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Vidya Vikas Education Trust's

Universal College of Engineering

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Coffee & Code ;

An Initiative by the Department of Computer Engineering

VISION

To be recognized as a department that provides quality technical education and research opportunities that eventually caters to helping and serving the community.

MISSION

- To groom the students to participate in curricular and co-curricular activities by providing efficient resources.
- To motivate the students to solve real world problems to help the society grow.
- To provide a learning ambience to enhance innovations, team spirit and leadership qualities for students.

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MRS. HEZAL LOPES

In Association with



(Computer Engineering Student Association)

Virtual Power Seminar on "Advanced JAVA"

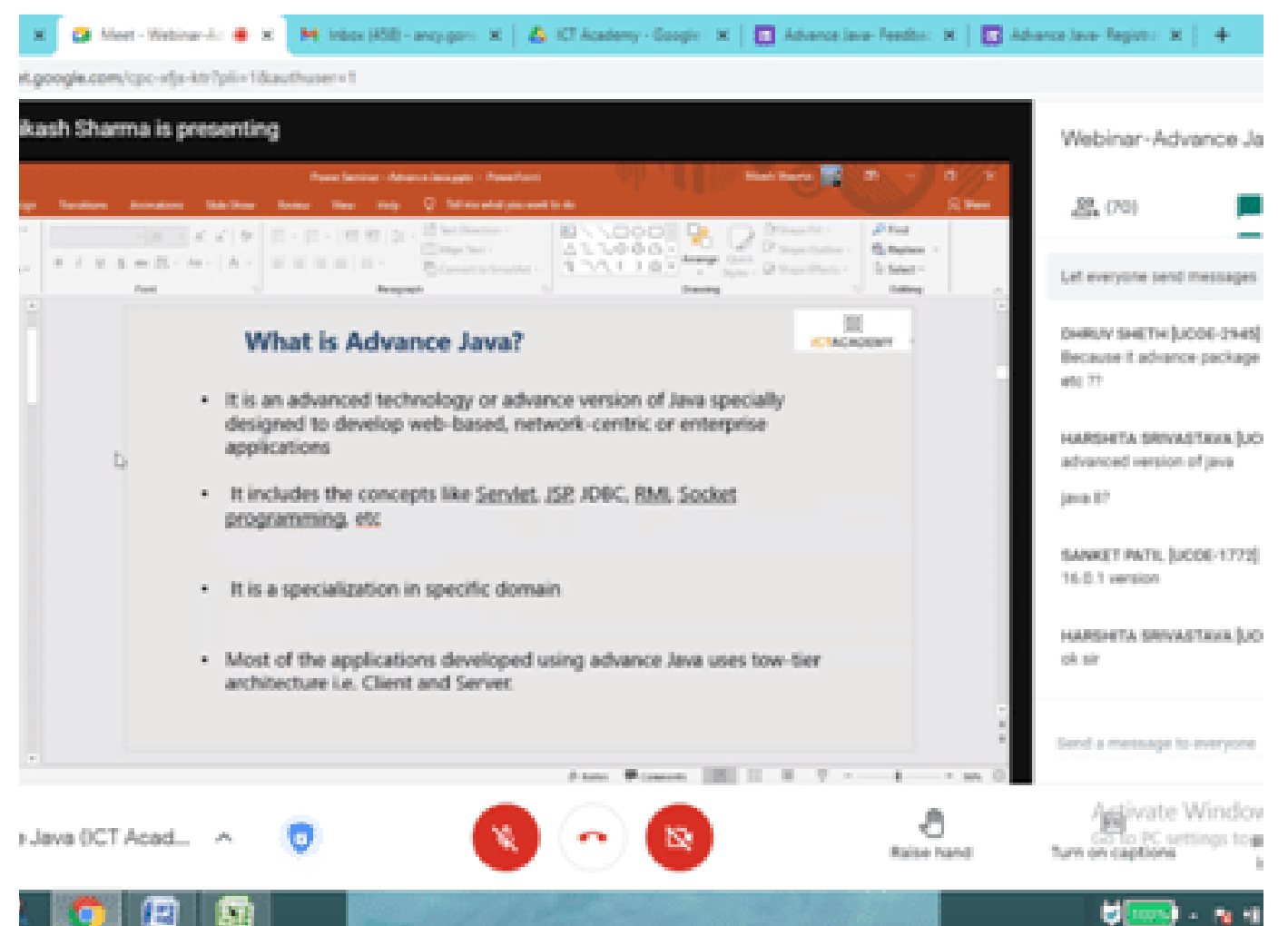
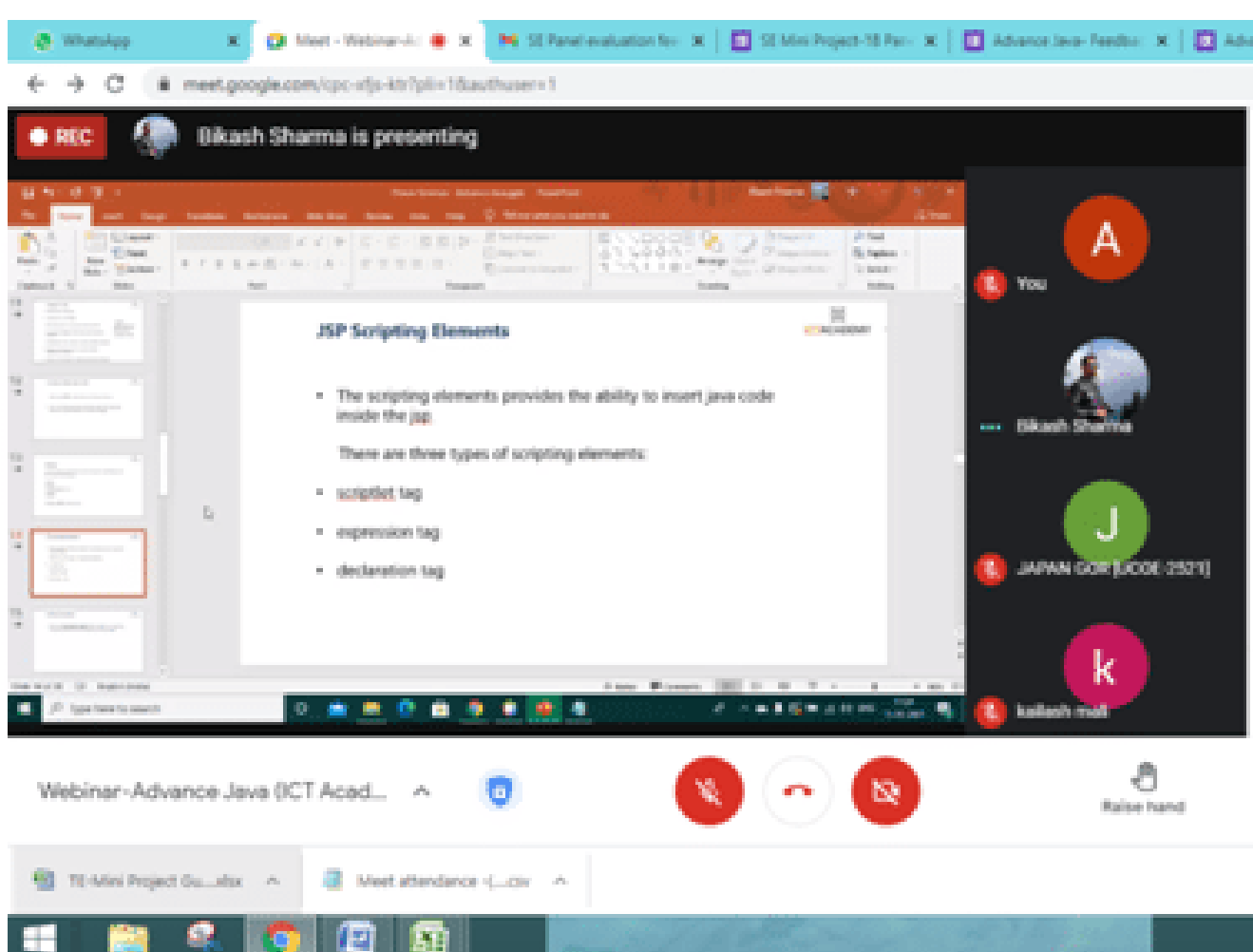
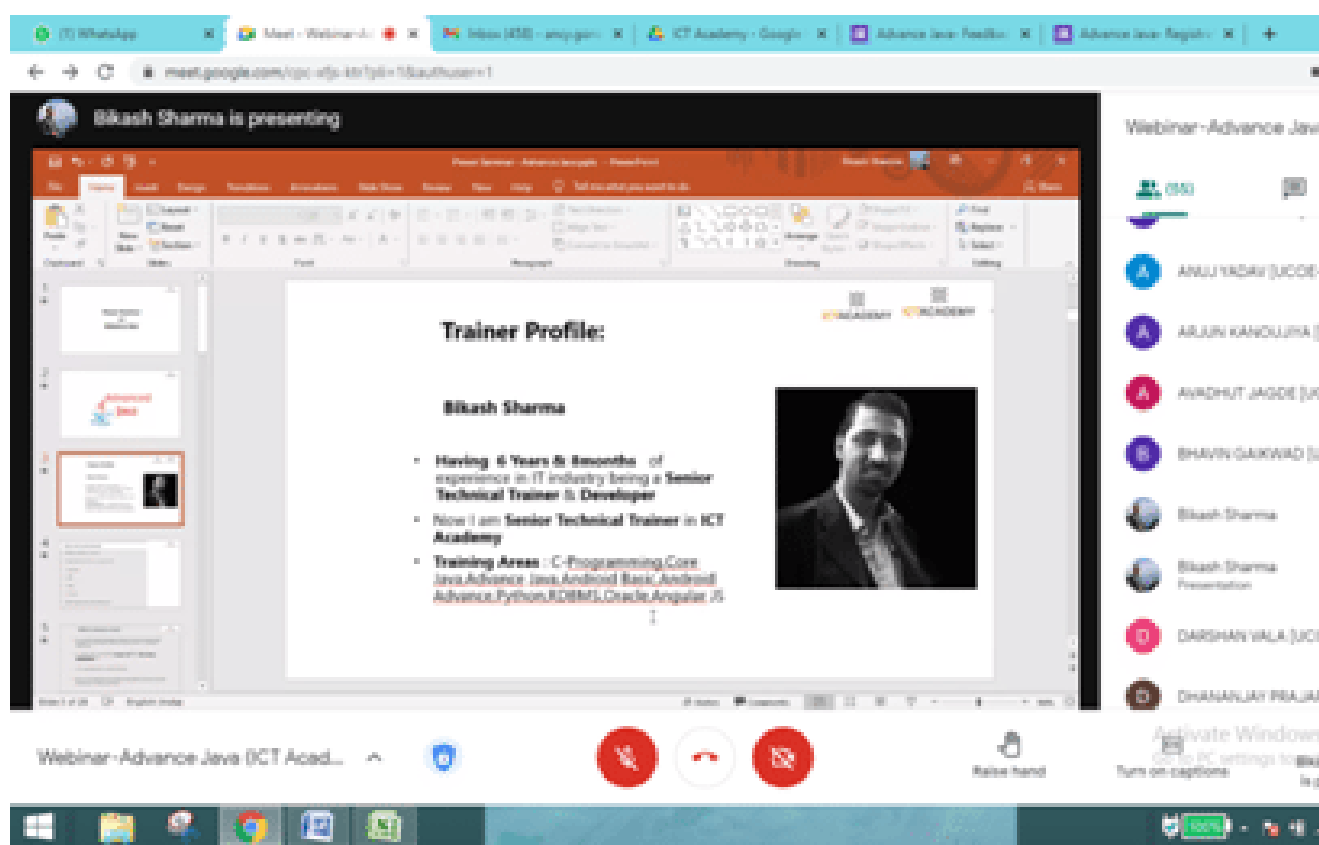
A Virtual Power seminar on 'Advance JAVA' was arranged for SE and TE students on 15th May, 2021 in association with ICT Academy. Total 80 students attended the seminar. The speaker of the session Mr. Bikash Sharma is Senior Technical Trainer & Developer in IT industry and also Senior Technical Trainer in ICT Academy.

