



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Criteria 2.3: Teaching-Learning Process

2.3.1 Student centric methods, such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences.

### INDEX

Sr.No.	List of Activities	Page No.
	<a href="#">Declaration for Additional Documents</a>	1
1	<b>Experiential Learning</b>	
1.1	<a href="#">Workshop</a>	2
1.2	<a href="#">Industry/Institute Internship</a>	19
1.3	<a href="#">Tinkerer's Lab activity</a>	48
1.4	<a href="#">Skill Enhancement Lecture</a>	57
1.5	<a href="#">Industrial Visit</a>	65
2	<b>Participative Learning</b>	
2.1	<a href="#">Paper Publications</a>	70
2.2	<a href="#">Looking Beyond Syllabus</a>	87
2.3	<a href="#">Industry/Institute Interaction</a>	94
2.4	<a href="#">Awakening the Scientist</a>	100
3	<b>Problem Solving Learning</b>	
3.1	<a href="#">Technical Event- Praxis</a>	103
3.2	<a href="#">Technology Day</a>	111
3.3	<a href="#">Project Competitions</a>	120
3.4	<a href="#">Project Grants</a>	136



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognised by Govt. of Maharashtra)

**Dr. (Mrs.) J. M. Nair**  
M. Tech., Ph.D. (IIT-B)  
Principal

Ref. No.: VESIT/ JMN/1325/2023-24

Date: 26/10/2023

## TO WHOM SO IT MAY CONCERN

I, Dr. (Mrs.) Jayalekshmi M Nair, Principal (HOI), Vivekanand Education Society's Institute of Technology, do hereby state that the documents uploaded on NAAC portal are duly signed by Principal (HOI).

The additional documents uploaded on Institute's website (<https://vesit.ves.ac.in/>) are also authentic and does not need any extra validation.

**Dr. (Mrs.) Jayalekshmi M Nair**  
Principal  
Vivekanand Education Society's Institute of Technology  
Hashu Advani Memorial Complex,  
Collector's Colony  
Chembur, Mumbai, Maharashtra 400074





# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Experiential Learning

### **Workshops attended by students**

Engaging in the technical workshop provided a profound experience in experiential learning for participants. This programme enabled students to directly apply theoretical knowledge to real-world problems, by emphasising hands-on exercises. Through interactive sessions and practical exercises, students honed their technical skills and problem-solving abilities. The workshop's immersive nature facilitated a deeper understanding of complex concepts by providing tangible examples and applications. Beyond the acquisition of technical expertise, the collaborative environment encouraged teamwork and effective communication, essential skills in any professional setting. The opportunity to work on projects and interact with experienced professionals not only enhanced practical skills but also provided valuable insights into the challenges and innovations within the field. Overall, the technical workshop served as a catalyst for experiential learning, bridging the gap between theory and practice and equipping participants with the confidence and competence needed for success in their technical endeavors.

Our institution encourages students to participate in the many workshops that are held both within and outside of the institutes. In year 2021-22, our students have participated in various workshops like Application of AI in Price Prediction - Live Hands-on, Python for Data Science, Training on VLSI design, PCB Design, Web development, Flutter Workshop, API Development Workshop, Cyber Security and Ethical Hacking, IPR & Patenting, Computer Network Security etc.



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Department of Electronics Engineering

**A.Y. 2021-22**

Sr. No.	Name of Student	Class	Name of workshop	Duration
1	Freya Mota	TE	Communication Skills	26 Dec 2021-10 Jan 2022
2	Rajesh Rabindra Muni	TE	Application Of AI In Price Prediction - Live Hands-on	29 <sup>th</sup> July 2021
3	Rajesh Rabindra Muni	TE	Enhancing Soft Skills & Personality (VESIT-NPTEL Value Added Course)	1st December,2020-30th June 2021
4	Rajesh Rabindra Muni	TE	Python For Data Science	6th July, 2021-8th July, 2021
5	Avin Shejwal	TE	Training on VLSI design	9 March,2022 - 20 April,2022
6	Avin Shejwal	TE	TCS iON Career Edge - Young Professional	10 October,2021 - 18 January,2022
7	Avin Shejwal	TE	PCB Design	12 February,2022
8	Avin Shejwal	TE	IP Awareness/Training program	23 February,2022
9	Deeptanshu De	TE	PCB Design	12th February, 2022
10	Deeptanshu De	TE	IP Awareness/Training Program	23rd February, 2022
11	Aditya Ghadge	TE	The Path Toward Embedded System Engineering	9th August 2021
12	Shrijeet Desai	TE	PCB Design	February 12, 2022
13	Kartik Shanbhag	BE	Web Development Training	10 October 2021-26 January 2022
14	Ruchita Dolas	SE	Programming with APIs	29th January 2022-30th January 2022
15	Mayank Bhate	SE	V-Reach '22	13th August, 2022
16	Siddharth Dighe	SE	Data Analytics	17 August 2021-16 September 2021
17	Madhurima Tamhankar	SE	Analog Electronics	15th January 2022 - 16th January 2022
18	Dhanshree Ajay Kumar Pandey	SE	IP Awareness/ Training Program under National Intellectual Property Awareness Mission	23-02-2022



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

19	Ashwin Diwadkar	SE	ISA-VESIT	15th January 2022-16th January
20	Naimatullah Mullah	SE	Python programming Workshop	1st March 2022 -30th March 2022
21	Prajwal Poojari	SE	Java Programming	February 12, 2022
22	Rohit Rajendra More	BE	Summer Internship IEEE RAIT 2020	15/6/2021 - 31/7/2021
23	Raj Talashilkar	BE	Introduction to Quantum Computing: Quantum Algorithms and Qiskit	27/8/2021 - 27/9/2021
24	Jaie Vengurlekar	BE	Data Science Workshop on Analysing PUBG Data	27/11/2021 - 28/11/2021
25	Gautami Manoj Patil	BE	Python And Machine Learning, Web Development, Cyber Security	2/7/2021 - 9/7/2021
26	Jaie Vengurlekar	BE	AIML Workshop on Building AI-Enabled Face Mask Detector	4/12/2021 - 5/12/2021
27	Harsh Raut	BE	HTML, CSS, Javascript for Web developers by Johns Hopkins University provided by coursera	22/4/2021 - 19/6/2021
28	Abhishek Bharat Tupe	BE	Online internship in python	1/6/2021 - 12/7/2021
29	Aman Singh	BE	Python for Computer Vision with OpenCV and Deep Learning	25/10/2021 - 29/10/2021
30	Aman Singh	BE	ROS Fundamentals	20/8/2021
31	Tushar Wanave	BE	Web development at Verzeo	1/6/2021 - 1/8/2021
32	Ajith Nair	BE	Internshala Student Partner 25 (student Ambassador)	20/10/2021- 20/11/2021
33	Jaie Vengurlekar	BE	Data Science Workshop on Analyzing PUBG data	27/11/2021 - 28/11/2021
34	Jaie Vengurlekar	BE	AI-ML Workshop on Building AI-Enabled Face Mask Detector	4/12/2021 - 5/12/2021
35	Freya Mota	TE	DIGITAL SKILLS: ARTIFICIAL INTELLIGENCE	23/12/2021 -3/1/2022
36	Freya Mota	TE	DIGITAL MARKETING	30/12/2021 - 6/1/2022
37	Freya Mota	TE	TCS iON Career Edge - Young Professional	26/12/2021 - 10/1/2022
38	Freya Mota	TE	Digital Marketing and its Influence on Brand Switching (Internship)	5/12/2021 -3/1/2022



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

39	Freya Mota	TE	My SQL Basics	1/1/2022 - 1/1/2022
40	sneha jadhav	TE	3D PRINTING	3/10/2021 -3/10/2021
41	Bivab Sahoo	TE	Online Educational Website	15/6/2021 -30/7/2021
42	Sushil kumar radheshyam kori	TE	Graph up with chart.js	19/9/2021 -19/9/2021
43	Saniya Shaikh	TE	Starting with Aptitude Preparation	4/12/2021 -8/1/2022
44	Ganesh Patel	TE	Python Complete Course For Beginners	1/8/2021 -1/8/2021
45	Harsh Jadhav	TE	The path towards Embedded System Engineer	9/8/2021 -9/8/2021
46	Harsh Jadhav	TE	Starting with aptitude preparation	4/12/2021 -8/12/2021
47	Isha Girathe	TE	VESIT tinkerer's lab 'IOT based weather monitoring system'	15/6/2021 -15/7/2021
48	Shrijeet Desai	TE	Bootcamp From Zero to Hero in Python	10/12/2021 -22/1/2022
49	Shrijeet Desai	TE	TCS ION Career Edge - Young Professional	29/9/2021 -13/10/2021
50	Prachi Sunil Bhalerao	TE	Intershala Training	21/6/2021 -21/7/2021
51	Piyush Tharewal	TE	IoT based Noise Pollution Monitoring System	15/6/2021 -15/7/2021
52	Mayur Ambhore	TE	English for oral communication	2/8/2021 -21/11/2021
53	Atharva Ahire	TE	SC-900:Microsoft security, compliance, and identity Fundamentals	16/12/2021 -16/12/2021
54	Freya Mota	TE	Iot based Air Pollution Monitoring System "	15/6/2021 - 15/7/2021
55	Isha Girathe	TE	VESIT tinkerer's lab 'IOT based weather monitoring system'	15/6/2021 -15/7/2021
56	Tanmay Shinde	TE	Exposys Data Labs Internship(App Developer)	3/12/2021 - 1/1/2022
57	Tanmay Shinde	TE	UI/UX Designing	1/9/2021 - 30/9/2021
58	Tanmay Shinde	TE	Data Analytics with Python	1/10/2021 -31/10/2021
59	Rohan Sawant	TE	IOT based earthquake prediction	15/6/2021 -15/7/2021
60	Tanmay Shinde	TE	Python Programming	1/1/2022 -15/1/2022
61	Atharva Ahire	TE	The fundamentals of digital marketing	10/10/2021 -12/10/2021



