

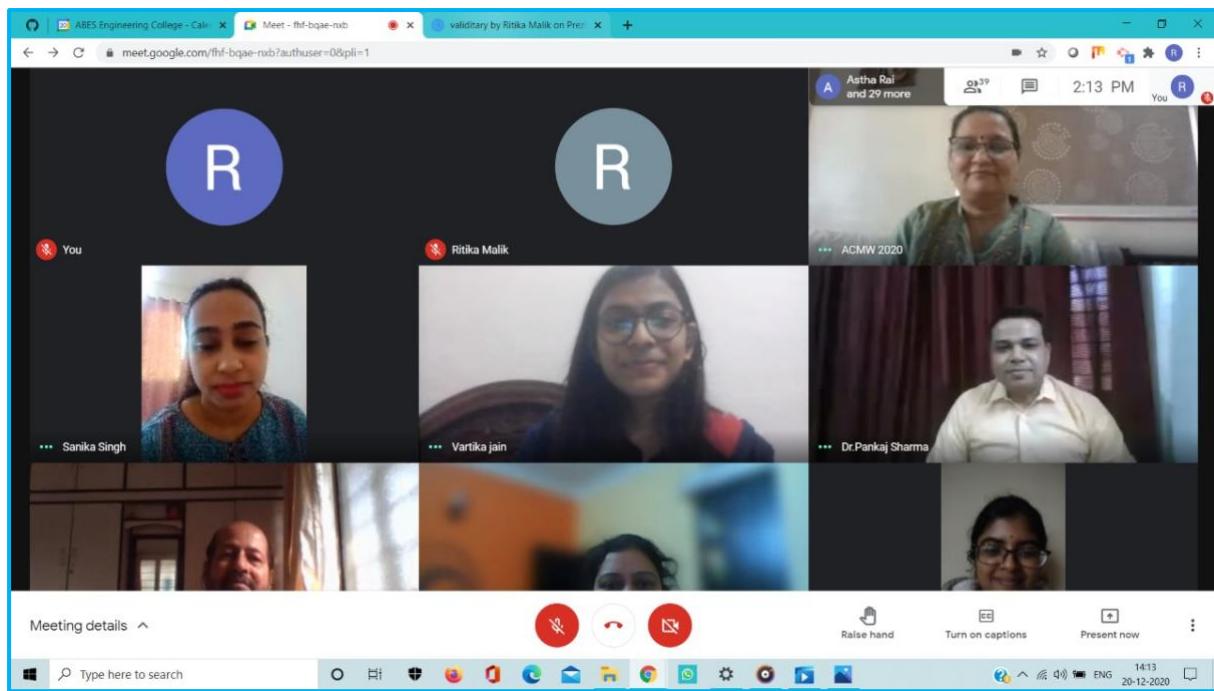
5th ACM-W India National Level Virtual Hackathon 2020

19th -20th December, 2020



5th ACM-W India National Level Virtual Hackathon 2020 started with an ideology to support and motivate the girl students in the field of Computer Science. Initially, it was supposed to be in offline mode but the pandemic situation brought new challenges to overcome and it was finally decided that it will happen in online mode. This event was successfully hosted by ABES Engineering College, Ghaziabad. In this virtual hackathon there were three rounds. First was the idea selection round where the teams from all over India were asked to present their ideas/solution for a problem based on the given theme of 'SELF RELIANT INDIA' with various domains such as Healthcare, Education, Finance, Agricultural and Social Innovation. The entries for this round were initially accepted from 1st October 2020 to 25th October 2020 and due to the popular demand, the deadline was extended to 30th October 2020. For the first round more than 75 entries we received. From which only 20 teams were shortlisted for the 2nd round which was the interview round. In this round the selected teams had to explain their idea/project to a panel of judges from which 10 teams were supposed to be selected pan India. This round was organised on 22nd November, 2020 and for this round we had 16 judges from the various industries, different ACM chapters and from ACM Student chapter and ACM-W student chapter of ABES Engineering College, Ghaziabad.

On 19th December 2020, the final round started with the inaugural ceremony which was addressed by Mr. Chandrashekhar Sahasrabuddhe (COO, ACM India) followed by Dr. Heena Timani (Chairperson, ACM-W India), Dr. Shailesh Tiwari (Director, ABESEC) and Dr. Pankaj K. Sharma (Head, CS Department, Faculty sponsor ACM ABES Chapter). This inauguration ceremony was concluded by Ms. Madhuri Gupta, Faculty Coordinator, ACM-W ABESEC Chapter followed by a vote of thanks by Ms. Sanika Singh. Finally, the hackathon began with the selected top 10 teams.