Mr. Bikash Sharma initiated the session with introduction to Advanced JAVA concepts and requirement of the same in designing various programs and websites. Further focusing on important points he explained JSP i.e. Java Server Pages. He discussed Life Cycle and Architecture of JSP and talked about the advantages of it. He also showed demo program to run JSP on Apache NetBeans, explaining different tags in JSP. Next topic was JSP Implicit Objects, in which he explained and demonstrated few objects such as JSP page, page context etc. and also showed how to pass data between resources. Later he discussed JSP Directive, its syntax and demonstration of the same.



Focussing on important topic from Advanced Java i.e. Servlet Technology, he gave introduction on Servlets. He continued with advantages of using Servlet, Servlet life cycle, and also demonstrated Servlets by coding small programs. Lastly he discusses importance of advance JAVA concepts in designing Website. He explained stastic vs. dynamic websites and taught Get vs. Post Method, demonstrated both the concepts.

At the end of the session he provided students with various links to study Advanced JAVA concepts and also showed few official websites designed using Advanced JAVA, one of which included homedepot.com. The session ended with question and answer session. It was such a informative and fruitful session through ICT Academy



Session Recording Link : <https://drive.google.com/file/d/1z-PiXKkIBq2trtyQGgXuce87yxZ5LZdl/view?usp=sharing>

Virtual Power Seminar on "Job Readiness in Pandemic"

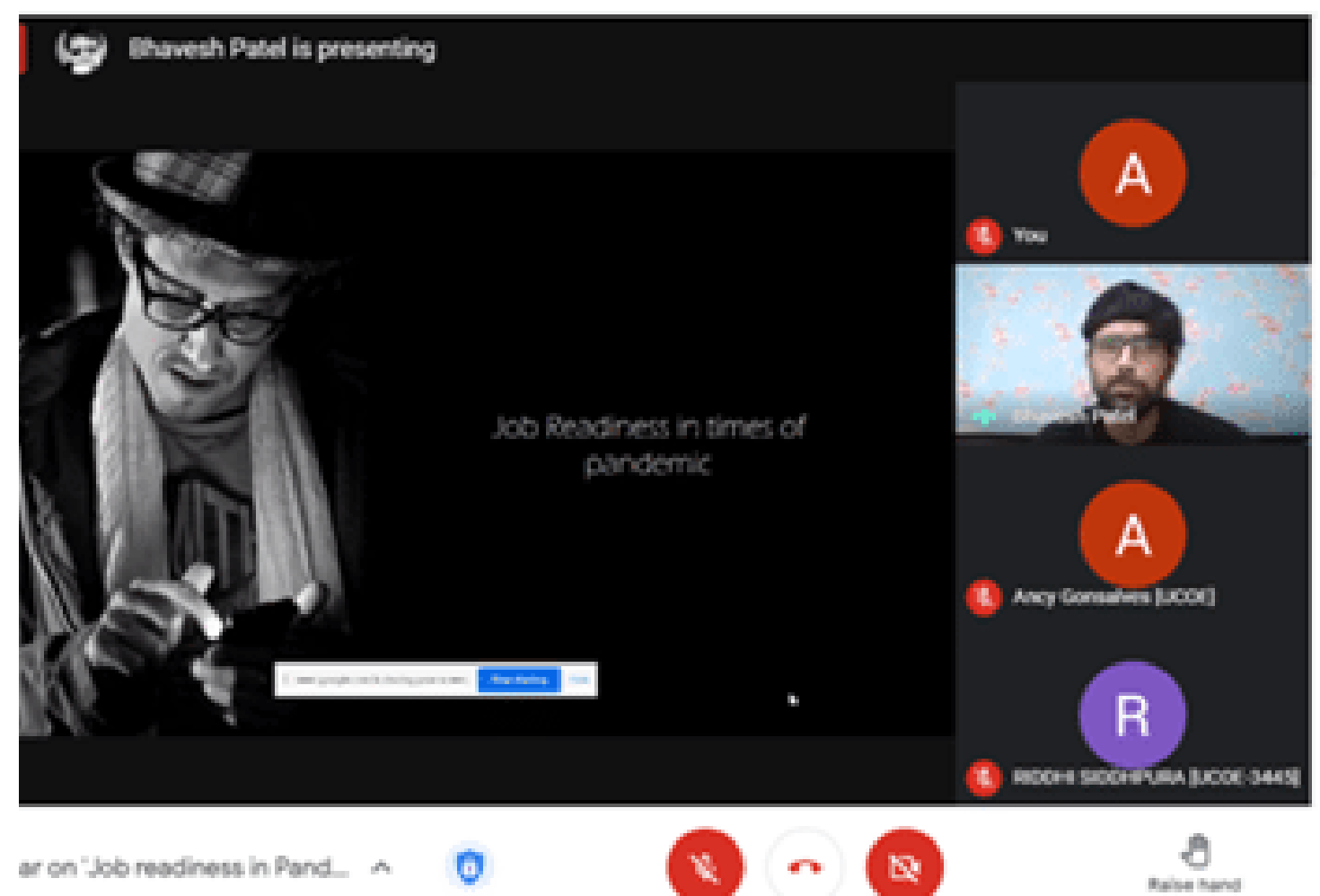
A Virtual Power seminar on 'Job Readiness in Pandemic' was arranged for BE and TE students on 29th May, 2021 in association with ICT Academy. Total 30 students attended the seminar. The speakers of the session Mr. Pankaj Kakkar, is Principal Technical Analyst at Waste Management Gurgaon, Haryana, and Mr. Bhavesh Patel, is Head - Campus Hiring at Wipro Limited, Bangalore.

Mr. Pankaj Kakkar initiated the session with introduction to change in technology over years and especially during the pandemic. He discussed how COVID-19 is the factor who led the digital transformation of a company. He showed how laptop, mobile, internet, time and brain are leading to technology change in current situation. Later he explained CRM i.e. customer relationship management and how it has helped companies to develop over this period of time. He gave example of various CRM's around the world like Microsoft Dynamics, Oracle, Salesforce etc. He continued with Salesforce which is an innovative company which is the best CRM platform. Their software is cloud based which can be used by just logging in. he further introduced various features and services of salesforce. He further guided students about various career paths like developer, business analyst and quality analyst. Later he focused on making students know the importance of 'Learning'. He ended with giving useful links to students to start their journey with Salesforce.