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

62	Rohan Sawant	TE	Internship - Shavison Electronics Pvt. Ltd. Ambernath(E)	13/12/2021 -9/1/2022
63	Mahesh Bhagat	TE	IOT Master Class	28/10/2021 -13/12/2021
64	Mahesh Bhagat	TE	Master Class on Deep Learning	17/11/2021 -30/12/2021
65	Deeptanshu De	TE	TCS iON Career Edge - Young Professional	10/10/2021 -9/12/2021
66	Deeptanshu De	TE	2022 Complete Python Bootcamp From Zero to Hero in Python	7/12/2021 -28/1/2022
67	Gaurav dhande	TE	Gaurav dhande	29/11/2021 -29/1/2022
68	Piyush Tharewal	TE	Basis of machine learning	1/2/2021 -8/1/2022
69	Piyush Tharewal	TE	Supervised machine learning with logistic regression and naive bayes	16/1/2022 -23/1/2022
70	Piyush Tharewal	TE	Supervised Machine Learning with Tree Based models	23/1/2022 -26/1/2022
71	Piyush Tharewal	TE	Unsupervised Machine Learning with K-Means	27/2/2021 -28/2/2021
72	Piyush Tharewal	TE	Introduction to deep learning	7/2/2021 -14/2/2021
73	Shrijeet Desai	TE	Introduction to Web Development	25/12/2021 -28/1/2022
74	Avin Shejwal	TE	TCS iON Career Edge - Young Professional	10/10/2021 -18/1/2022
75	Vipul Vishe	TE	Python Programming	4/7/2021 -16/8/2021
76	Deeptanshu De	TE	Introduction to Web Development	17/12/2021 -29/1/2022
77	Manasi Nerurkar	TE	Machine Learning	8/5/2021 -22/7/2021
78	Manasi Nerurkar	TE	The Python Mega Course	9/4/2021 -13/6/2021
79	Anushka Prashant kamble	TE	Front End Development - HTML	30/1/2022 -31/1/2022
80	Kiran Ramgiri	TE	3D Printing	3/10/2021 -3/10/2021
81	Anushka Prashant Kamble	TE	Front End Development - CSS	29/1/2022 -1/2/2022
82	Alton Creado	TE	Java Programming	13/6/2021 -15/6/2021
83	Alton Creado	TE	Excel for Beginners	17/6/2021 -19/6/2021
84	Shraddha Ankush Mane	TE	Implant training , PCB design	9/12/2021 -7/1/2022
85	Rajesh Rabindra Muni	TE	Application of AI in Price Prediction - Live Hands-on	29/7/2021 -29/7/2021



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

86	Anushka Kamble	TE	VLSI DESIGN	31/1/2022 -5/4/2022
87	Bhakti Kambli	TE	Machine Learning	14/7/2021 -19/9/2021
88	Pratiksha Bhagwan Mhadgut	TE	SQL programming	25/2/2022 -27/2/2022
89	Madhurima Kaustubh Tamhankar	SE	IoT based weather monitoring	14/6/2021 - 8/7/2021
90	Ruchita Dolas	SE	Ruchita Dolas	29/1/2022 - 30/1/2022
91	Mayank Bhate	SE	Introduction to Finance, Accounting, Modeling, and Valuation	13/8/2021 - 15/8/2021
92	Gauraang Prabhudesai	SE	IOT Based Weather Monitoring by Tinkerer's	15/6/2021 - 15/7/2021



**Sample certificate-workshop  
attended by the student**



**Sample certificate-workshop  
attended by the student**





# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Workshops attended by students

### Department of Computer Engineering

Sr No	Student List	Workshop Name	Number of Days
1	Adarsh Sawant	Django Workshop	3 Days
2	Aditya Atmaram Sawant		
3	Adwait Rajiv Shirodkar		
4	Amit V. Joshi		
5	Anjali Badlani		
6	Anjali Hassani		
7	Arya Telavane		
8	Chirag Matai		
9	Chirag Parchani		
10	Deepika Gambani		
11	Dhruv Sachdev		
12	Dimple Nachnani		
13	Dinesh Kannan		
14	Divesh Watwani		
15	Etisha Mathurvaishya		
16	Gonal Vivek Shivkumar		
17	Hanish Valecha		
18	Hanshika Jasuja		
19	Harsh Singh		
20	Hitesh Gyanchand Santani		
21	Iyer Nikhita K		
22	Jatin Chhabria		
23	Kanchan Nathani		
24	Karan Kalani		
25	Karan Rohra		
26	Khushi Udaysingh Chouhan		
27	Mayur Manik Pawar		
28	Meet Patel		
29	Nihar Hemantkumar Kenny		
30	Nirmiti Sali		
31	Omkar Mane		
32	Paarth Ulhas Kulkarni		
33	Piyush Nihalani		
34	Prasad Anshal Sanjay		
35	Ruchika Dusija		
36	Samita Mahesh Kanojia		



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

37	Samtraï Nikita Manojkumar		
38	Saurabh Lalwani		
39	Saurabh Suresh Lalwani		
40	Saurav Kalaskar		
41	Sejal Budhani		
42	Sharma Karan Manoj		
43	Siddhi Amar Bhosale		
44	Sneha Karthik		
45	Tejas Gala		
46	Vaishnavi Ainapure		
47	Yash Laddha		
48	Yash Wadhvani		
49	Yogesh Khatri		
50	Aaditya Moykhede		
51	Abhishek M Patwardhan		
52	Anisha Dhameja		
53	Asmita Bhangare		
54	Bharat Uttamchandani		
55	Bhavesb Lohana		
56	Bhavika Mulwani		
57	Daksh Ramchandani		
58	Dipti Rajesh Menghani		
59	Divya Raisinghani		
60	Ekta Dhanraj Rohra		
61	Gunjan Lalwani		
62	Harsh Singh		
1	Hitesh Ahuja	React Workshop	2 days
2	Hrithika Singh		
3	Khushboo Bajaj		
4	Khushi Udaysingh Chouhan		
5	Laveena Kithani		
6	Madhav Bhutada		
7	Mohit Gyanchand Lalwani		
8	Nair Ajay Ravindran		
9	Namrata Tolani		
10	Nikita Pradeep Jha		
11	Nimisha Khadilkar		
12	Nishikant Patil		
13	Niyanti Pramod Padave		
14	Palak Garg		
15	Pallavi Saindane		



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

16	Pratik Aswani		
17	Prerak Moolchandani		
18	Puneet Meghrajani		
19	Rashmi Singh		
20	Riddhi Khole		
21	Roshni Sanjay Jha		
22	Shruti Kamlesh Koku		
23	Shruti Mehta		
24	Shubham Zope		
25	Shubhangi Zope		
26	Simran Watwani		
27	Sonali Bodhwani		
28	Yash Anand Kriplani		
29	Abhishek Odrani		
30	Chirag Dayaramani		
31	Deepika Mangnani		
32	Gunjan Bhawsinghka		
33	Jaishree Golani		
34	Khushboo Bhatia		
35	Manasvi Nilesh Patwa		
36	Manigandan Kashimani		
37	Mohit Peshwani		
38	Sadhvi Naresh Ganuwala		
39	Sakshee Sawant		
40	Srushti Santosh Biwalkar		
41	Varsha Vijesh Jawrani		
42	Vipin Talreja		
43	Amisha Swamy		
44	Anurag Saraswat		
45	Atharva Kathane		
1	Disha Bharat Mehta	Flutter Workshop	2 Day Workshop
2	Laveena Harish Shewkani		
3	Pranav Gadhawe		
4	Prithvi Kumar		
5	Radhika Katiyara		
6	Riya Menon		
7	Siddhesh Sharad Gadge		
8	Vaishnavi Prashant Shinde		
9	Nidhi Rohra		
10	Omkar Mangalpalli		



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

11	Priti Prajapati		
12	Paras Patil		
13	Rakshit Deshmukh		
14	Rashmi Singh		
15	Riya Ranglani		
16	Ruturaj Wairkar		
17	Shreyas Kotkar		
18	Shreya Hegde		
19	Tejas Mahajan		
20	Tinkers Codecell CMPN		
21	Vishesh Mittal		
22	Sakshi Gujarathi		
23	Manasi Nerurkar		
		API Development Workshop	1 day workshop and competition
1	Prathamesh Pradhan		
2	Kartik Vijay Shanbhag		
3	Saptarshi Das		
4	Janhavi Patil		
5	Jogendra Balotiya		
6	Arunim Chakraborty		
7	Kunal Purswani		
8	Paraskumar Panchal		
9	Shruti Dalvi		
10	Shreyansh Singh		
11	Shree Samal		
12	Harsh Deshmukh		
13	Meera Sawantdesai		
14	Nikkita Gurnani		
15	Tanisha Patil		
16	Dimple Madhwani		
17	Aayush Hemendra Shribatho		
18	Soham Kayal		
19	Mukul Kolpe		
20	Anish Lohiya		
21	Mayur Ambhore		
22	Galani Janvi		
23	Ankit Balwani		
24	Sakshi Santosh Patil		
25	Roshini Panjwani		
26	Mohit Shahdadpuri		



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

27	Jay Deshmukh		
28	Yash Kaka		
29	Nikhil Haswani		
30	Kedar Jagannath Gawhankar		
31	Sahil Salunkhe		
32	Swapnil Umesh Sakpal		
33	Kedar Jagannath Gawhankar		
34	Ajinkya		
35	Nimish Chidrawar		
36	Aditi Miniyar		
37	Pushkaraj Charudatta Chaudhari		
38	Satyam Mishra		
39	Riddhi Mehta		
40	Arul Thakur		
41	Vini Talreja		
42	Khushi Mahamunkar		
43	Advait		



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Workshops attended by students

