Students of the Department of Computer Engineering have participated and have also won various competitions in the academic year 2020-21 (July 2020 - June 2021). The achievements of the students have been categorised as mentioned below.

Grant Received :

1. Raghav Heda a student from Final year BE(19-20) who was working on Contagious disease propagation for Indian Scenario got a Travel Grant of Rs. 25,000 from AICTE for 19TH IEEE INTERNATIONAL CONFERENCE ON MACHINE LEARNING AND APPLICATIONS DECEMBER 14-17, 2020 |MIAMI, FLORIDA which is rated as one of the world's Top conferences via ranking standards for the paper titled "AI-based Prediction for Early Detection of Tuberculosis in India based on Environmental Factors".
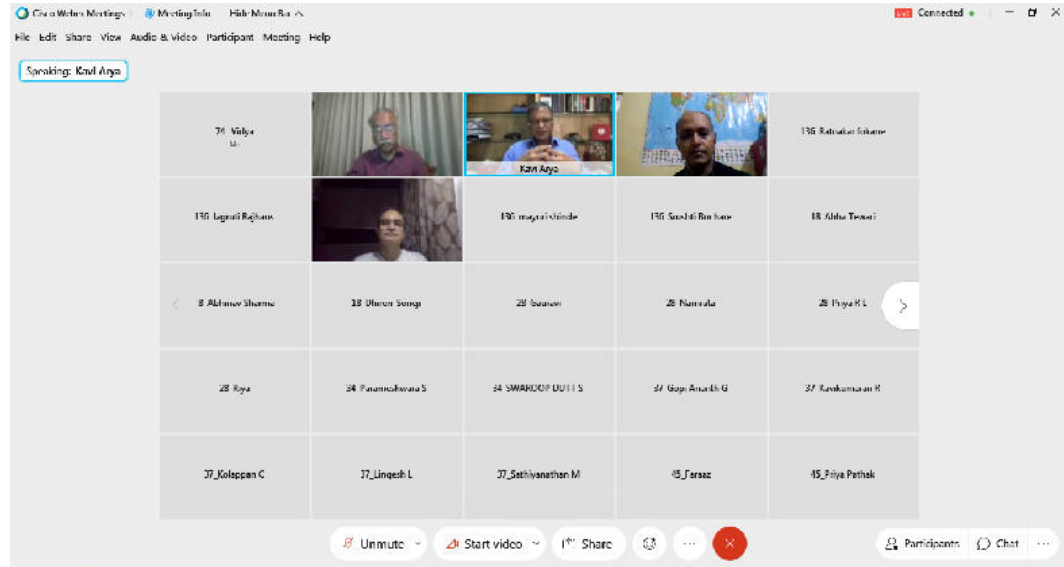
## Achievements in Project Competitions:

I   E-Yantra 2021

Sr. No.	Project Title	Students Name/Class	Mentor Name	Achievement
1	COVID -19 Care: Face Mask and Social distancing detection using Deep Learning	Nikhil Joshi (D17A) Srivatsan Iyengar (D17A) Krish V (D17A)	Mrs. Vidya Zope	National Finalist
2	Ctrl-Alt-Elite: Social Distancing and Mask Detection using Artificial Intelligence	Riya Menon (D12A) Namrata T (D12A) Gauravi (D12A)	Mrs. Priya R. L	National Finalist
3	Rainfall induced landslide monitoring system in Uttarakhand	Abhinav Sharma (D12A) Dhiren Soneji (D12A) Tejas Dhopavkar (D12A)	Mr. Abha Tewari	National Finalist