The second speaker, Mr. Bhavesh Patel continued the session by talking about how to be 'Job Ready' in this pandemic situation. He explained the journey of innovation to disruption of various firms. He discusses five trends that are now shaping the future of the work, which are globalization, changing demographics, mobility, new behaviours and technology. He made students understand why new skills are important to learn for change in technology. He further discusses various skills like Virtual reality, Cloud computing, IOT, Robotics, Cyber security, AI etc, as skills of future that are dominated by technology. He exposed students to different career's that are worth exploring such as Data Skills, Artificial intelligence, Block Chain and Sales & Marketing. He focused on various skills that hiring managers look for in a candidate while giving an interview. Lastly is explained how 'Learnability' is much required skill for any person to get into corporate world for establishing one's career.

The seminar ended with question and answer session. It was such a helpful session through ICT Academy during the pandemic.



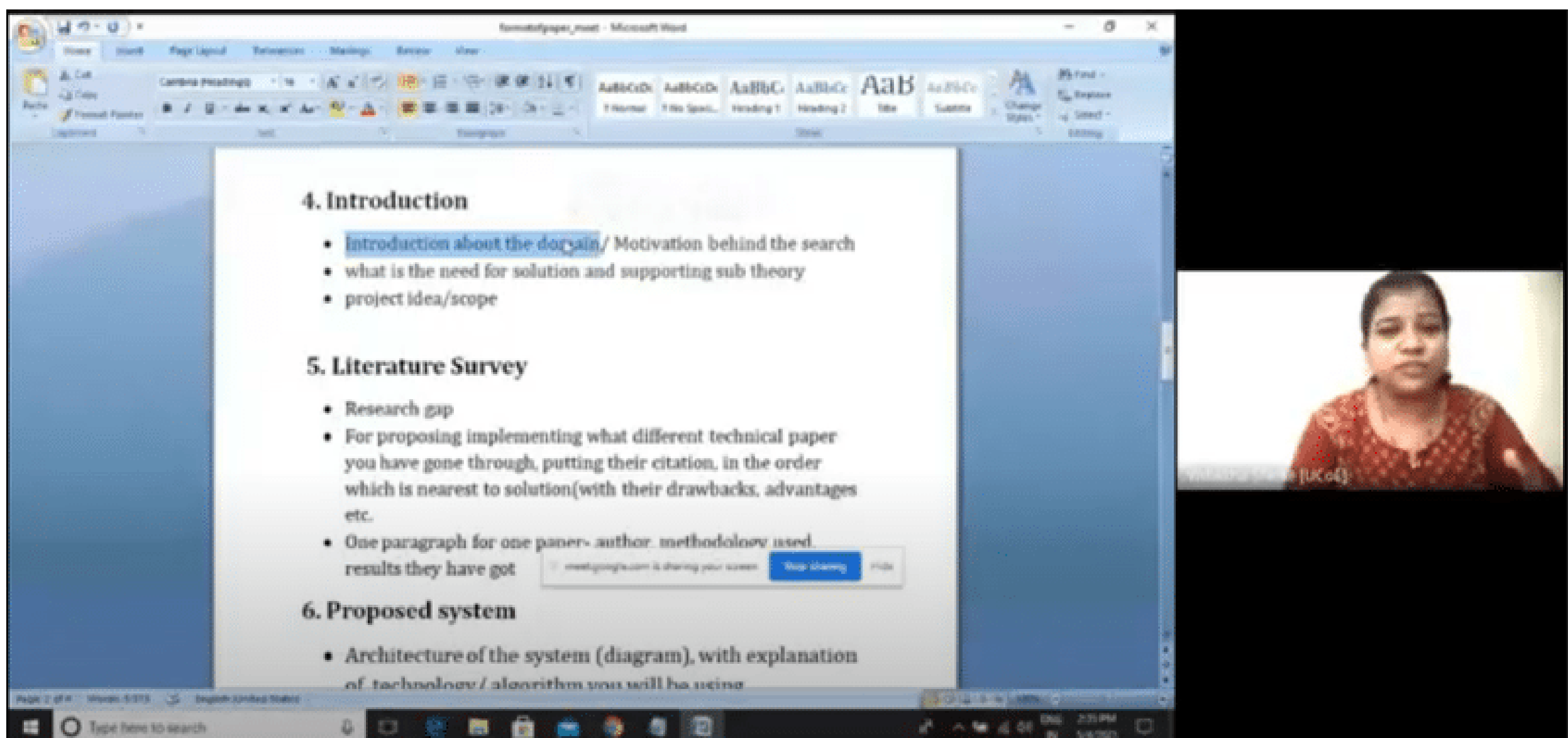
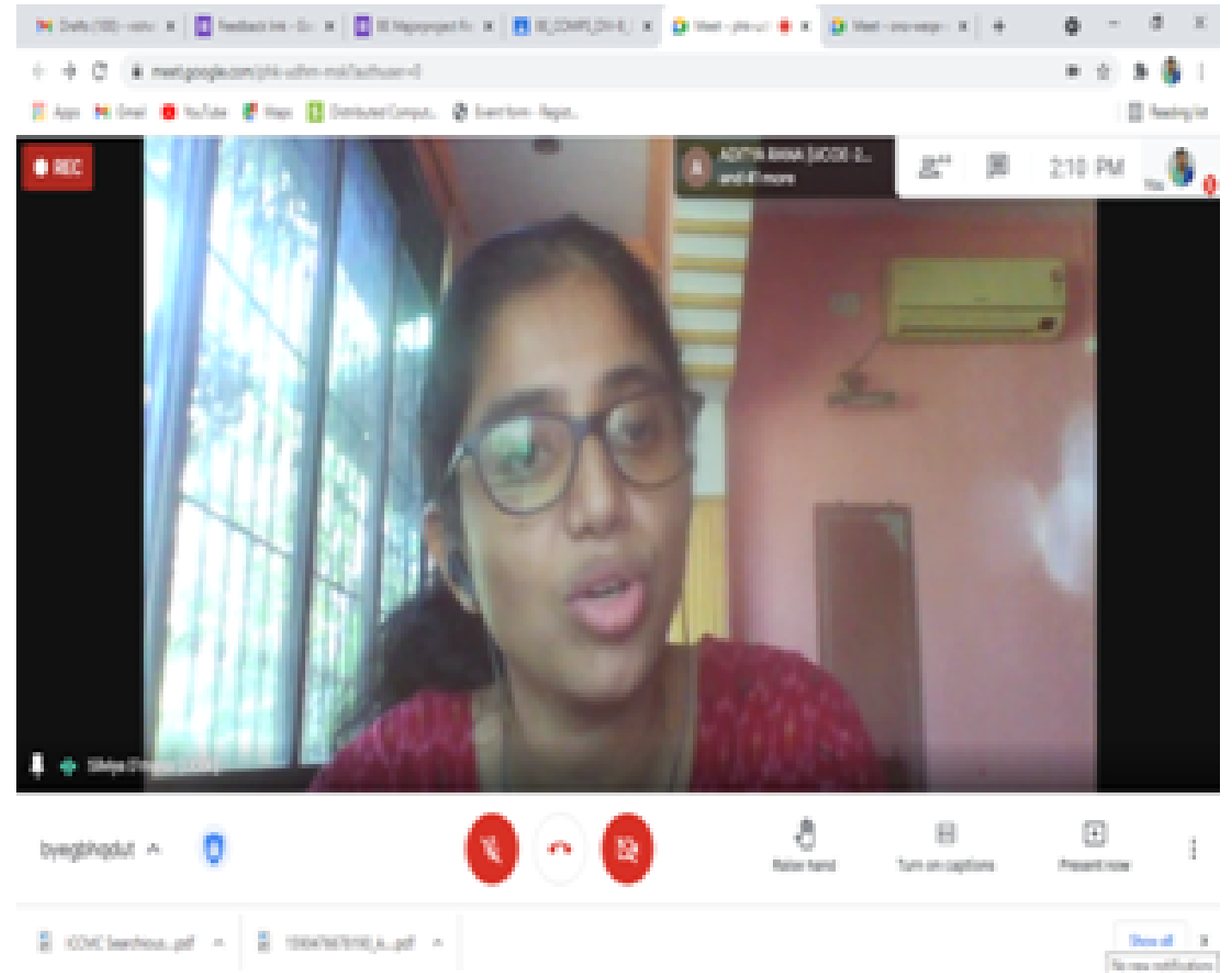
Session Recording Link : <https://drive.google.com/file/d/10c0hkjcUIQt55o2LntC2WyhRHh8F-Qyd/view?usp=sharing>