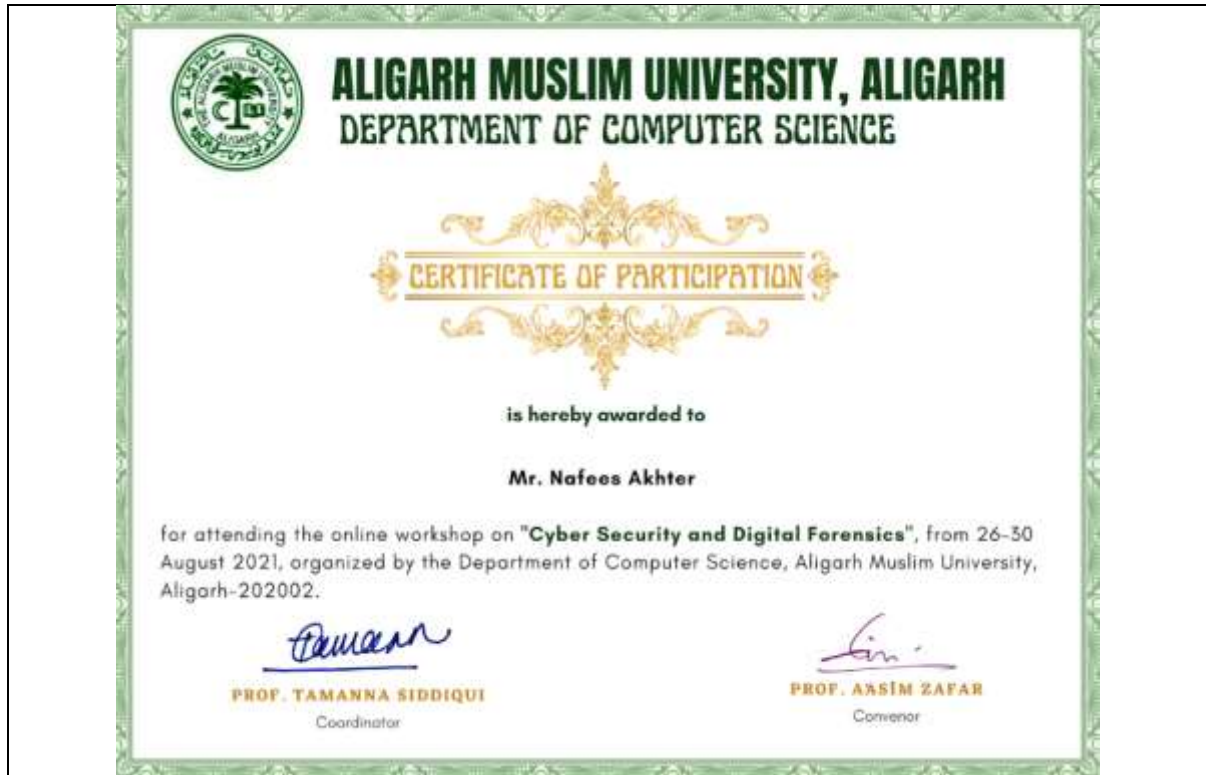
### Department of Electronics and Telecommunication Engineering

Sr. No	Name of Student	Class	Name of Workshop	Duration
1	Rajat Sunil Mhatre	BE	Cyber Security and Ethical Hacking	2 Months
2	Rajat Sunil Mhatre	BE	Campus Ambassador in AIDS boot camp	1 Month
3	Rajat Sunil Mhatre	BE	Data Science and Artificial Intelligence Bootcamp	1 Week
4	Saheb Wadhwa	BE	Raspberry pi and Image processing workshop	2 days
5	Saheb Wadhwa	BE	Design Thinking workshop	1 day
6	Tanya Dubey	BE	Design Thinking workshop	1 day
7	Tanya Dubey	BE	MSP430	1 day
8	Paritosh Borkar	BE	MSP 430	15
9	Shreyas Ashok Patil	BE	MSP430	15
10	Omkar Sakpal	BE	MSP430	15
11	Mcvean Soans	BE	Design Thinking Workshop	1 day
12	Kirti Khairnar	BE	Design The Thinking	1 day
13	Pratham Patil	BE	AI and DS	2 weeks
14	Pooja Narayanan	SE	Data Science and Artificial Intelligence Bootcamp	2 weeks
15	Pooja Narayanan	SE	Global Virtual Technology Summit PI-WOT 2021	2 days
16	Nafees Akhter	BE	Cybersecurity and Digital Forensics	4
17	Pooja Narayanan	SE	Interfacing with arduino, Coursera	4 weeks



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



Sample Certificate of Participation



Sample Certificate of Participation



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Workshops attended by students

### Department of Information Technology

Sr. No	Name of Student	Class	Name of Workshop	Duration
1	Samartha Rayguru	SE	Basic Web Development with JS & React JS	7 days
2	Samartha Rayguru	SE	Web Development	21.06.2021 - 26.06.2021
3	Rohit Yadav	SE	Basic Web Development	7 days
4	Kanabar Kanaiya Giradharlal	TE	IPR & PATENTING	28.08.2021
5	Rahul Nailwal	TE	IPR & PATENTING	28.08.2021
6	Sakshi Gattani	TE	Preparing the Entrepreneurship Mindset	31.07.2021
7	Sony Hotchandani	TE	Javascript and React JS	7 days
8	Yadav Anandkumar	TE	Design to Development	15.10.2021 - 17.10.2021
9	Kachhela Ajay	TE	Javascript and React JS	7 days
10	Khan Riyaz Ahmad Ishraque Ali	TE	Data Preprocessing and Web Scraping	06.07.2021 - 07.07.2021
11	Swarali Patil	TE	IEEE Entrepreneurship	05.07.2021 - 10.07.2021
12	Anusha Shetty	TE	GITHUB	2020-21
13	Swarali Patil	TE	IPR & PATENTING	28.08.2021
14	Khan Riyaz Ahmad	TE	AI Foundation: Model Training	13.02.2021 - 14.02.2021
15	Sakshi Kharche	TE	IPR & PATENTING	28.08.2021
16	Swarali Patil	TE	Computer Network Security	04.09.2021
17	Aasthaa Bohra	TE	Creative writing Online Workshop	27.07.2021 - 20.0.2021
18	Sanket Vijay Pagrut	TE	IPR & PATENTING	28.08.2021
19	Omkar Pawar	TE	Javascript	12.06.2021 - 13.06.2021





# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



Sample Certificate of workshop  
attended



Sample Certificate of workshop  
attended



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Workshops attended by students

### Department of Instrumentation Engineering

Sr. No	Name of Student	Class	Name of Workshop	Duration
1	Kumbhare Raunik Laxman	SE	Analog Electronics workshop	2 days
2	Chavan Vedang	SE	Analog Electronics workshop	2 days
3	Anand Shivangi	BE	ISTE approved workshop	1 week
4	Anand Shivangi	BE	NIPAM workshop	2 hours
5	Aditya Anil Dange	SE	ESP 32 Micropython Workshop	2 days

<p style="text-align: center;"><b>CERTIFICATE OF PARTICIPATION</b> Awarded to <i>Vedang Chavan</i> For attending workshop on 'Analog Electronics'. The online workshop was conducted on Google Meet platform from 15<sup>th</sup> January to 16<sup>th</sup> January 2022.</p> <p>DR. J.M. NAIR      PROF. JAYASSRE R.      PROF. GOPALKRISHNAN N.      MR. JATIN DANDELIA Principal VESIT      Faculty Advisor ISA-VESIT      Faculty Advisor ISA-VESIT      President ISA-VESIT</p>	<p style="text-align: center;"><b>CERTIFICATE</b> This is to certify that, <b>MS. SHIVANGI ANAND</b> of <b>VIVEKANAND EDUCATION SOCIETY'S INSTITUTE OF TECHNOLOGY</b> has successfully participated in IP Awareness/Training program under <b>NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION</b> on February 21, 2022 during <b>Azadi Ka Amrit Mahotsav</b> Organized by <b>Intellectual Property Office, India</b></p> <p>Date: March 01, 2022</p> <p style="text-align: right;">(DR. ANAND K. KETHWALA) CONTROLLER GENERAL OF PATENTS, DESIGNS &amp; TRADE MARKS</p>
<b>Sample Certificates of workshop attended</b>	



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Workshop Attended by Students

### Department of MCA

Sr. No	Name of Student	Class	Name of Workshop	Duration
1	Monish Shetty	MCA First Year	A 6 day workshop on ReactJS	06 Days
2	Sara Balbale	MCA First Year	A 6 day workshop on ReactJS	06 Days
3	Shubham Bendal	MCA First Year	A 6 day workshop on ReactJS	06 Days



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Industry/ Institute Internship

Participating in the Industry/Institute Internship program marked a pivotal moment in experiential learning for students. Unlike traditional classroom settings, this program immersed participants directly into the daily operations of a professional environment, offering invaluable insights and practical experiences. Working alongside industry professionals provided a firsthand understanding of the application of theoretical concepts in real-world scenarios. The internship not only enhanced technical skills but also fostered the development of critical soft skills such as communication, problem-solving, and adaptability. Exposure to the workplace culture and dynamics allowed participants to navigate professional settings, gaining a comprehensive understanding of industry expectations. The direct interaction with seasoned professionals provided mentorship opportunities, offering guidance and valuable career insights. Our institution always encourages the students to do an internship within college under Tinkerer's lab programme or VRC programme or students can complete their internship in the industry as well.

In academic year 2021-22 our students have completed the internship in various industries like Connexious 24x7, Hermes electronics pvt ltd, VESIT tinkerer's lab, Bhabha Atomic Research Centre, Tarapur, Decibels Lab Pvt. Ltd, Makos Infotech, Icapotech pvt. Ltd., Scientific Devices Pvt. Ltd., B&R automation, Nice consultancy, Exposys Labs, IMA-PG India Pvt Ltd, RCF Thal, Alibag, Reliance industries Ltd Nagothane, Sierra Controls, Vkonex AI, Springfield Olympiads, Sparks foundation, Fibbl financial services, Nomura, General Mills, KPMG, Dark Horse Digital, Metamorphosis etc.



