

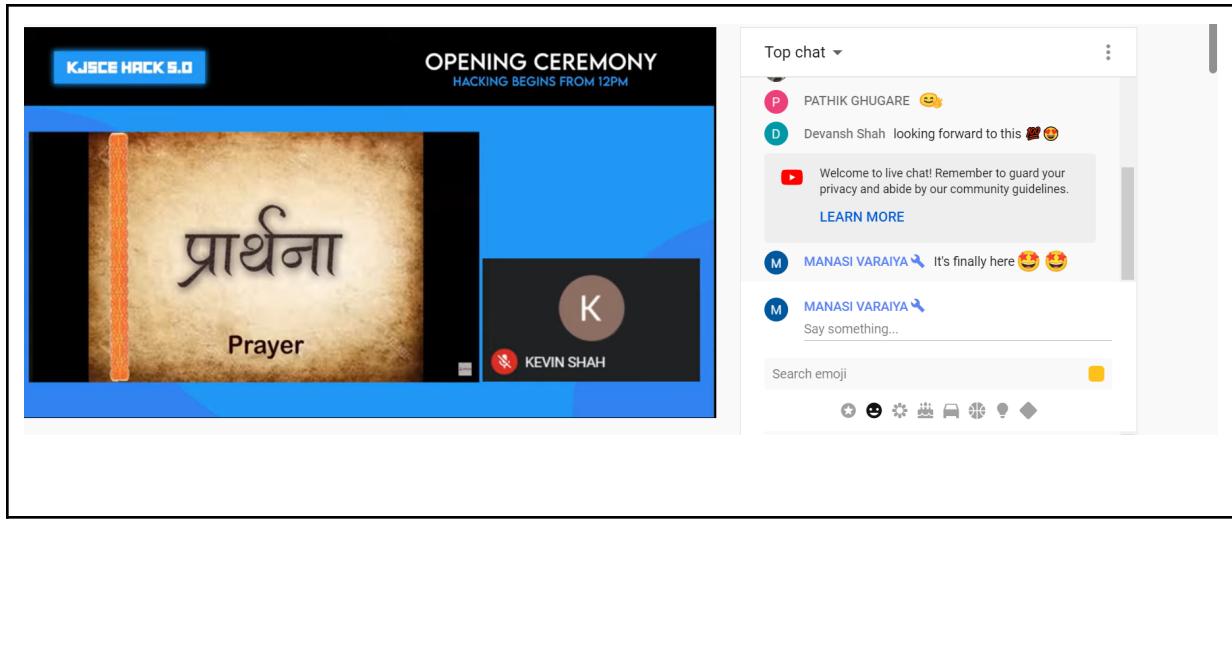
Sr. No. of Event / Activity	Day/Date	Year	Month	Time	Venue	Description of Activity
1.	3-4	2021	April	11:00 am 3rd April - 9 pm 4th April	Online	KJSCE Hack 5.0

### Details of participation in the event/activity

(Fill wherever is applicable or information is available. At least total need to fill)

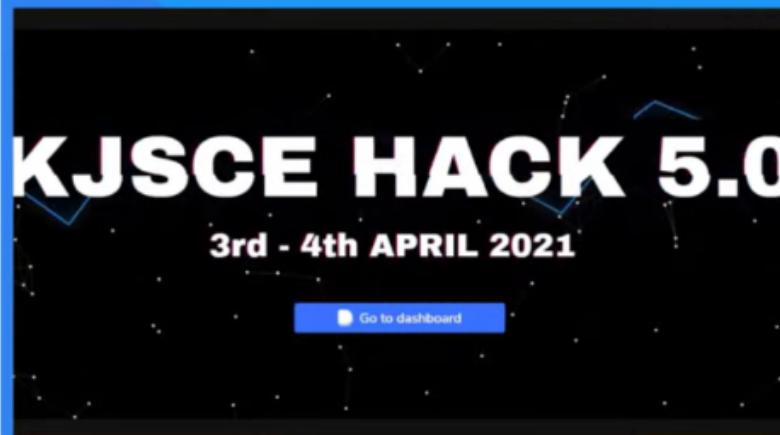
No of students / faculty	COMP	ETRX	EXTC	IT	MECH	Total no of participants
Day1						213
Day2						213

### Sample Photographs of the Event/Activity



KJSCE HACK 5.0

OPENING CEREMONY  
HACKING BEGINS FROM 12PM



A screenshot of a web application titled "StudentZone". The main page shows a banner with a KLM advertisement and a search bar. On the right, there is a live video feed showing three people: a smiling man with glasses, a man with headphones, and a man with a beard. Below the video feed is a red button with a white logo. At the bottom, there is a file preview for "led design (7).png" and a taskbar with various icons.