Session on " Research Paper Writing"

Department of Computer Engineering conducted a session on "Research paper writing", for BE Computer students , on 04th May 2021 from 2 to 3 pm. Total 69 students attended the session. Mrs. Vishakha Shelke, Project coordinator along with Mrs. Silviya D'monte, delivered the session under the guidance of Dr. Jitendra Saturwar, Head of computer engineering department.

At the start of session Mrs. Silviya D'monte gave brief about types of papers, how to write abstract of paper, and literature survey in the research paper. She explained how to include the project idea and scope along with the introduction of project domain in Introduction section. She also explained the major aspects of the entire paper in a prescribed sequence that includes Abstract, Introduction, Literature Survey, and References.

Further continuing the session, Mrs. Vishakha Shelke gave brief explanation about Proposed system, how to include System Architecture with explanation of Technology /Algorithm. While explaining each and every block in the architecture, she later discussed the results of proposed solution in the form of figures/screenshots/graphs/charts, Evaluation Metrics and Comparison with other systems as well . She further guided how to conclude the paper by discussing overall Conclusion and Future scope that includes more advancement in the project with respect to other technology. The session was much useful for BE students. At the end of the session, they shared their doubts in the Q/A session. Later as a outcome of this session, total 53 research papers were accepted in reputed journals and published from current BE Computer students.