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Department of Electronics Engineering

A.Y. 2021-22

Sr. No.	Name of Student	Class	Name of Company	Starting Date	Completion Date	Duration
1	Smriti Karn	TE	Tinkerer's lab VESIT	15-06-2021	15-07-2021	1 Month
2	Tushar Wanave	BE	Connexious 24x7	07-06-2021	07-07-2021	4 weeks
3	Ratul Kumar Modak	BE	VESIT	15-06-2021	15-07-2021	1 Month
4	Sudhanshu Karwa	BE	Absolute Motion Pvt Ltd	14-09-2021	14-10-2021	1 Month
5	Bivab Sahoo	TE	VESIT	15-06-2021	30-07-2021	7 weeks
6	Ajith Nair	TE	Tinkerer's Lab	15-06-2021	15-07-2021	1 Month
7	Ashmit Mukherjee	TE	Jadoo magic	16-06-2021	16-07-2021	1 Month
8	Aakash Dubey	TE	Hermes electronics pvt ltd	15-06-2021	15-07-2021	4 week 3 days
9	Ganesh Patel	TE	Tinkerer's Lab Electronics, VESIT	15-06-2021	15-07-2021	4 weeks
10	Gaurav Salgaonkar	TE	Tinkerer's Lab Electronics, VESIT	15-06-2021	15-07-2021	1 Month
11	Hrithik R Sapkale	TE	Tinkerer's Lab Electronics, VESIT	15-06-2021	15-07-2021	4 weeks
12	Rohan Sawant	TE	VESIT - Tinkerer's lab	15-06-2021	15-07-2021	1 Month
13	Bhakti Kambli	TE	Internshala	14-06-2021	02-08-2021	6 weeks
14	Prachi Sunil Bhalerao	TE	Tinkerer's lab Electronics, VESIT	15-06-2021	15-07-2021	1 Month
15	Prachi Bhalerao	TE	Internshala Training	21-06-2021	21-07-2021	1 Month
16	Isha Girathe	TE	VESIT tinkerer's lab	15-06-2021	15-07-2021	1 Month



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

17	Ritik Choudhary	BE	Discover Technologies	10-07-2021	10-08-2021	1 Month
18	Ritik Choudhary	BE	Tinkerer's lab Electronics	15-06-2021	15-07-2021	1 Month
19	Rohan Sawant	TE	Shavison Electronics Pvt. Ltd. - Ambernath(E)	13-12-2021	09-01-2022	1 Month
20	Piyush Tharewal	TE	Tinkerer's Lab Electronics, VESIT	15-06-2021	15-07-2021	1 Month
21	Aditya Rana	TE	Bhabha Atomic Research Centre, Tarapur	09-12-2021	31-12-2021	14 days
22	Nikhil Chavan	TE	Tinkerer lab Electronics, VESIT	15-06-2021	15-07-2021	1 Month
23	Gaurav Dhande	TE	Tinkerers lab electronics (VESIT)	15-06-2021	15-07-2021	1Month
24	Tanmay Shinde	TE	Exposys Data Lab	03-12-2021	01-01-2022	1 Month
25	Shrijeet Desai	TE	Vivekanand Education Society Institute of Technology	15-06-2021	15-07-2022	1 Month
26	Atharva Ahire	TE	VESIT Renaissance Cell	15-06-2021	30-07-2021	1 Month and 15 days
27	Atharva Ahire	TE	Tinkerer's-Lab-VESIT-ETRX	15-06-2021	15-07-2021	1 Month
28	Deeptanshu De	TE	VESIT	15-06-2021	15-07-2021	1 Month
29	Andrew Jose	TE	Tinkerer's lab	15-06-2021	15-07-2021	4weeks and 3 days
30	Harsh Jadhav	TE	Western Regional Instrumentation Centre Mumbai	09-12-2021	30-12-2021	3 Weeks
31	Harsh Jadhav	TE	Western Regional Instrumentation Centre Mumbai	31-12-2021	07-01-2022	1 week



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

32	Avin Shejwal	TE	VESIT	15-06-2021	15-07-2021	1 Month
33	Sushil Kori	TE	Tinkerer's lab electronics, VESIT	15-06-2021	15-07-2021	1 Month
34	Manasi Nerurkar	TE	WeChange NGO	15-03-2021	15-08-2021	6 Months
35	Manasi Nerurkar	TE	Tinkerers Lab VESIT	15-06-2021	15-07-2021	1 Month
36	Manasi Nerurkar	TE	VESIT Renaissance Cell	15-06-2021	30-07-2021	1 Month
37	Aman Singh	BE	Decibels Lab Pvt. Ltd.	07-06-2021	03-07-2021	4 weeks
38	Bhairavi Joshi	TE	VESIT Tinkerer's Lab	15-06-2021	15-07-2021	4 weeks
39	Freya Mota	TE	TCS iON	05-12-2021	03-01-2022	45 hours
40	Kiran Ramgiri	TE	Hermes Electronics Pvt. Ltd.	15-06-2021	15-07-2021	1 Month
41	Rugved Pawar	TE	Tinkerer's lab vesit	15-06-2021	06-08-2021	4 weeks
42	Aditi Jamwal	TE	HW Innovations	01-12-2021	31-01-2022	2 Months
43	Ritik N Choudhary	BE	Exposys Data Lab	03-12-2021	02-01-2022	1 Month
44	Chaitanya Brid	TE	Discover Technologies	15-06-2021	09-08-2021	6 weeks
45	Ketaki Sunil Purohit	TE	TCR innovation	12-06-2021	12-08-2021	2 Months
46	Dipesh Varve	TE	Western regional instrumentation centre	09-12-2021	07-01-2022	4 weeks
47	Saniya Shaikh	TE	VESIT-Tinkerer's lab	12-05-2021	12-06-2021	1 Month
48	Poorvesh Powale	TE	Tinkerer's Lab VESIT	15-06-2021	15-07-2021	1 Month
49	Vipul Vishe	TE	Western Region Instrumentation centre	09-12-2021	30-12-2021	3 weeks
50	Vipul Vishe	TE	Western Region Instrumentation centre	31-12-2021	07-01-2022	1 week
51	Samay Gadade	TE	Tinkerer's Lab	15-06-2021	15-07-2021	1 Month
52	Gaurav Autade	TE	Tinkerer's lab electronics, VESIT	15-06-2021	15-07-2021	4 weeks



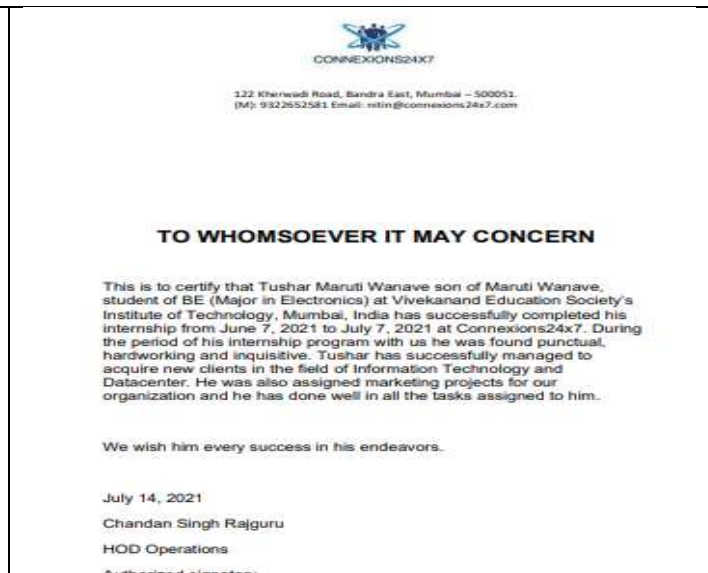
# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

53	Ashwini Gawhale	TE	VESIT	15-06-2021	30-07-2021	1 Month
54	Rajesh Muni	TE	VESIT Renaissance Cell	15-06-2021	30-07-2021	6 weeks
55	Rajesh Muni	TE	Newton School	14-06-2021	14-09-2021	3 Months
56	Rajesh Muni	TE	Leads Flick	28-06-2021	28-07-2021	1 Month
57	Rajesh Muni	TE	Tinkerer's Lab Electronics, VESIT	15-06-2021	15-07-2021	1 Month
58	Aditya Tamse	BE	VESIT Tikerer's Lab	15-06-2021	15-07-2021	1 Month
59	Vrushank Dhande	TE	Grroom	17-09-2021	17-05-2022	8 Months
60	Isha Girathe	TE	Grroom	22-02-2022	22-04-2022	2 Months
61	Ritevik Bisht	TE	TCR Innovation	15-06-2021	15-08-2021	2 Months
62	Aditya Bedekar	TE	Godrej & Boyce Mfg.Co.Ltd	01-06-2022	30-06-2022	1 Month



**Sample Certificate of student participation**



**Sample Certificate of student participation**





# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Industry/ Institute Internship