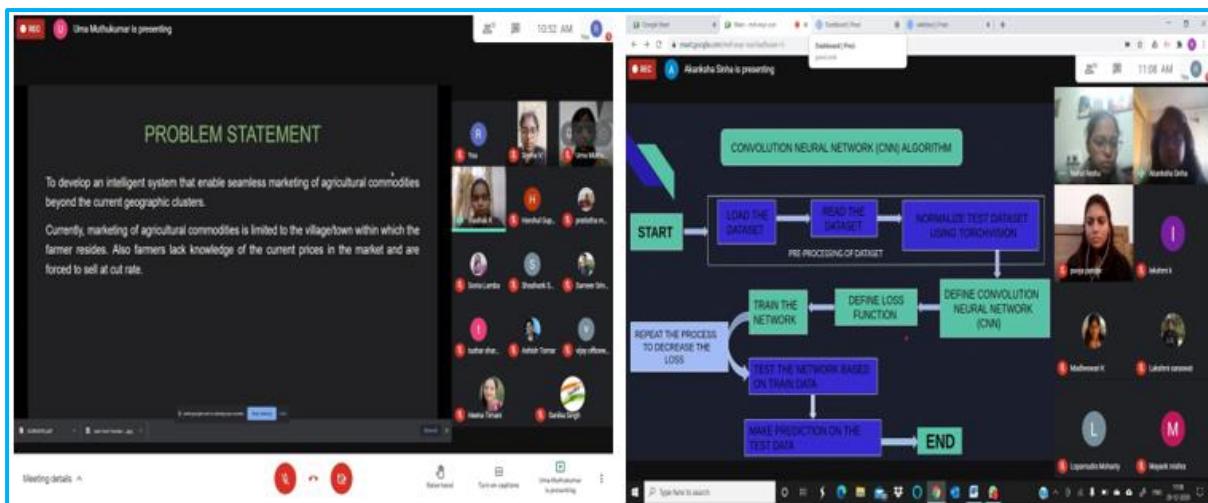


Glimpse of Virtual Inaugural Function of Hackathon

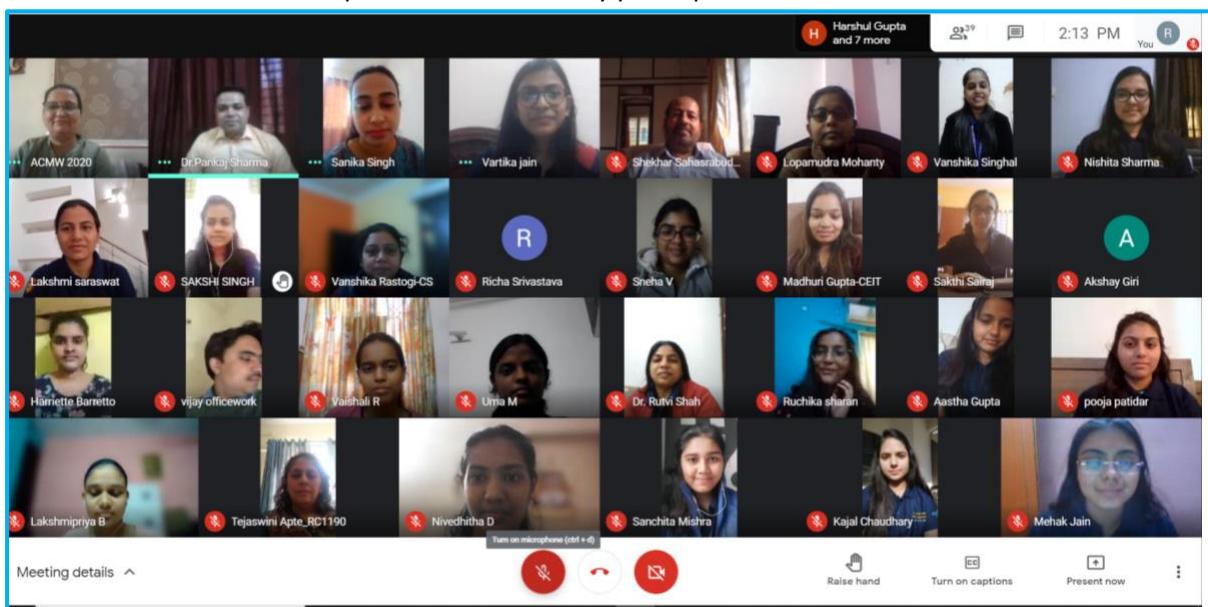
They were asked to develop a solution on a problem statement that was allotted to them on 19th December 2020. Problem statement of hackathon are listed below.

Team Name	Problem Statement No.	Problem Statement
Edu-battel -Sakshi Singh	12	Spam SMS filtering
Error-404-Sanjana Jain	1	System for prescribing drug in hospitals and its or its substitute availability in the medical shops of the area/ city.
Three Bytes -Sneha V	4	Intelligent System to enable seamless marketing of agriculture commodities beyond the current geographic clusters.
Albatross -Ruchika Sharan	10	A System for Detection of Corona Virus in Human Body using Artificial Intelligence.
Farmer_Fellas -Shubhagya Swaraj	11	System which incorporate disruptive innovation for women empowerment.
Jaya -Janhvi Singh	6	Detecting Fake News on Social Media using Supervised Learning
SHE-Unit -Michelle Barbosa	19	Customer requirement analysis using User Generated Content
Noob Force -Nidhi Jain	15	Disease Prediction using patient treatment history and health data
Ode to code -Akanksha Sinha	7	Detection and prevention of road cracks for autonomous vehicles
Technocrats -Lakshmi Priya B	17	Gesture recognition for Human Computer Interaction
Kaastha -Aastha Gupta	14	Smart EVC (electronic verification code) with Aadhaar based OTP for Simplification of e-tendering process.