[meet.google.com/mkdv-wvhs-trpx?pli=1&authuser=1](https://meet.google.com/mkdv-wvhs-trpx?pli=1&authuser=1)

REC Amanbeer Khanduja is presenting

# CNN Model Architecture

We've used an untrained convolutional neural network of depth 5 instead of depth 58 because of the inherent properties of the dataset selected (that does not let techniques like augmentation work very well).

89%  
Top 3 accuracy  
340 labels

Rahul Balasubramanian KJSCE CodeCell  
SAURABH SHETTY BHAGYASHREE PHAD...  
Netra Ghaisas ARJUN PANCHMATIA





### Report of event/ activity

#### Event: KJSCE Hack 5.0

KJSCE Hack 5.0, the first online edition of KJSCE Hack, was a full-fledged 24-hour online hackathon and was definitely one of the remarkable editions of all time. In spite of the unfortunate pandemic, KJSCE CodeCell put up an amazing event, giving the participants an experience of a lifetime and ensuring that the pandemic did not come in its way to do so. KJSCE Hack 5.0 saw participants coming from all across the country from cities like Delhi, Hyderabad, Pune, etc. 213 participants assembled together online and made several phenomenal projects that could have an astounding effect in today's world.

"Technology is best when it brings people together". CodeCell believes in bringing people together to develop great products in a 24Hrs coding marathon. To make the 5th edition of KJSCE Hack a great success, the team started it's preparations three months prior to the huge day.

Sponsorship is the backbone of all great events and hence we began our process by listing down all the possible companies that would be interested in being a part of our auspicious event. Finding out all the possible contact points, email ids, phone nos was quite a task. The list was endless and we were hopeful that at least a few of them would have a positive reply.

Next came the part where we had to make a great prospectus for our event that entices the companies enough to agree to great deals. Moreover, the pandemic had caused a great deal of financial stress upon companies hence, making it more difficult to find sponsors. Our creative team did a great job of making a logo that not only captured the essence and feel of technology but also portrayed how creative and vigilant we are at CodeCell. The theme of KJSCE Hack was well established with the designing of the logo which made it a bit tedious to design the website since it had to match that level. Nevertheless, the website dev team did an amazing job of designing a website that allures both sponsors and participants. Every aspect of the website was well thought out and flawlessly implemented.

Thus began the process of sponsor hunt. We sent email blasts along with our prospectus to all the possible companies we could reach and hoped for a positive response. The very first reply we got was from Devfolio

who agreed to partner our Hackathon along with Polygon, Portis and Tezos as our Gold sponsor and hosted our events registrations on its Dashboard. The confirmation from Devfolio sealed the fact that our hackathon was going to be a national level Hackathon with participants applying from all over India. We had a sigh of relief with the scale aspect that we had aimed for but the pressure increased exponentially since we didn't have proper monetary support to back us up for such a large scale event.

Over the next couple of months, we received responses from a couple of companies who were ready to sponsor us with their swags and goodies. Some of these companies were mainly Digital Ocean, Sublime, Repl, Wolfram, Balsamiq, EchoAR, GeeksforGeeks, DSC and Hotpot. We were extremely glad to receive such a great response from all of these companies but we were worried since we hadn't received any monetary support from any company yet. They were the reason all the things we had planned for were going to come true. We had also reached out to the monetary sponsors of the previous edition of KJSCE Hack, KJSCE Hack 2019. Finally, after a few meetings with Frappe, we received Silver Sponsorship from them. We used to be pumped during the days we received a reply from our sponsors.

Our registrations were open from 17th March, 2021 till 3rd April, 2021. We did have a screening process during the registration period as well. We were quite blown away with the standard of the applications to our event. The reviewing process was quite a tussle as choosing between people with so much caliber is quite a task. By the last date of registration, we had over 400+ applications for our Hackathon. We shortlisted around 230 best of the best to make the level of the products made during the Hackathon stand out for everyone who had come to learn.

We were good to go with the two main aspects of any Hackathon, participation, and sponsorship. The next major thing is the prizes for which all the participants would be competing for. Our first prize was Rs.20,000 cash + goodies worth Rs.2,00,000. Our second prize was Rs.10,000 + goodies worth Rs.1,50,000 and the third was Rs.5,000 + goodies worth Rs.1,20,000. The goodies included T-shirts, Wolfram awards, DO credits, etc from our sponsors.

We had a few sponsorship track prizes as well. Portis was offering Rs.15,000 for the best Dapp built on its platform. Polygon was offering Rs.15,000 for the best blockchain product developed on Ethereum + Polygon. Tezos was offering Rs.20,000 for the best Dapp built on Tezos. Moreover, EchoAR was offering an Amazon voucher worth USD 50 for the best AR/VR app.