### Department of Computer Engineering

Sr. No.	Student Name	Class	Company Name	Title of Project	Starting date	End date
1	Jay Jhaveri	BE	Makos Infotech	<a href="http://Jobaskit.com">Jobaskit.com</a>	6/15/2021	7/10/2021
2	Muskan Hassanandani	TE	Stocc Guru	Android development	6/16/2021	8/20/2021
3	Shreeja Nanda	BE	Deepstory	Research & Development	8/4/2021	11/4/2021
4	Iyer Nikhita K	TE	LetsGrowMore	Task 1 - Create Single Page Website , Task 2 - Create web application using create-react-app	8/1/2021	8/30/2021
5	Radhika.Katiyara	TE	LetsGrowMore	Single page website and generate API of users using react app	8/1/2021	9/1/2021
6	Salonee Velonde	BE	Stocc Guru	Stocc Guru App	6/15/2021	8/20/2021
7	Deepika Gambani	BE	STOCC GURU	Search Engine Optimization	6/15/2021	8/30/2021
8	Ruchika Dusija	TE	GRIP: The Sparks Foundation	Payment Gateway Integration System	7/1/2021	7/30/2021
9	Dhruvisha Mondhe	TE	Icapotech pvt. Ltd.	Data analytics intern	5/18/2021	8/31/2021
10	Girish Moti Khemchandani	TE	The Sparks Foundation	Payment Gateway Integration	7/5/2021	8/5/2021
11	Lavina Virwani	TE	The Sparks Foundation	Payment Gateway Integration	7/1/2021	8/1/2021
12	Jai Malani	TE	Material Depot	Full Stack Developer	7/4/2021	11/4/2021



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

13	Kusum Rohra	TE	Ridobiko Solutions Private Limited	Web Development	7/11/2021	11/11/2021
14	Jai Malani	TE	SNURSS Group Productions	Web Development	5/10/2021	6/10/2021
15	Khushboo Dalwani	TE	Chain Labs	Chainlabs website	8/1/2021	11/1/2021
16	Ruturaj D Wairkar	TE	TCR Innovation	Builder's Website	7/15/2021	9/1/2021
17	Shruti Kamlesh Koku	TE	LetsGrowMore	Web development	8/1/2021	8/31/2021
18	Rashmi Singh	TE	Aspexx Health	Website development	7/7/2021	8/2/2021
19	Shreeja Nanda	BE	SmartKnower	Wine Quality Prediction using ML	7/5/2021	9/30/2021
20	Abinash Behera	TE	STATE BANK OF INDIA	Swayam Monitoring Tool.	6/15/2021	7/31/2021
21	Saurav Sunil Telge	BE	WeSkill	AI-based dance judging system	6/23/2021	11/22/2021
22	Drishti Katiyara	TE	LetsGrowMore	Bookie - Single page website, LGM Users	8/1/2021	8/30/2021
23	Mahek Nagdev	BE	Auto-DL	Auto-DL	6/21/2021	8/21/2021
24	Mahek Nagdev	BE	GTLB Infotech PVT. LTD	Know Your Personality	6/1/2021	8/15/2021
25	Nilay Tamane	BE	Capgemini	1)Optical character Recognition 2) Natural language processing	6/23/2021	8/20/2021
26	Aniket Dewanani	TE	Youth India E-School	Youth India E-School Site	6/5/2021	9/5/2021
27	Shreyas Udapa	BE	Smartknower	Artificial	7/1/2021	8/31/2021



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

				Intelligence		
28	Dimple Naresh Nachnani	BE	VRC(VESIT)	Brain Tumor Detection and Classification using Image processing and Deep learning approach	6/14/2021	8/1/2021
29	Etisha Mathurvaishya	BE	Stoccc Guru	Stoccc Guru Android Application	7/1/2021	8/31/2021
30	Jatin Chhabria	BE	VRC(VESIT)	Brain Tumor Detection and Classification using Image processing and Deep learning approach	6/14/2021	8/1/2021
31	Anurag Saraswat	TE	Internship Studio	E-Commerce Web Site	7/3/2021	8/7/2021
32	Srishti Shetty	BE	Technical Coding Research Innovation	PickyOutlet(Ecommerce Website)	6/24/2021	8/24/2021
33	Gauri Mahajan	TE	Technical Coding Research(TC R) Innovation	Picky Outlet (E-commerce website)	6/24/2021	8/24/2021
34	Manigandan Kasimani	TE	Internship Studio	E-commerce portal	7/3/2021	8/7/2021
35	Prium Rohera	TE	The Sparks Foundation	Payment gateway integration	7/1/2021	8/1/2021
36	Gurudatt Gaonkar	BE	The Sparks Foundation	Predict the percentage of the student based on number of study hours	8/1/2021	9/7/2021



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

37	Prithviraj Chavan	TE	LetsGrowMore	LetsGrowMore (LGM)Web Development Virtual Internship LGM-VIP October 2021	10/1/2021	10/31/2021
38	Vaishnavi A. Ainapure	BE	The Sparks Foundation	Exploratory Data Analysis - Terrorism Dataset	10/1/2021	11/2/2021
39	Vaishnavi A. Ainapure	BE	The Sparks Foundation	Exploratory Data Analysis - Terrorism Dataset	10/1/2021	11/2/2021
40	Nikita Narwani	SE	Ace Writers Hub	Web development	1/7/2022	2/7/2022
41	Yash Kaka	SE	Exposys data labs	Webchat using Django	12/4/2021	1/4/2022
42	Deanna Jerry Fernandes	SE	Exposys Data Labs	Web Chat using Django	12/4/2021	1/4/2022
43	Tithi Jhamnani	SE	Exposys Data Labs	Content writing	12/6/2021	1/5/2022
44	Figo Evander Cardozo	SE	Exposys Data Labs	Encryption using triple DES	12/3/2021	1/2/2022
45	Shubhangi Zope	TE	Technotreon Intellectual Ventures	Startup project Fitolo - website and research and development on ERP	7/7/2021	1/7/2022



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

46	Shivani Shenai	BE	IIT Bombay	Document Analysis Tools under IIT Decile Team	3/20/2022	9/20/2022
----	----------------	----	------------	--	-----------	-----------

	
<b>Sample certificate of student participation</b>	<b>Sample certificate of student participation</b>



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Industry/ Institute Internship

### Department of Instrumentation Engineering

Sr. No	Name of Students	Industry Name	Start Date	End date	Duration
1	Verma Rajnandini Rajesh Kumar	Bennett, Coleman & Co. Ltd.(The Times Group)	16/7/2021	25/8/2021	40 Days
2	C S Lakshmi Sundaram	Exposys Datalabs	3/12/2021	2/1/2022	1 month
3	Rutwik Anant Pendse	Sierra Instrumentation & Control	20/12/2021	05/01/2022	15 days
4	Thikade Sanket Sanjay	R.K. Dutt Concerns	13/12/2021	08/01/2022	24 days
5	Raunik Kumbhare	Exposys Data Labs	8/12/2021	07/01/2022	1 month
6	Mhadgut Sanchit Navneet	Exposys Labs	02/12/2021	26/12/2022	1 Month
7	Malusare Sachi Rajendra	Nice Consultancy	15/6/2021	10/07/2021	3 weeks
8	Mandhare sandesh hambirrao	B&R automation	18/10/2021	27/10/2021	10 days
9	Mandhare sandesh hambirrao	Nice consultancy	15/6/2021	10/07/2021	3 week
10	Gurav Aaditya Dipak	VESIT	13/09/2021	22/10/2021	1 month
11	Gaonkar Abhijeet Laxman	VESIT	13/09/2021	22/10/2021	1 month
12	Kadam Aditya Sanjay Latika	Supertech Instrumentation Services	28/01/2021	11/2/2021	15 days
13	Kadam Aditya Sanjay Latika	Perfect Instrumentation Controls	16/06/2021	11/07/2021	25 days



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

14	Gurav Aaditya Dipak	R.C.F, Thal-Alibag.	10/12/2021	25/12/2021	15 days
15	Pillai Shivashakti Raman	RK Dutt	13/12/2021	08/01/2022	24 days
16	Pillai Shivashakti Raman	Nice Consultancy	15/6/2021	10/07/2021	26 days
17	Zhankar Aditi Amit	VESIT	13/09/2021	22/10/2021	1 month
18	Waghmare Ajinkya Rajendra	VESIT	13/09/2021	22/10/2021	1 month
19	Mopkar Amogh Dattaprasad	VESIT	13/09/2021	22/10/2021	30
20	Sadhu Amogh Uttam	VESIT	13/09/2021	22/10/2021	1 month
21	Mestry Aniruddha Vinod	VESIT	13/09/2021	22/10/2021	1 month
22	Daware Anushka Vidyanand	VESIT	13/09/2021	22/10/2021	1 month
23	Yadav Atish	VESIT	13/09/2021	22/10/2021	1 month
24	Shetty Bhavit Bhaskar	VESIT	13/09/2021	22/10/2021	1 month
25	Nigudkar Chinmayi	VESIT	13/09/2021	22/10/2021	1 month
26	Shah Devanshi Kapil	VESIT	13/09/2021	22/10/2021	1 month
27	Govilkar Gaurav	VESIT	13/09/2021	22/10/2021	1 month
28	Patil Gaurav Kamalakar	VESIT	13/09/2021	22/10/2021	1 month
29	Pakhale Hrutika Mahesh	VESIT	13/09/2021	22/10/2021	1 month
30	Sharma Ishaan Rajan	VESIT	13/09/2021	22/10/2021	1 month
31	Khavnekar Kaustubh Vishnu	VESIT	13/09/2021	22/10/2021	1 month
32	Shelar Krishna Vithoba	VESIT	13/09/2021	22/10/2021	1 month
33	Patil Manish Gajanan	VESIT	13/09/2021	22/10/2021	1 month
34	Nair Nidhi Vivek	VESIT	13/09/2021	22/10/2021	1 month
35	Hirugade Omkar Satish	VESIT	13/09/2021	22/10/2021	1 month
36	Jaladi Omkar	VESIT	13/09/2021	22/10/2021	1 month
37	Kadam Prachay Prakash	VESIT	13/09/2021	22/10/2021	1 month