On the same day, there were two mentoring sessions for each team, to help them with the problem statement followed by one evaluation session on the same day. For refreshment purpose a cultural program was even organised on 19th December 2020. After continues coding for 24 hours the teams were ready with their project. By the end of the hackathon i.e. on 20th DECEMBER 2020 teams were supposed to submit a 3min video illustration of their project and after that a final evaluation was conducted with panel of reputed judges.



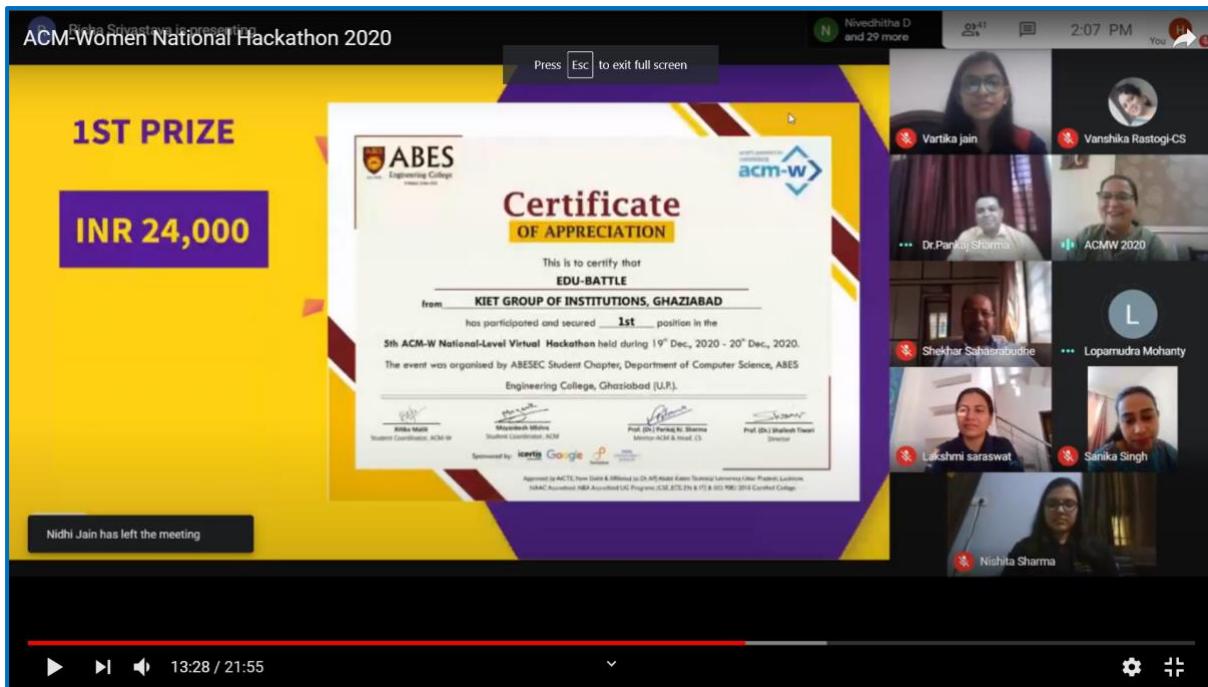
Glimpse of Presentation by participants of Hackathon



Glimpse of valedictory ceremony and prize distribution of Hackathon

The valedictory ceremony was initiated by Ms Ritika Malik, Faculty Sponsor of ACM-W ABESEC student Chapter with a small briefing of the entire event. Hackathon winners were announced by Dr. Heena Timani, Chairperson ACM-W India.

1st Prize: ₹ 24,000 Team Leader Ms.Sakshi Singh College: K.I.E.T Ghaziabad Project Title: Spam SMS Filtering	2nd Prize: ₹ 15,000 Team Leader Ms. Ruchika Sharan College: IIT Mandi Project Title: A system for detection of corona virus in human body using artificial intelligence	3rd Prize: ₹ 12,000 Team Leader Ms. Sanjana Jain College: ABES Engineering College, Ghaziabad Project Title: System for prescribing drug in hospitals and it's substitute availability in the medical shops of the area/city
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Which was followed address by Mr.Chandrashekhar Sahasrabudhe, COO, ACM India and a vote of thanks by Ms. Sanika Singh, Asst. Professor, ABESEC Ghaziabad, marked the end of the hackathon.