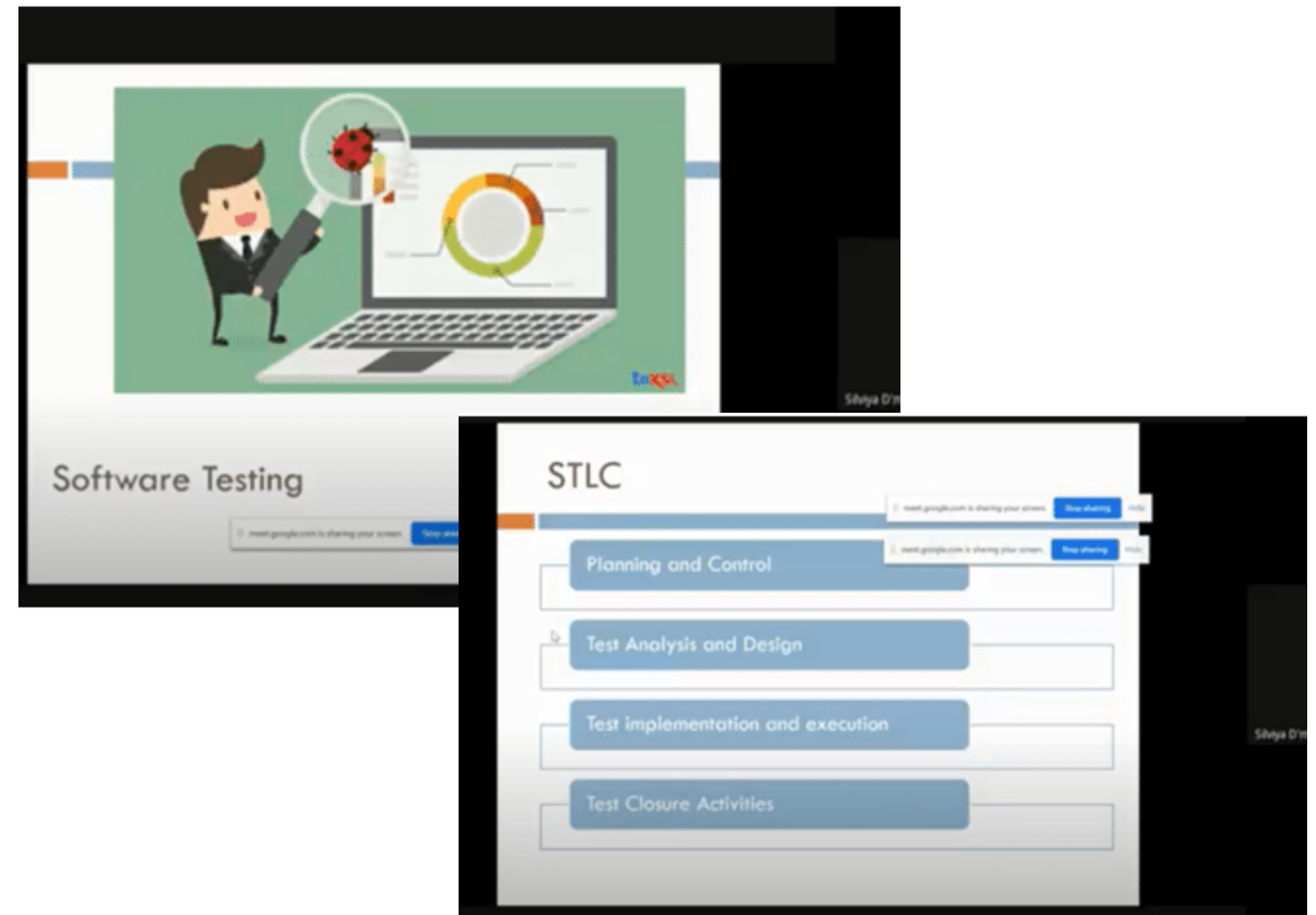


Session Recording Link : <https://drive.google.com/file/d/1sb-uU6daM3bxh6Mc7PwoxLSWlyi5IMwM/view?usp=sharing>

Session on "Software Testing with Test Cases"

Department of Computer Engineering conducted a session on "Software Testing with Test Cases" for Final year students on 19 April 2021 from 2pm to 3 pm. Total 88 students attended the session. Mrs. Silviya Dmonte delivered the session under the guidance of Dr. Jitendra Saturwar, Head of computer engineering department.

In this session she gave brief information about the concept of Software Testing, Software Testing Life Cycle and its importance. Further she also explained about how to carry out testing for the project and how to write the test cases. She demonstrated types of testing and how it is actually carried out in industry. She also explained students about how to include test cases and known issues in the project thesis.

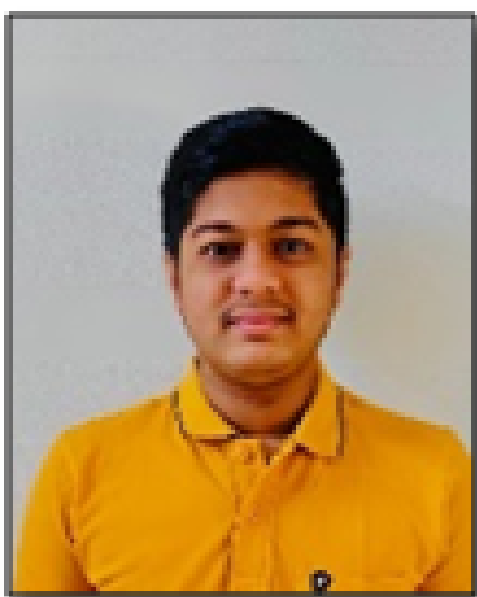


Session Recording Link : https://drive.google.com/file/d/1Uvx0SYWzchS2f070nXd40vjG_1PEY_DC/view?usp=sharing

Student Achievement

Mr. Jenil Gopani, Mr. Shrishtiraj Prasad and Mr. Dhruv Sonani students of Second Year Computer Engineering along with their SE Mini project guide **Mrs. Vishakha Shelke** published their project paper in IJSREM – International Journal of Scientific Research in Engineering and Management. Vol-05, ISSN:2582-3930 based on SE Mini-Project topic "**Kizopedia: kid's math quiz application**" on May 15, 2021.

Their project was based on developing a quiz application i.e., kizopdeia: kid's math Quiz application for kid's aged 6-7 years that helps them to learn basic mathematical operations in Quiz format.