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

38	Ukarande Prajakta Arun	VESIT	13/09/2021	22/10/2021	1 month
39	Waghmode Pratik Ramchandra	VESIT	13/09/2021	22/10/2021	1 month
40	Dubey Priyanshu Rajesh	VESIT	13/09/2021	22/10/2021	1 month
41	Maurya Rahul	VESIT	13/09/2021	22/10/2021	1 month
42	Patil Rahul Sanjay	VESIT	13/09/2021	22/10/2021	1 month
43	Singh Rashmi Amar	VESIT	13/09/2021	22/10/2021	1 month
44	Singh Rashmi Chandrashekhar	VESIT	13/09/2021	22/10/2021	1 month
45	Shaikh Rizwan	VESIT	13/09/2021	22/10/2021	1 month
46	Bhor Rohan	VESIT	13/09/2021	22/10/2021	1 month
47	Panchal Rohan Ratnakar	VESIT	13/09/2021	22/10/2021	1 month
48	Mhatre Rohit Narayan	VESIT	13/09/2021	22/10/2021	1 month
49	Vedak Rutvik Sachin	VESIT	13/09/2021	22/10/2021	1 month
50	Pendse Rutwik Anand	VESIT	13/09/2021	22/10/2021	1 month
51	Mandhare Sandhesh	VESIT	13/09/2021	22/10/2021	1 month
52	Bhosale Saurav Sachit	VESIT	13/09/2021	22/10/2021	1 month
53	Kakade Siddhesh Satyawan	VESIT	13/09/2021	22/10/2021	1 month
54	Jadhav Simran Nitin	VESIT	13/09/2021	22/10/2021	1 month
55	Koshti Suyash Narendra	VESIT	13/09/2021	22/10/2021	1 month
56	Sayyed Usman Gaus	VESIT	13/09/2021	22/10/2021	1 month
57	Shetty Vineet Bhaskar	VESIT	13/09/2021	22/10/2021	1 month
58	Deshpande Vinit Vinod Neeta	VESIT	13/09/2021	22/10/2021	1 month
59	Hirugade Omkar Satish	B&R Automation	13/09/2021	22/10/2021	30 days
60	Mopkar Amogh Dattaprasad	B&R Automation	13/09/2021	22/10/2021	30 days
61	Patil Manish Gajanan	B&R Automation	13/09/2021	22/10/2021	1 month
62	Patil Pranav Sandip	R.C.F, Thal Unit	10/12/2021	25/12/2021	15 days
63	Patil Gaurav Kamalakar	B&R Automation	13/09/2021	22/10/2021	1 month





# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

64	Jaiswar Prabhat Biharilal	Sierra Instrumentation & Controls	20/12/2021	05/01/2021	2 weeks
65	Yadav Atish	B&R Automation	13/09/2021	22/10/2021	30 days
66	Panchal Rohan Ratnakar	Proca Engineering LLP	2/12/2021	6/01/2022	1 Month
67	Pore Shreyas Ashish	Scientific Devices Pvt. Ltd.	2/12/2021	6/01/2022	4 weeks
68	Rutwik Anant Pendse	B&R Automation	18/10/2021	27/10/2021	9
69	PORE SHREYAS ASHISH	SCIENTIFIC DEVICES PVT. LTD.	2/12/2021	6/01/2022	1 month
70	Pillai Shivashakti	B&R Automation	4/04/2022	07/04/2022	4
71	Koshti Suyash	B&R Automation	4/04/2022	07/04/2022	4
72	Jadhav Pranav	B&R Automation	4/04/2022	07/04/2022	4
73	Shewale Sahil	B&R Automation	4/04/2022	07/04/2022	4
74	Talnikar Vaishnavi	B&R Automation	4/04/2022	07/04/2022	4
75	Thikade Sanket	B&R Automation	4/04/2022	07/04/2022	4
76	Yadav Ajay	B&R Automation	4/04/2022	07/04/2022	4
77	Bagul Vaibhavi	B&R Automation	4/04/2022	07/04/2022	4
78	Yadav Pratibha	B&R Automation	4/04/2022	07/04/2022	4
79	Mohta Fravash	B&R Automation	4/04/2022	07/04/2022	4
80	Jaiswar Prabhat	B&R Automation	4/04/2022	07/04/2022	4 days
81	Sayyed Usman	B&R Automation	4/04/2022	07/04/2022	4 days
82	Kadam Aditya	B&R Automation	4/04/2022	07/04/2022	4 days
83	Jadhav Sanskruti	B&R Automation	4/04/2022	07/04/2022	4 days
84	Pawar Omkar	B&R Automation	4/04/2022	07/04/2022	4 days
85	Vispute Sameer	IMA-PG India Pvt Ltd	6/6/2022	2/7/2022	1 month
86	Panchal Devang Kishor	R.K. Controls	6/6/2022	26/6/2022	3 weeks
87	Panchal Devang Kishor	Nice consultancy	15/06/2021	10/07/2021	4 weeks
88	Dutta Kinjal Subhash	R.K.Dutt	4/6/2022	20/6/2022	15 days
89	Dubey Priyanshu Rajesh	RK DUTT CONCERN	4/6/2022	20/6/2022	15 days
90	Aaditya Dipak Gurav	JSW, salav.	09/07/2022	23/07/2022	15



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

91	Pranav Sandip Patil	J.S.W. , Salav	09/07/2022	23/07/2022	15 Days
92	Govilkar Gaurav Shailendra	Emerson India	10/06/2021	11/07/2022	1 month
93	Govilkar Gaurav Shailendra	PLC Training on Udemy	31/07/2022	2/08/2022	Self-paced
94	Dhome Mayur Ranganath	R.K.Dutt Concerns,Thane	8/06/2022	25/6/2022	18 Days
95	Deshpande Vinit Vinod	R K DUTT CONCERNS	16/06/2021	3/07/2021	16 days
96	Jadhav Simran Nitin	Ekeeda Private Limited.	12/06/2021	11/07/2021	1 Month
97	Gharat Shreya Shashikant	RCF Thal, Alibag	6/6/2022	30/06/22	25 days
98	Dhende Reshma Gulab	R.K Dutt Concerns	4/6/2022	20/6/2022	16 days
99	Nair Nidhi	Coursera	1/1/2022	28/2/2022	7 weeks
100	Nigudkar Chinmayi	Jacobs Solutions I Pvt Ltd	4/7/22	15/7/22	2 week
101	Sharma Ishaan	Powercubby	6/6/22	17/6/22	2 weeks
102	Shelar Krishna Vithoba	Rashtriya chemical fertilizersv	6/6/22	30/6/22	25
103	Shelar Krishna Vithoba	B&R	13/9/22	22/10/22	30 days
104	Shelar Krishna Vithoba	Nice Consultancy	15/06/2022	10/7/2022	25 days
105	Shreesh Nilesh Rao	Calibration and manufacturing	3/6/22	3/7/22	1 month
106	Vaidyanathan Natarajan	Perfect Instrumentation and Controls	10/12/21	8/01/22	30 days
107	Desai Tanvi Samir	Atul Ltd.	6/6/2022	26/6/2022	20 days
108	Desai Tanvi Samir	Precision Mass Products pvt. ltd.	4/7/2022	7/7/2022	4 days
109	Khavnekar Kaustubh Vishnu	Uravit & Wedge lamps ltd.	15/6/21	6/7/2021	25 days
110	More Anjali	HIL, Power cubby,	15/6/21	11/7/21	1month , 3



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

		prudent tecqtis			weeks , 3weeks
111	Singh Anuj Shailesh	Nice Consultancy	15/6/21	10/7/21	25 days
112	Raina Anuj	GrapeSEED pvt ltd	1/6/202	30/6/2021	1 month
113	Mahajani Saniya	VESIT Renaissance Cell	15/6/21	30/7/3021	1 month
114	Sayyed Shoaib Ahmed	Nice consultancy	15/6/21	10/7/21	25 days
115	Patil Kamlesh Ravindra	Neel Electronics and Electrical	17/6/2021	8/7/2021	1 week
116	Prabhu Ayush Ashok	AGV Systems, Ambernath	6/6/22	30/6/22	1 month
117	Sushant Upade	Nice Consultancy	15/6/21	10/7/21	30 days
118	Patil Rahul Sanjay	R.C.F.	16/6/2022	30/6/2022	15 days
119	Madhura Padge	Reliance industries Ltd	24/6/22	29/7/22	one month
120	Pardhe Samyak Rajesh	IMA PG INDIA PVT LTD	6/6/22	7/7/22	26 days
121	Anand Shivangi	Nice consultancy	15/6/21	10/7/21	3 week +5 days
122	Spandan Rajesh Barsagade	Sierra	25/6/21	16/7/21	22
123	Spandan Rajesh Barsagade	GKN Automotive	18/6/21	19/7/21	29 days
124	Yash Mahendra Tadkar	Reliance industries Ltd Nagothane	15/12/21	5/01/22	15
125	Rajbhar Aman Suresh	Coursera project network	12/12/2021	12/12/2021	2 hour
126	Rajbhar Aman Suresh	VESIT Website	14/6/2021	20/7/22	1 years
127	Kumbhare Raunik Laxman	Exposys Data Labs	8/12/21	7/1/22	1 month
128	Upade Sushant Ashok	Nice Consultancy	15/6/21	10/7/21	1 month
129	Patil Shruti Mahendra	R K Dutt Concerns	15/12/22	30/12/22	15 days
130	Suraj Pralhad Hage	NICE Consultancy	15/6/21	10/7/21	25 DAYS
131	Padekar Durvesh Dhondibhau	Nice consultancy	15/6/21	10/7/21	25 days



