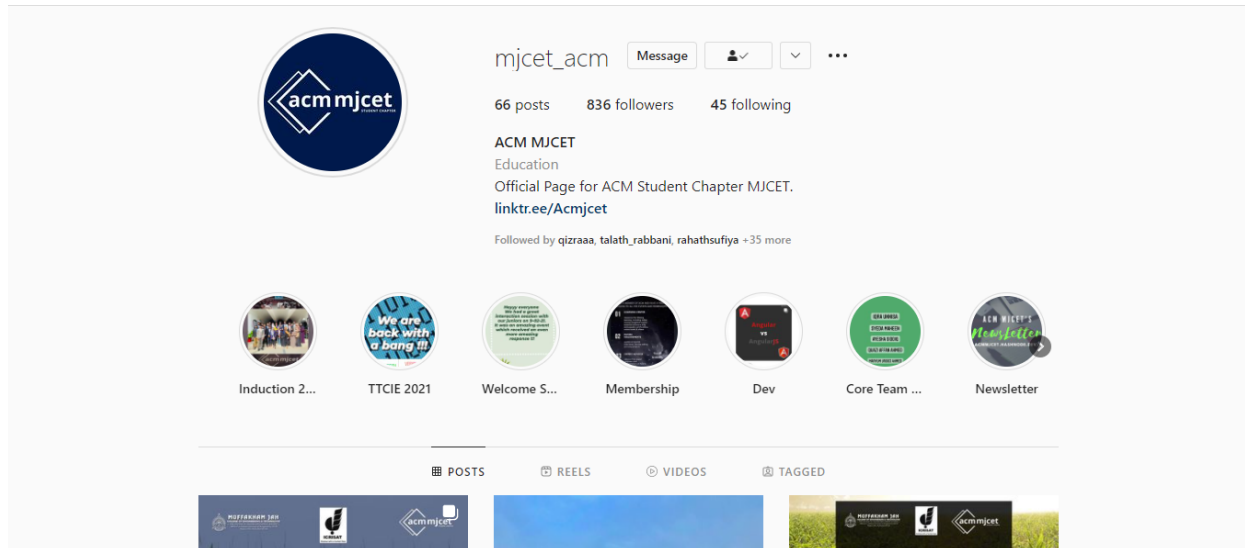 Arun Balamattti, Senior Manager where he educated us on agricultural research and development and activities of ICRISAT. Going further, Mr. Balamatti took the members on a field trip to observe various strategies applied by ICRISAT to improve the yield of plants such as millet and rice. He explained about various factors which have to be considered and measured with utmost accuracy to get the best yield from the crops. The members were pleasantly surprised to hear that farmers of our country are now utilizing the various modern technologies to check soil and land suitability, crop improvement and water harvesting. It was quite an exciting trip and the students gained first-hand knowledge of the functioning of the sustainable farming models.

Registration Fee: free for ACM members

No. of participants: 60

Student Interactions

ACM MJCET engages with students of the college to guide, counsel and help them in any way possible. Our senior EXECOM members interacted with the freshly admitted future engineers to guide them through their new phase of life. During the induction program the members highlighted previous achievements along with the future plans that ACM holds.

To better engage with students ACM used social media platforms to bring a larger audience to their virtual events. Currently ACM MJCET holds 800+ followers on their Instagram handle. These platforms are also used for providing specific knowledge through posts and resources to the online audience. ACM MJCET also maintains their own website to convey any major upcoming activities as well as provide a brief history of all the events previously conducted.

MEMBERSHIP DRIVE

Interviews were conducted across all branches of MJCET during the month of June to assemble a new core team for different portfolios such as marketing, events and logistics etc. and after a challenging recruitment process , 20 skilled members were selected to represent **ACM MJCET**.

Then during the month of December, The students of *MJCET* were presented all the previous events conducted along with the upcoming exciting plans of ACM MJCET, during their Induction Program. The team then coordinated to recruit ambitious students for a local membership to allow them to be a part of the events. These students are given the benefit of attending all the events and projects conducted by *ACM MJCET* for free of cost.

ACM MJCET helps strengthen the computing profession's collective voice through strong leadership, promotion of the highest standards, and recognition of technical excellence. It supports the professional growth of its members by providing opportunities for life-long learning, career development, and professional networking.
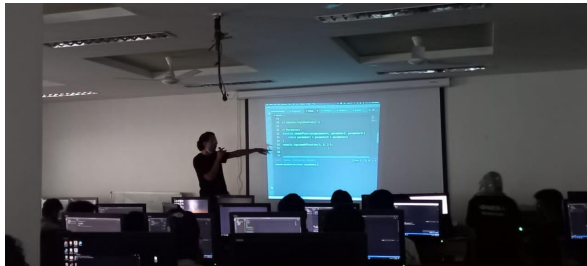
JAVASCRIPT GARAGE

4th January 2022

ACM MJCET conducted the first event of

JavaScript Garage, a Series of workshops where you get a Hands on experience on JavaScript.

JavaScript 101, An Introductory workshop where the basics of JavaScript were taught from scratch by our core team members.

JavaScript is a powerful and flexible programming language. This was a golden opportunity for those who wanted to kick-start their programming journey with JavaScript.

It was an interactive workshop where the participants learned JavaScript through hands-on session, games and much more.

Over 70 students from all the four years , various branches and colleges attended this workshop.

The winners of the quiz that was conducted at the end of the session were given cash prizes.

This was the 1st workshop of the **JavaScript Garage** series.

Registration Fee: Free for ACM members

                       Rs.50 for non-ACM members

No. of participants: 70