Mr. Jenil Gopani



Mr. Dhruv Sonani



Mr. Shrishtiraj Prasad



Mrs. Vishakha Shelke

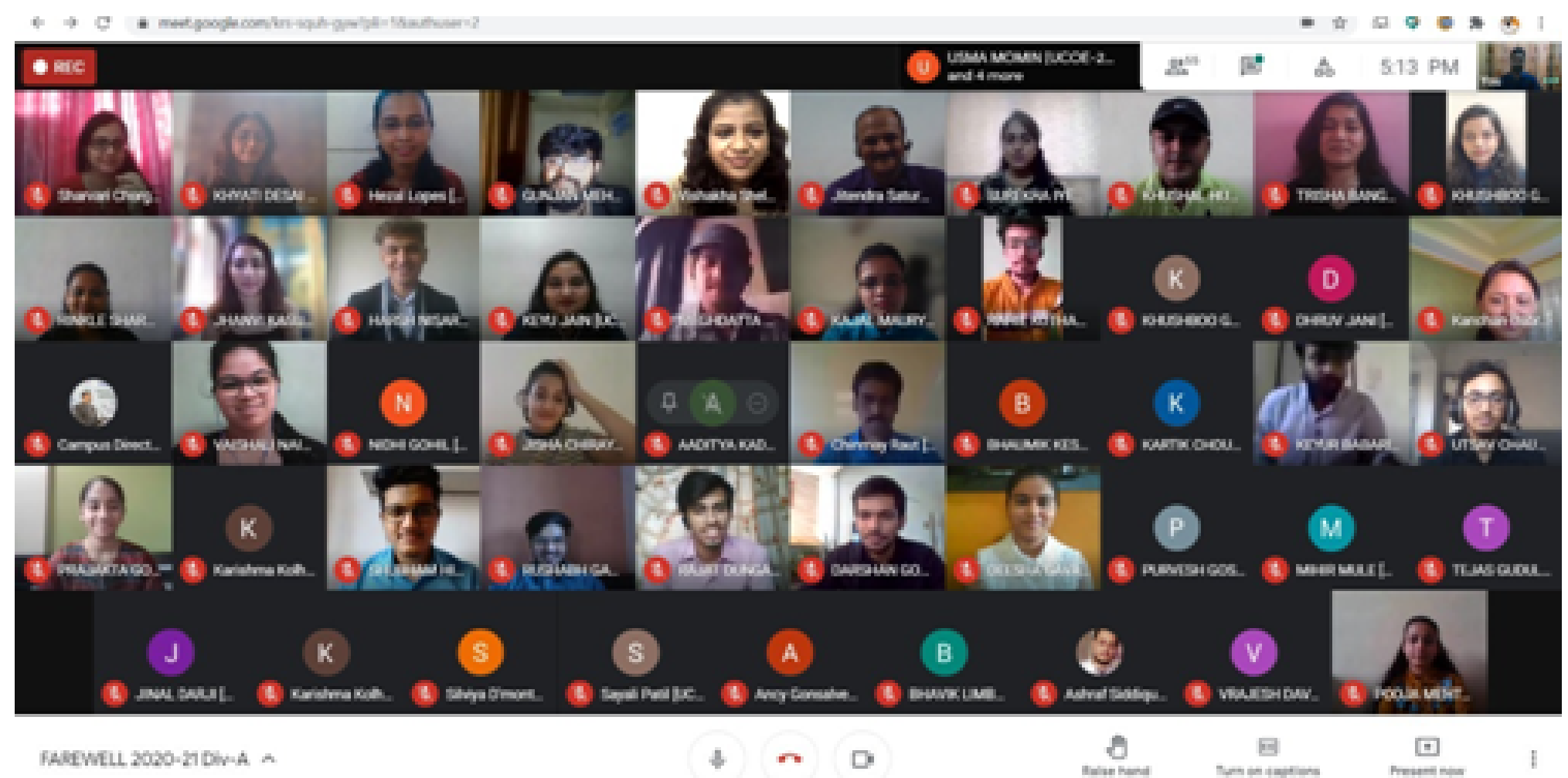
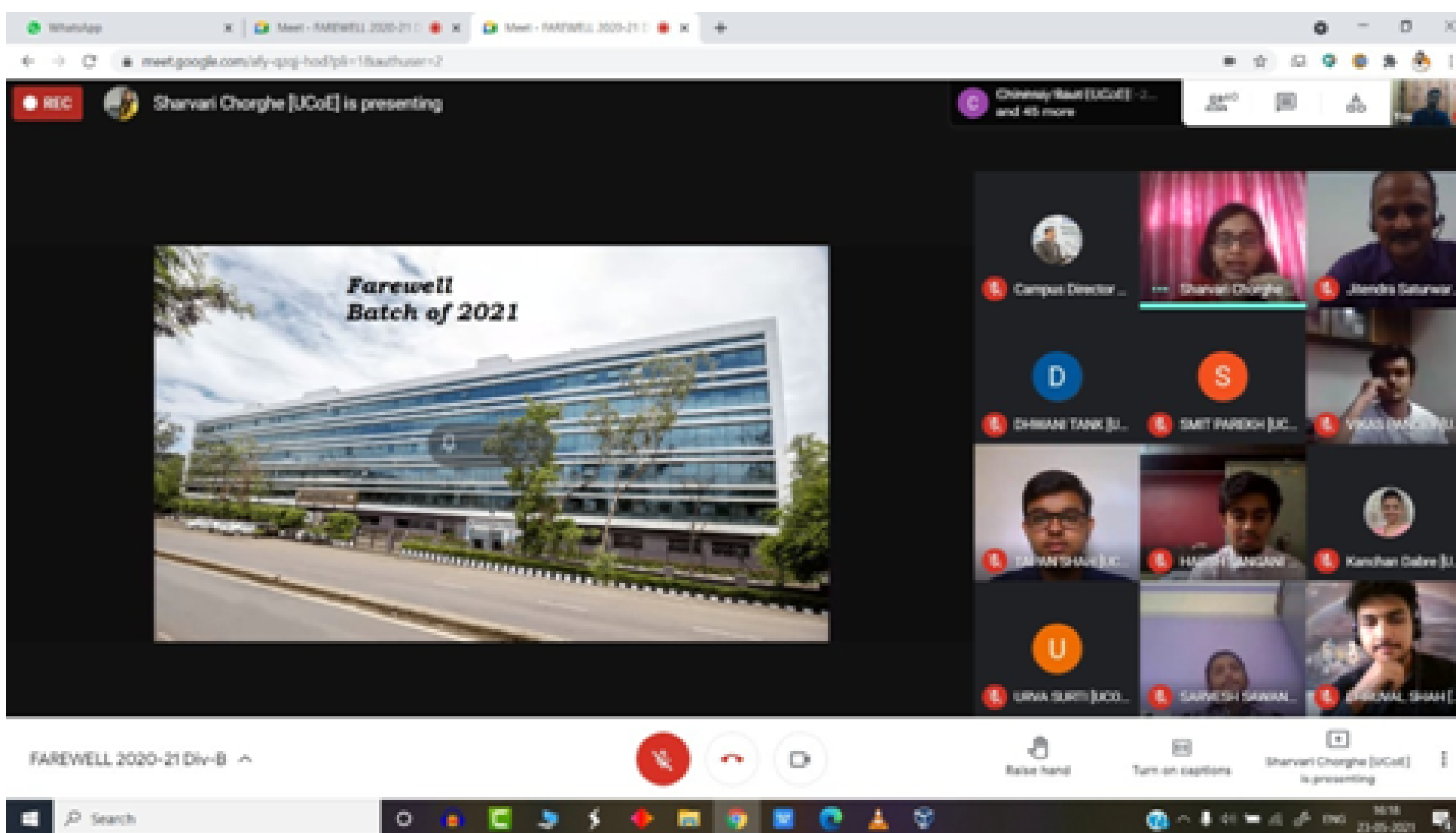
CONGRATULATIONS