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

132	Gole Rakesh	Sadhana Nitro Chem pvt ltd	6/6/22	5/7/22	1 Month
133	Dhome Mayur Ranganath	R.K.Dutt Concerns, Thane	8/6/22	25/6/22	18 Days
134	Chavan Vedang Nitin	VESIT RENAISSANCE	1/6/22	7/7/22	1 MONTH
135	Chavan Vedang Nitin	ISA VESIT	2/7/22	3/7/22	2 DAYS
136	Chavan Vedang Nitin	SKILLUP BY SIMPLILEARN	29/12/2021	5/1/2022	1 WEEK
137	Lad Ritik Nilesh	R K Dutt Concerns	8/6/22	25/6/22	3 weeks
138	Jukar Ishaan Vivek	Internshala	15/6/2022	28/7/2022	6 week
139	Jukar Ishaan Vivek	Sierra Instrumentation & Controls	22/2/2022	30/2/2022	8 days
140	Karkhanis Neel Pankaj	PLC, SCADA,DCS and control panel testing.	2/6/22	1/7/22	4 weeks.
141	Karkhanis Neel Pankaj.	BOA spot Camera	22/2/2022	30/2/2022	2 weeks.
142	Chinmalli Vedhant Sharanappa	PLC, DCS, SCADA and Control Panel Testing	2/6/22	1/7/22	4 Weeks
143	Dasurkar Saquib Imtiaz	BOA spot camera	22/2/2022	30/2/2022	2 weeks.
144	Jangam Akshay Virbhadra	Vinati Organise Limited	6/6/22	26/6/22	20 dyas
145	Sagavekar Omkar Ravindra	KEN CHEMICALS	20/12/22	20/1/23	1 Month
146	Kambale Shubham	Excel Industries Limited	1/6/22	30/6/22	1 month
147	Chhabria Nikhil	Sierra Controls	22/2/2022	30/2/2022	8 days
148	Palande Shruti Anil	Tej Control Systems Private Ltd.	9/12/22	30/12/22	1 month
149	Ghusale Kajal	Zeeco Pvt.India, R	6/6/21	7/7/21	1 month, 1



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

	Subhash	K control			month
150	Bhoir Piyush Sunil	Sadhana Nitro Chem	6/6/22	7/7/22	1 month
151	Kumbhare Raunik Laxman	Reliance	6/6/22	26/6/22	20 days
152	Viraj dinesh kharade	Siemens PLC online course	6/6/22	12/6/22	1 week
153	Patil Prajwal Umesh	RK Control Ltd	17/12/2022	8/01/23	20 days

<p><b>Exposys Data Labs</b></p> <p><u>Certificate of Internship</u></p> <p><b><u>TO WHOM IT MAY CONCERN</u></b></p> <p>This is to certify that <b>Mr. RAUNIK KUMBHARE</b> has completed internship programme on <b>"Digital Marketing"</b> from 08.12.2021 to 07.01.2022.</p> <p>He took keen interest in the work assigned and successfully completed it. During the period of internship we found him to be punctual, hardworking and inquisitive.</p> <p>We wish him luck and success in all his future endeavours.</p> <p><i>(Signature)</i> <b>Y Vishnovardhan</b> Chief Director</p> <p><i>(Stamp)</i> hr@exposysdata.com www.exposysdata.com</p>	<p style="text-align: center;"><b>Training Certificate</b></p> <p>This certificate is awarded to</p> <p style="text-align: center;"><b>Gaonkar Abhijeet Laxman</b> Vivekanand Education Society's Institute of Technology, Chembur, Mumbai.</p> <p>For participation in course: Automation Studio Basic, ST and LD Programming, Basic Visualization (VCA), Basic Robotics and ACPDPS trak, OPC-UA, Basic Motion</p> <p>Date: 13-09-2021 to 22-10-2021 Duration: 30 Days</p> <p>The course covers introduction to programming of B&amp;R control systems and software tools for handling and diagnosing the same. Special attention was given for hands-on practice.</p> <p><i>(Signature)</i> Training Coordinator</p> <p><i>(Signature)</i> Managing Director</p>
<b>Sample Certificate</b>	<b>Sample Certificate</b>



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Industry/ Institute Internship

### Department of Electronics and Telecommunication Engineering

Sr. No.	Name of Students	Industry Name	Duration
1	Satyam Mishra	Techlearn.live	1 Year
2	Rushikesh Palekar	Sparks Foundation	1 Year
3	Risa Samanta	Hindustan Petroleum Corporation Limited	1 Year
4	Esha Kadam	Hindustan Petroleum Corporation Limited	1 Year
5	Sharvani Sawant	Trip and Beyond	4 months
6	Nishant Pathare	Pi R Square	4 months
7	Rajat Sunil Mhatre	Vkonex AI	3 months
8	Kshitij Nag	The Sparks Foundation	1 months
9	Aishvarya Birambole	Techgyan Technologies	1 months
10	Maitreya Kadam	The Sparks Foundation	1 months
11	Atharva Joshi	The Sparks Foundation	6 months
12	Shreya Kate	CommTel Networks Pvt. Ltd.	1 month
13	Abhishek Bhingarde	Internshala	1 month
14	Puja Mahankuda	VESIT	1 months
15	Shantanu Deshmukh	Vesit Renaissance	1 months
16	Kaustubh Pawar	VESIT	1 months
17	Ayush Kotkar	Vesit Renaissance	1 months
18	Dsouza Xavier	VESIT	1 months
19	Yash Chavan	The Sparks Foundation	1 months
20	Manu Siddharth	Oil and Natural Gas Corporation	1 months
21	Harshal Sanjay Raut	IIT KHARAGPUR	1 months
22	Atharva Kale	Hindustan Petroleum Corporation Limited(HPCL)	1 months
23	Rahul Jeswani	Kamal Classes	1 months
24	Avantika Shetty	Orange Business Services	1 months



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

25	Abhishek Bhatia	Orange Business Services	1 months
26	Aryan Gupta	KGreen Technology	1 months
27	Manas Mahendra Singh	Orange Business Services	15 days
28	Ameya Dikshit	Learn For Cause	1 month
29	Ameya Dikshit	Internshala	3 months
30	Anushka	Dentsu Webchutey	1 Year



**Sample Certificates of Internship**



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Industry/ Institute Internship

### Department of Information Technology Engineering

Sr.No.	Name of Student	Class	Name of Company	Start date	End date
1	Sarvesh Patil	SE	Exposys Data Labs	04/12/21	03/01/22
2	Amogh Pujari	SE	Grow by Little	24/1/22	13/2/22
3	Divisha Gupta	SE	Exposys Data Labs	04/12/21	03/01/22
4	Atharva Bhoite	SE	Exposys Data Labs	04/12/21	03/01/22
5	Upendra Falak	SE	Exposys Data Labs	04/12/21	03/01/22
6	Upendra Falak	SE	Takenmind organization	1/11/21	28/11/21
7	Viren Khana	SE	Trivia Softwares	8/6/22	8/7/22
8	Chirag Chawla	SE	Trivia Softwares	8/6/22	8/7/22
9	Krish Jakharia	SE	NEO	01/06/22	30/06/22
10	Kunal Purswani	SE	Springfield Olympiads	01/02/22	06/06/22
11	Aamir Ansari	TE	Star Union Daichi Life Insurance Ltd	3/1/2022	3/2/22
12	Sreekesh Iyer	TE	Star Union Daichi Life Insurance Ltd	12/6/2021	12/7/21
13	V Krishna Subramanian	TE	Star Union Daichi Life Insurance Ltd	3/1/2022	3/2/2022
14	Ninad Rao	TE	Swechcha Project in collaboration with VESIT Renaissance Cell	30/6/2022	30/7/22
15	Shilpa Tholar	TE	LetsGrowmore	01/01/22	01/02/22
16	Shilpa Thokar	TE	Sparks foundation	01/01/22	01/02/22





# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

17	Anusha Shetty	TE	Sparks foundation	01/01/22	01/02/22
18	Devdatta Khoche	BE	RedCarpetup	01/07/22	31/12/22
19	Dharkan Mohinan	BE	Sparks Foundation	01/02/22	27/02/22

**Exposys  
Data Labs**



**Certificate of Internship**

**TO WHOM IT MAY CONCERN**

This is to certify that **Ms. DIVISHA DILIPKUMAR GUPTA** has completed internship programme on “**App Developer**” from 04.12.2021 to 03.01.2022.

She took keen interest in the work assigned and successfully completed it. During the period of internship we found her to be punctual, hardworking and inquisitive.

We wish her luck and success in all her future endeavours.

  
**Y Vishnuvardhan**  
Chief Director

  
hr@exposysdata.com  
www.exposysdata.com

**Sample certificate**



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Industry/ Institute Internship

### Department of Artificial Intelligence and Data Science

Sr.No.	Name Of Student	Class	Name of Company	Starting Date	Completion Date
1	Prasad Jawale	SE	StocCGuru	16/06/2021	20/09/2021
2	Arnav Singhal	SE	The Sparks Foundation	01/09/2021	01/10/2021
3	Shubham Hadawle	SE	StocCGuru	16/06/2021	20/09/2021
4	Muhammad Faayez	SE	Fibbl financial services	30/11/2021	30/1/2022



Samle Certificates of Internship



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Industry/ Institute Internship

### Department of MCA

Sr.No.	Name of Student	Class	Name of Company	Start date	End date
1	Nikhil Nair	MCA3A	Nomura	Jan-22	Jun-22
2	Adarsh Sawant	MCA3B	Nomura	Jan-22	Jun-22
3	Ninad Parab	MCA3A	Nomura	Jan-22	Jun-22
4	Dhanshree Gurav	MCA3B	General Mills	Jan-22	Jun-22
5	Prashant Trivedi	MCA3B	General Mills	Jan-22	Jun-22
6	Rutik Chaudhari	MCA3B	General Mills	Jan-22	Jun-22
7	Anjali Krishnakumar	MCA3A	General Mills	Jan-22	Jun-22
8	Tabish Khan	MCA3A	General Mills	Jan-22	Jun-22
9	Keshav Patta	MCA3B	Crisil	Jan-22	Jun-22
10	Yasir Khan	MCA3B	Crisil	Jan-22	Jun-22
11	Krunal Rane	MCA3B	Crisil	Jan-22	Jun-22
12	Priyanka Surve	MCA3B	Crisil	Jan-22	Jun-22
13	Raj Kadam	MCA3B	Crisil	Jan-22	Jun-22
14	Sunny Maurya	MCA3B	Crisil	Jan-22	Jun-22
15	Arbaaz Ali	MCA3A	Crisil	Jan-22	Jun-22
16	Komal Dumbre	MCA3A	Crisil	Jan-22	Jun-22
17	Mrunal Solanki	MCA3A	Crisil	Jan-22	Jun-22
18	Tushar Annam	MCA3A	KPMG	Jan-22	Jun-22
19	Kajal Waghmode	MCA3B	KPMG	Jan-22	Jun-22
20	Rohit Baranwal	MCA3A	KPMG	Jan-22	Jun-22