eYIC Meet Snapshot: Project -COVID -19 Care: Face Mask and Social distancing detection
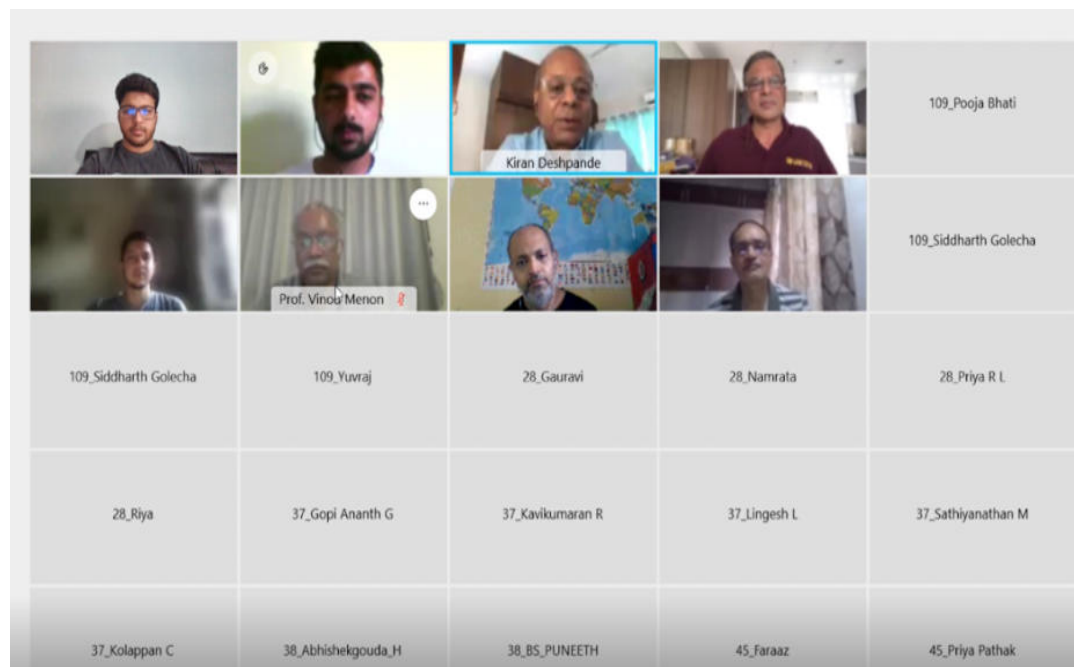
eYIC Meet Snapshot: Project-Rainfall induced landslide monitoring system in Uttarakhand

II   **Toycathon 2021:** Toycathon 2021 is an inter-ministerial initiative organized by Ministry of Education's Innovation Cell with support from All India Council for Technical Education, Ministry of Women and Child Development, Ministry of Commerce and Industry, Ministry of MSME, Ministry of Textiles and Ministry of Information and Broadcasting.

Sr. No.	Project Title	Mentor Name	Students Name/Class	Achievement
1	Develop a Virtual Heritage Train using simulation that passes through Heritage Cities and helps to revive Indian Cultural Heritage	Mrs. Vidya Zope	Pooja Koshti (D12A) Arya Paryani (D12A) Vaishnavi Ainapure (D12A) Juhi Talreja (D12A)	Participant
2	Ethnicity of India: Diversity in culinary practices. विवधekyam Bharat	Mrs. Priya R. L & Mrs. Mannat Doutlani	Maitryee Choudhary (D7B) Radhika Katiyara (D7B) Nikhita Iyer (D7B) Drishti Katiyara (D7B)	Selected for Finale

III   **VCET Hackathon 2021 :** Vidyavardhini's College of Engineering & Technology (VCET) HACKATHON 2021, Software Developing Competition

Sr. No.	Project Title	Mentor Name	Students Name/Class	Achievement
1	BrightSide - Creative Learning For Creative Minds	Mrs. Sunita Suralkar	Jyotsna Dusane (D17C) Sonal Misal (D17C) Priyanka Patil (D17C) Vidya Katara (D17A)	Winner
2	Mask Detection System	Mrs. Abha Tewari	Mohit Balani (D12A) Rohit Vadhya (D12A)	1st Runner Up