Since this was an online event, one of the main constraints was the mode of communication with the participants. Hence, we had set up a Discord server where we could communicate with the participants, judges and mentors. The server was pretty well organized with channels created for mini-events, mentoring sessions, sponsors, and so on. Moreover, we had created private channels for every team so that we could communicate with an individual team and they too can communicate and coordinate with their team members using the same channel.

### **Main Event:**

The day began with the entire team fresh and frolic to welcome all the participants to the big day. We had shared the Discord invite link to all the shortlisted participants a day prior to the start of the hackathon. We had live steamed the opening ceremony on Youtube where we were joined by Dr. Shubha Pandit, principal of KJSCE, IT HOD Dr.Irfan Siddavattam, Dr. Prasnna Shette, our faculty advisors Prof. Grishma Sharma and Prof. Avani Sakhapara.

Every auspicious event begins with a word of prayer. We started off by playing the Somaiya prayer and subsequently requested the esteemed college dignitaries to say a few words of encouragement for the participants. Thereafter, we shared the hackathon schedule for the next 24 hours filled with fun and excitement. After a quick shoutout and an intro of our sponsors, all the prizes were announced which filled the hackers with enthusiasm and determination. Thus, we concluded the inauguration ceremony.

The hacking period began at 12 noon on 3rd April, and ended exactly 24 hours later. Before the hacking period started, we ensured that every participant was successfully checked-in on Devfolio. Our entire team kept a close watch on Discord to look out for any doubt that the participants might have.

To lighten the mood amidst all the tense programming, we had organized a jamming session on Google meet in the evening wherein we made small talk with the participants and got to know them better. It was now time to distribute certain swags we received from our patrons. To do so, we organized a couple of fun activities, Chess and Krunker. The winners of these events would receive a Sublime Text license key. Conducting these fun activities online was quite a task. In addition, EchoAR conducted a workshop early in the morning explaining the fundamentals of their platform.

Thus, the night passed and at dawn 6 am, the final 6 hours of the code sprint were remaining. Everyone was with hope and determination to complete their final product void of any errors.

The submission period was supposed to end at 12 noon, 4th April, but upon requests from participants we postponed the deadline by 30 minutes. Any project not submitted on Devfolio automatically got disqualified from judging. The participants had to submit a short video demo of their project along with some other details about their project such as problem definition, tech stack, etc.

The pre-judging phase began about 30 minutes later. The judges for the pre-judging round were Chirag Shetty, Shivam Pawase, Nischchith Shetty and Neel Shah. The pre-judging round went on till 6 pm. The top 10 teams were then shortlisted for the final judging.

During the final judging, each team had 8 - 10 minutes for their presentation followed by 2 minutes of questions. The judges in the final round were Gaurang Shetty (founder of Riidl), Rahul Balsubramanyam (Software Engineering associate at JP Morgan), our faculty advisors Prof. Grishma Sharma and Prof. Avani Sakhapara.

Every presentation topped each other which made it so hard for the judges to decide on the winners. The different aspects that they judged were Idea, Market Relevance, UI/UX, Implementation and Presentation.

After through deliberations, the teams that passed the evaluation successfully and secured the top three positions were:

- 1. 220 Volts - Crash Assistance & Rescue System**
  - a. **Yakshit Gupta: Maharaja Agrasen Institute Of Technology, Delhi**
  - b. **Daksh Nauni: Sharda University, Greater Noida, Uttar Pradesh**
  - c. **Kanav Bhasin: Vellore Institute of Technology, Vellore, Tamil Nadu**
- 2. Trial-n-Error - Automated Answer Evaluator**
  - a. **Kunal Bohra: KJSCE**
  - b. **Prem Chandak: KJSCE**
- 3. DeepMatrix - Qgen**
  - a. **Talha Chafekar: KJSCE**
  - b. **Tushar Bapecha: KJSCE**
  - c. **Rugved Bongale: KJSCE**
  - d. **Mayank Chowdhary: KJSCE**

We announced the winners during the closing ceremony which again was live streamed on Youtube. We were joined by college dignitaries IT HOD Dr.Irfan Siddavattam, Dr. Manish Pote, our faculty advisors Prof. Grishma Sharma and Prof. Avani Sakhapara.

It was an exceptional event which wouldn't be possible without certain people. We are really grateful to our principal Dr. Shubha Pandit for supporting us throughout the preparations. To Dr. Sudha Gupta, our head of Departments Dr. Irfan Siddavattam and Dr. Deepak Sharma, for encouraging us. Huge gratitude for our faculty advisors Prof. Avani Sakhapara and Prof. Grishma Sharma for having our backs at each and every time we messed up. And finally a great shout-out to the entire CodeCell council without whom the **5th edition of KJSCE Hack** would have not been possible.