Student's Farewell Batch -2021



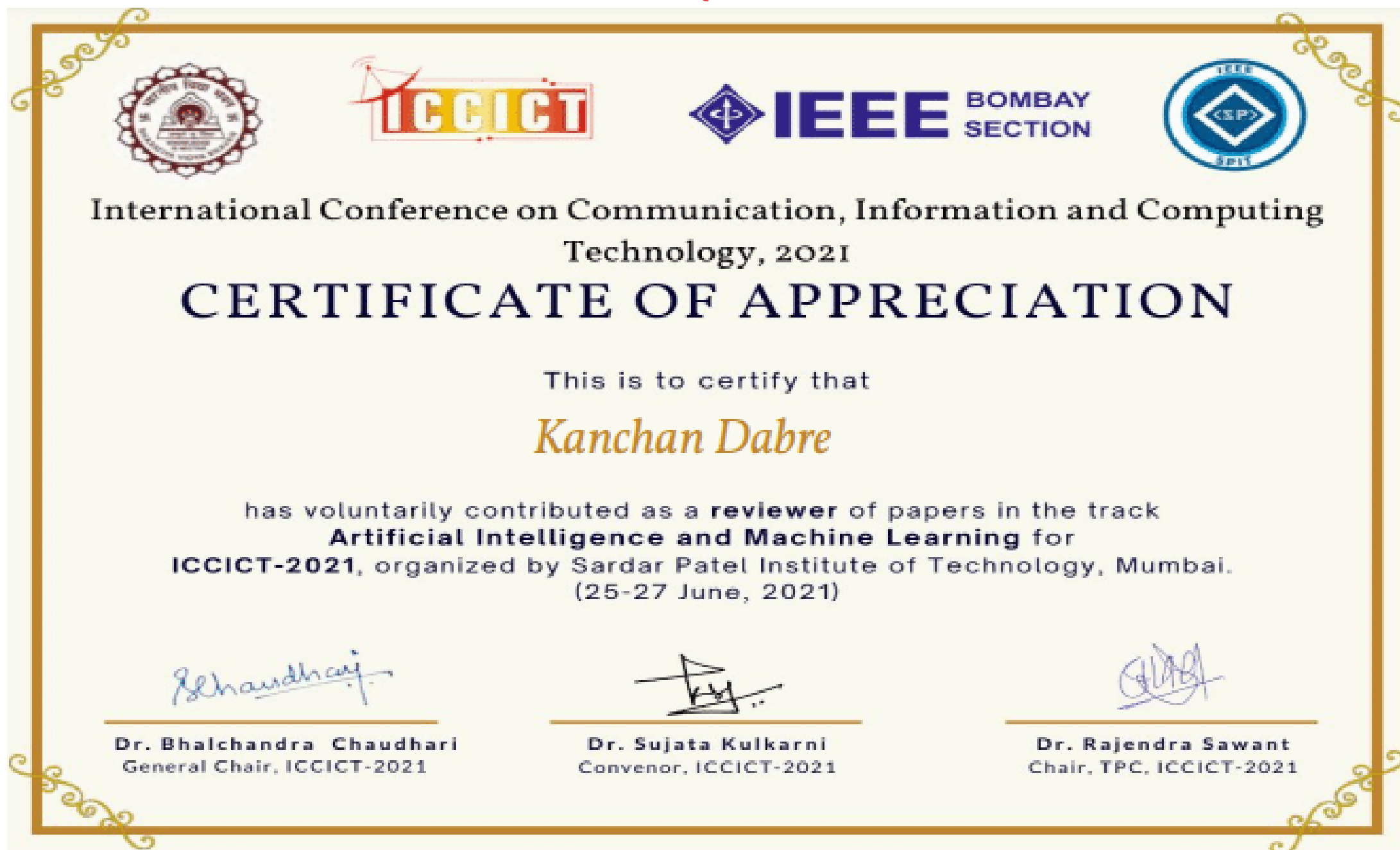
Department of Computer Engineering organized farewell for their final year students of batch 2020-21. The event was witnessed by 110 students and 12 faculties. The program started at 4 pm on 23rd May,2021 i.e on Sunday.The objective of this event was to bid a happy farewell to the students while remembering their happy moments in the college and encouraging them for their future life. Campus Director Dr. J.B Patil addressed the students and motivated the students with his inspiring words. Head of the Department addressed the Dr. Jitendra Saturwar, Project and Class coordinator Mrs. Vishakha Shelke and Mrs. Kanchan Dabre addressed the students and shared memories and experiences with the class.

The Department had also compiled a video for the students which acted as a walk down the memory lane for the students which included their memories, achievements that the institute will always be proud of. General Secretary, Mr. Gunjan Mehta, Academic Secretary, Ms. Khushboo Gogri, General Secretary of CSI UCOE Branch, Ms. Anushri Shetty and Ms. Neha Singh shared their experiences in the college and expressed their gratitude towards the institute. The event concluded with mesmerizing song by Mr. Sridhar Iyer. Vote of thanks was delivered by Mrs. Hezal Lopes. The event was coordinated and managed by Mrs. Sharvari Patil.



Faculty Contributions

Mrs. Kanchan Dabre has contributed as Reviewer for papers in "International Conference on Communication, Information and Computing Technology (ICCICT-2015)" on 25 to 27th June 2021 at Bharatiya Vidya Bhavan's Sardar Patel Institute of Technology (S.P.I.T), Mumbai under IEEE Bombay Section .



Mrs. Vishakha Shelke attended Two Days FDP on 'Educational Summit on Outcome-Based Education (OBE) and National Assessment and Accreditation Council (NAAC)' on 14th and 15th May, 2021 in association with IQAC



Mr. Ashraf Siddhiqui attended Five Days FDP on 'Cyber Security Awareness' organized by Amity School of Engineering and Technology on 14th and 15th May, 2021

Publications in Journals



Sr. No	Name of faculty	Name of Paper	Journal Name	ISSN
1	Mrs. Kanchan Dabre	Emotion Based Music Player	IJRAR	2349-5138
2	Mrs. Kanchan Dabre	Fake News Prediction using TF-IDF Vectorizer	IJRAR	2349-5138
3	Mrs. Kanchan Dabre	Automatic Detection and Report Generation of Corona Disease using Chest X-Ray	IJCRT	2320-2882
4	Mrs. Kanchan Dabre	Suniye: An Indian Sign Language Detection App	JETIR	2349-5162
5	Mrs. Ancy Almeida	Mining Social Media for Terrorism Analysis	IJCRT	2320-2882
6	Mrs. Poonam Thakre	Befit-Recipe Quantity Prediction Using LSTM Algorithm	JETIR	2349-5162
7	Mrs. Poonam Thakre	Intrusion Detection System	JETIR	2349-5162
8	Mrs. Poonam Thakre	A systematic Research on Food Processing Web Application	IRJET	2395-0056
9	Mr. Ashraf Siddhiqui	Traffic Sign Detection using YOLOV4	IJCRT	2320-2882
10	Mr. Ashraf Siddhiqui	Efficient Image Retrieval into Offline Processing	IRJET	2395-0056
11	Mr. Ashraf Siddhiqui	Research on Monocular Depth Estimation and Image Refocusing	IJCRT	2320-2882

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