			Navin Kachhela (D12A)	
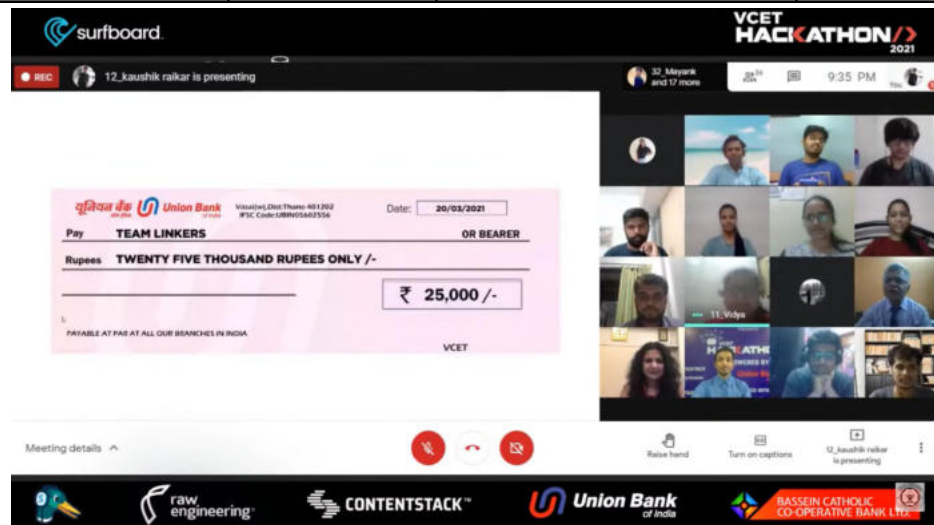
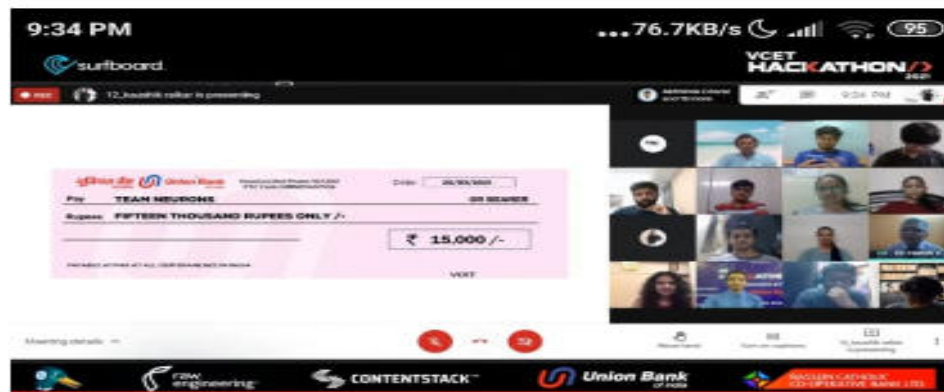***VCET Hackathon award ceremony :*** BrightSide - Creative Learning For Creative Minds

VCET Hackathon award ceremony : Mask Detection System

IV   **Chatra Vishwakarma Awards 2021**

Sr. No.	Project Title	Mentor Name	Students Name/Class	Achievement
1	AI-based prediction for early detection of Tuberculosis in India based on environmental factors	Dr. Nupur Giri	Sanika Chavan , Raghav Heda, Reema Israni and Ritika Sethiya (D17C , 2019-20 Batch)	Participated Regional Convention
2	MentalEase- A Virtual Mental Health assistant	Mrs.Abha Tewari	Amit Chhabria -D12C Sanket Chaudhary-D12C Ajay Singh Khalsa-D12C Harshita Kanal-D12C	Participated Regional Convention
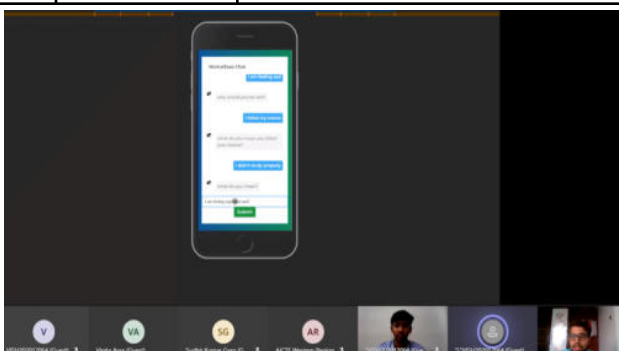
Meet Snapshot1: MentalEase- A Virtual Mental Health assistant
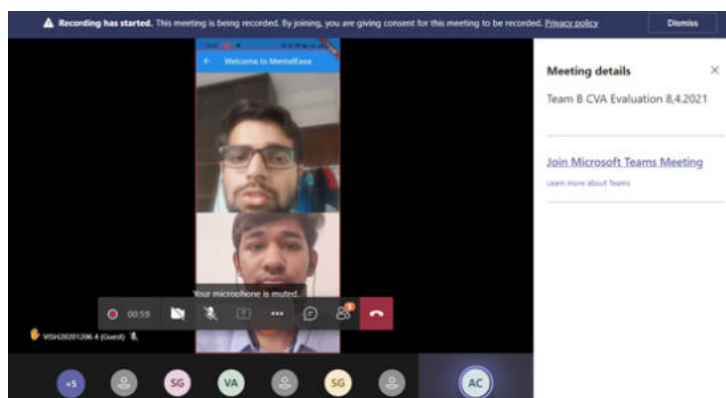
Meet Snapshot2: MentalEase- A Virtual Mental Health assistant

V   Avishkar Research Convention - University of Mumbai

Sr. No.	Project Title	Students Name/Class	Mentor Name	Achievement
1	**Swachh AI: Real-time Spit Detection using YOLOv3 Darknet Model**	**Anish Vaidya(D17A) Chetas Shinde(D17A) Vinit Motwani(D17A) Mohit Thorat(D17A)**	**Dr. Sujata Khedkar**	**Finalist**
2	COVID -19 Care: Face Mask and Social distancing detection using Deep Learning	Nikhil Joshi(D17A) Srivatsan Iyengar(D17A) Krish V(D17A)	Mrs. Vidya Zope	Participant

VI   Looking Beyond Syllabus 2021:

Sr. No.	Project Title	Name of the Students	Mentor	Achievements
1	**DRISHTI (Automated Exam Surveillance System)**	**Omkar Mane (D12A) Advait Naik (D12A) Aditya Gurnani (D12A) Krish Amesur (D12A)**	**Anushree Prabhu**	**1ˢᵗ Runner Up**
2	Automated Document Verification for Admission Process.	Tejas Dhopavkar (D12A) Abhinav Sharma (D12A) Dhiren Soneji (D12A)	Manisha Joshi	Finalist
3	Poacher detection	Divesh Hariani (D12A) Paras Gurnani (D12A) Omkar Mangalpalli (D12A)	Dr. Nandini Ammanagi	Finalist

4	Asana - Enabling remote fitness	Harshita Kanal (D12C) Priyanka Asrani (D12C)	Jayshree Hajgude	Finalist
5	Jeevan Paritrata - A ML based accident management system	Abhijit Thikekar (D12A) Saurav Telge (D12A) Aabha Ranade (D12A)	Shobhit Khandare	Finalist
6	E2 (Education Made Easy)	J N Guru Akaash (D7A) Ajay Nair (D7A) Shubham Zope (D7A) Varun Tripathi (D7A)	Amrita Jhaveri	Finalist
7	Data structures and algorithms Visualisation	Deepika Gambani (D12B) Karan Kalani (D12A) Deepika Mangnani (D12B) Gunjan Bhawsinghka(D12B)	Ameya Parkar	Finalist

VII   VNPS : VCET'S National Level Project Showcase 2021

Sr. No.	Project Title	Name of the Students	Mentor	Achieve ments
1	sVana 2.0 Bringing Light and Dark Together	Nilesh Rijhwani Sartha Tambe Janhvi Patil Aihwarya Goythale	Phase-I : Mrs. Pallavi Saindane Phase II- Mrs. Richa Sharma	Winners
2	AiDD -Assisting children and doctors.	Etisha Mathurvaishya Dimple NAchnani Swarangi Dali Sakshi Haswani	Dr. Sharmila Sengupta	Winners

AiDD -Assisting children and doctors.

sVana 2.0 Bringing Light and Dark Together

Grid layout: VNPS's VCET National Level Project Showcase

VNPS's VCET Winner Certificates:

VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K.T. Marg, Vasai Road (W), Palghar - 401202
Founder President Late Padamshree H.G.Vartak
(Affiliated to University of Mumbai)

VNPS
INVENT...INNOVATE...INSPIRE

VCET'S NATIONAL LEVEL PROJECT SHOWCASE 2021

CERTIFICATE OF ACHIEVEMENT
This certificate is awarded to
Mr./Ms. _Aishwarya Goythale_
for winning in VCET's National Level Project Showcase
(VNPS '21) held on 14th May, 2021.

Dr. Megha Trivedi
Convener, VNPS

Dr. Vikas Gupta
Dean, Academics

Dr. Harish Vankudre
Principal

IN ASSOCIATION WITH

VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K.T. Marg, Vasai Road (W), Palghar - 401202
Founder President Late Padamshree H.G.Vartak
(Affiliated to University of Mumbai)

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VCET'S NATIONAL LEVEL PROJECT SHOWCASE 2021

CERTIFICATE OF ACHIEVEMENT
This certificate is awarded to
Mr./Ms. _Janhvi Patil_
for winning in VCET's National Level Project Showcase
(VNPS '21) held on 14th May, 2021.

Dr. Megha Trivedi
Convener, VNPS

Dr. Vikas Gupta
Dean, Academics

Dr. Harish Vankudre
Principal

IN ASSOCIATION WITH

VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K.T. Marg, Vasai Road (W), Palghar - 401202
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(Affiliated to University of Mumbai)

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VCET'S NATIONAL LEVEL PROJECT SHOWCASE 2021

CERTIFICATE OF ACHIEVEMENT
This certificate is awarded to
Mr./Ms. _Etisha Mathurvaishya_
for winning in VCET's National Level Project Showcase
(VNPS '21) held on 14th May, 2021.

Dr. Megha Trivedi
Convener, VNPS

Dr. Vikas Gupta
Dean, Academics

Dr. Harish Vankudre
Principal

IN ASSOCIATION WITH

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(Affiliated to University of Mumbai)

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VCET'S NATIONAL LEVEL PROJECT SHOWCASE 2021

CERTIFICATE OF ACHIEVEMENT
This certificate is awarded to
Mr./Ms. _Dimple Nachnani_
for winning in VCET's National Level Project Showcase
(VNPS '21) held on 14th May, 2021.

Dr. Megha Trivedi
Convener, VNPS

Dr. Vikas Gupta
Dean, Academics

Dr. Harish Vankudre
Principal

IN ASSOCIATION WITH

VIII Deep Blue Season 6

Sr. No.	Project Title	Name of Students	Mentor	Achievement
1.	Automation Society Security Task (ASST)	Omkar Mane(D12A) Advait Naik(D12A) Aditya Gurnani(D12A) Krish Amesur(D12A)	Mrs.Monika Pandita	Shortlisted for second round

Deep Blue Season 6 Semifinalists

IX   IIC National Innovation Contest 2020 :

Following Prototypes are nominated (by IICs) for regional level mentoring.

Sr. No.	Project Title	Name of Students	Mentor	External Mentor
1	AiDD:Assisting ADHD children	Dimple Nachnani (D12C) Swarangi Dali (D12C) Etisha Mathurvaishya (D12C) Sakshi Haswani (D12C)	Dr. Sharmila Sengupta	Monica Sharma (NIC)
2	AI based attendance marking system incorporated with corona precautionary	Omkar Mane (D12A) Advait Naik (D12A) Aditya Gurnani (D12A) Krish Amesur(D12A)	Prof. Sujata Khedkar	Dr. Hariprasath Lakshmanan (Karpagam Academy of Higher Education Coimbatore)

X   Techniche (IIT Guwahati)

The project 'Swachh AI' was shortlisted to be demonstrated in Techniche, the annual Techno-Management festival at IIT Guwahati and got selected in the top 20 amongst more than 300 applications.

Sr. No.	Project Title	Name of Students	Mentor
1	Swachh AI	Anish Vaidya (D17A) Mohit Thorat(D17A) Vinit Motwani(D17A) Chetas Shinde(D17A)	Mrs. Sujata Khedkar

Other Achievements :

1. **ASEAN-India 2021 Hackathon**

Yash Mate (D17B) and his team **won the ASEAN-India 2021 Hackathon** organized by the Ministry of Education in collaboration with the Ministry of External Affairs during 1st Feb to 3rd Feb 2021 . It had participants from 10 South Asian countries excluding India. The problem statement was Blockchain in Logistics.

2. Best Paper Awards:

a. Mrs. Sujata Khedkar, Devansh Ahuja, Anshul Bahrani, Priya Karsi have received **Best Paper Award** for a paper titled 'Hateful memes, Offensive or Non-Offensive!' presented in the 4th International Conference on Innovative Computing and Communication (ICICC-2021), organized by Shaheed Sukhdev College of Business Studied, University of Delhi, India in association with National Institute of Technology Patna, India and University of Valladolid, Spain on 20th-21st Feb 2021.

b. Mr. Naren Khatwani, Adithya Shrivastava, Raghav Potdar, Rahul Sohandani and Mr. Richard Joseph received Reviewers Choice award for the paper titled "Food Aayush: Identification of Food and Oils Quality" presented inInternational Conference on Integrated Emerging Methods of Artificial Intelligence & Cloud Computing (IEMAICLOUD 2021), London, UK, 26th-29th April 2021.

c. Gaurav Marwal, Nilesh Talreja, Simran Pandita, Sivanta Beera, Mrs. Lifna C S received Best Paper Award for the Paper titled 'Automated Intraday Trading for Maximizing Profit' in International E-Conference on 'Advances in Information Technology and Research', ICAITR-2021 organized by Vidyalankar Institute of Technology, Wadala Mumbai on May 31-June 1, 2021.

3. **BUDDING INNOVATORS:**

Abhinav Sharma(D12A) , Dhiren Soneji(D12A) secured **third position** in Proposal Writing Competition for 'BUDDING INNOVATORS", organized by IEEE Bombay section on 21st Feb 2021.