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

21	Aditi Singh	MCA3A	KPMG	Jan-22	Jun-22
22	Shreyas Naidu	MCA3A	KPMG	Jan-22	Jun-22
23	Pranav Chaudhari	MCA3B	KPMG	Jan-22	Jun-22
24	Bavitha Boda	MCA3A	KPMG	Jan-22	Jun-22
25	Amit Vishwakarma	MCA3B	Quantiphi	Jan-22	Jun-22
26	Manisha Joshi	MCA3B	Dark Horse Digital	Jan-22	Jun-22
27	Sachin Mishra	MCA3B	Dark Horse Digital	Jan-22	Jun-22
28	Suraj Yadav	MCA3B	Dark Horse Digital	Jan-22	Jun-22
29	Abhishek Rajpurohit	MCA3B	Dark Horse Digital	Jan-22	Jun-22
30	Mohit Kumar Manoj Kumar Tiwari	MCA3B	Dark Horse Digital	Jan-22	Jun-22
31	Rohit Ravindra Gawade	MCA3B	Dark Horse Digital	Jan-22	Jun-22
32	Sarath Shankaranarayanan	MCA3B	Dark Horse Digital	Jan-22	Jun-22
33	Tania Mahata	MCA3A	Dark Horse Digital	Jan-22	Jun-22
34	Rachna Chauhan	MCA3A	Dark Horse Digital	Jan-22	Jun-22
35	Ashitosh Popat Vidhate	MCA3A	Dark Horse Digital	Jan-22	Jun-22
36	Ambar Kambli	MCA3A	Dark Horse Digital	Jan-22	Jun-22
37	Devang V Chandivade	MCA3A	Dark Horse Digital	Jan-22	Jun-22
38	Ankit Rama Yadav	MCA3A	Dark Horse Digital	Jan-22	Jun-22
39	Susmita Hegde	MCA3A	Network Marvels	Jan-22	Jun-22
40	Amandip Singh	MCA3B	Network Marvels	Jan-22	Jun-22
41	Tejaswi Pawar	MCA3B	BNP Paribas	Jan-22	Jun-22
42	Julian DSa	MCA3A	RippleHire	Jan-22	Jun-22



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

43	Vipul Chaudari	MCA3B	RippleHire	Jan-22	Jun-22
44	Tejaswi Pawar	MCA3B	RippleHire	Jan-22	Jun-22
45	Jebaselvan Nadar	MCA3B	Metamorphosis	Jan-22	Jun-22
46	Venkatesh Arumugam	MCA3B	Metamorphosis	Jan-22	Jun-22
47	Arindam Ghosh	MCA3B	Metamorphosis	Jan-22	Jun-22
48	Singh Jyoti Satish	MCA3B	Mobicule Technology	Jan-22	Jun-22
49	Ankita Ghole	MCA3B	Mobicule Technology	Jan-22	Jun-22
50	Aadil Arshad Shaikh	MCA3A	Netmonastery	Jan-22	Jun-22
51	Suryanshu Raj	MCA3B	Clevertap	Jan-22	Jun-22
52	Abhinay Shukla	MCA3B	NSEIT	Jan-22	Jun-22
53	Moin Ghadiyali	MCA2A	Nomura	Jan-22	Jun-22
54	Shreya Bhavsar	MCA2A	Nomura	Jan-22	Jun-22
55	Arbaaz Shaikh	MCA2B	Nomura	Jan-22	Jun-22
56	Santosh Sahani	MCA2B	Nomura	Jan-22	Jun-22
57	Nishant Khalate	MCA2A	Nomura	Jan-22	Jun-22
58	Manisha Pal	MCA2A	Indus Valley Partner	Jan-22	Jun-22
59	Mamali Maharana	MCA2A	Indus Valley Partner	Jan-22	Jun-22
60	Vinod Nayak	MCA2A	General Mills	Jan-22	Jun-22
61	Hrishikesh Gawas	MCA2A	General Mills	Jan-22	Jun-22
62	Shruti Naik	MCA2A	General Mills	Jan-22	Jun-22
63	Ashwin Pillia	MCA2A	General Mills	Jan-22	Jun-22



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

64	Rutvik Lhase	MCA2B	General Mills	Jan-22	Jun-22
65	Aniket Singh	MCA2A	KPMG	Jan-22	Jun-22
66	Veda Pingale	MCA2A	KPMG	Jan-22	Jun-22
67	Shruti Mahadik	MCA2A	KPMG	Jan-22	Jun-22
68	Arya Varma	MCA2B	KPMG	Jan-22	Jun-22
69	Prajakta Nandawade	MCA2B	KPMG	Jan-22	Jun-22
70	Atharva Kale	MCA2A	KPMG	Jan-22	Jun-22
71	Siddhesh Chavan	MCA2B	Quantiphi	Jan-22	Jun-22
72	Asmita Jagdale	MCA2B	Quantiphi	Jan-22	Jun-22
73	Vidya Surbhi	MCA2B	Dark Horse Digital	Jan-22	Jun-22
74	Sara M. Shafi Balbale	MCA2A	Dark Horse Digital	Jan-22	Jun-22
75	Pratik Dikonda	MCA2B	Dark Horse Digital	Jan-22	Jun-22
76	Avadhoot Madhusudan Desai	MCA2B	Dark Horse Digital	Jan-22	Jun-22
77	Dayashankar Ramadhar Yadav	MCA2A	Dark Horse Digital	Jan-22	Jun-22
78	Akshay Deepak Vedak	MCA2A	Dark Horse Digital	Jan-22	Jun-22
79	Ronak Bipin Pathare	MCA2B	TSS Consultancy	Jan-22	Jun-22
80	Akansha Rai	MCA2A	Clariant	Jan-22	Jun-22
81	Narottam Aswal	MCA2A	PayNearby	Jan-22	Jun-22
82	Perna Gupta	MCA2A	PayNearby	Jan-22	Jun-22
83	Kunal Koli	MCA2A	PayNearby	Jan-22	Jun-22
84	Rupesh Bovalekar	MCA2B	PayNearby	Jan-22	Jun-22
85	Gauri Shetye	MCA2A	Network Marvels	Jan-22	Jun-22



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

86	Raja Gwalani	MCA2A	BNP Paribas	Jan-22	Jun-22
87	Pallavi Nikam	MCA2B	BNP Paribas	Jan-22	Jun-22
88	Sachin Dhalani	MCA2A	RippleHire	Jan-22	Jun-22
89	Chiranjit Singh	MCA2B	Metamorphosis	Jan-22	Jun-22
90	Ritesh Dhandi	MCA2B	Metamorphosis	Jan-22	Jun-22
91	Edvin Guromin	MCA2B	Metamorphosis	Jan-22	Jun-22
92	Afzal Sayyed	MCA2B	Metamorphosis	Jan-22	Jun-22
93	Mohit Devadiga	MCA2B	Metamorphosis	Jan-22	Jun-22
94	Komal Guram	MCA2A	Metamorphosis	Jan-22	Jun-22
95	Hrishikesh Thite	MCA2A	Applied Cloud Computing	Jan-22	Jun-22
96	Siddhi Bhabal	MCA2A	Mobicule Technology	Jan-22	Jun-22
97	Chorotia Manisha	MCA2B	Mobicule Technology	Jan-22	Jun-22
98	Rahul Pathak	MCA2B	Mobicule Technology	Jan-22	Jun-22
99	Adinath Dixit	MCA2B	Mobicule Technology	Jan-22	Jun-22
100	Mrunmayi Gahivade	MCA2A	Netmonastery	Jan-22	Jun-22
101	Akshata Vikas Patil	MCA2A	Netmonastery	Jan-22	Jun-22
102	Jagruti Lihare	MCA2B	Netmonastery	Jan-22	Jun-22
103	Sumedh Prabhu	MCA2B	Netmonastery	Jan-22	Jun-22
104	Shubham Bendal	MCA2A	Clevertap	Jan-22	Jun-22
105	Biswadeep Mondal	MCA2B	Clevertap	Jan-22	Jun-22
106	Divyesh Halwai	MCA2B	Clevertap	Jan-22	Jun-22



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

107	Karthik Nagarajan Iyer	MCA2B	Clevertap	Jan-22	Jun-22
108	Umang Chetan Davda	MCA2B	Clevertap	Jan-22	Jun-22
109	Vrushali Khavanekar	MCA2A	NSEIT	Jan-22	Jun-22
110	Rahul Mishra	MCA2A	NSEIT	Jan-22	Jun-22



## Internship Offer Letter

Date: 19-Jan-2022

Dear Ninad,

We are excited to extend an internship opportunity with our Company. This internship will include six months of structured technical training and satisfactory completion of the same will see your confirmation in our Company as a Trainee Technical Consultant from 01<sup>st</sup> August 2022.

Please review this letter in full and acknowledge it via email to [hr@simplelogic.in](mailto:hr@simplelogic.in) to confirm your acceptance of the position no later than close of business on 19<sup>th</sup> January 2022. We look forward to having you begin your internship with us and wish you success. Welcome to our team!

**Yours Sincerely,**

**For Simple Logic IT Pvt. Ltd**

**Purvi Jain**  
HR Executive



**Sample of Internship offer letter**





# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Tinkerer's Lab

### Department of Electronics Engineering

#### 2021- 2022 Report

1. Name of the society: Tinkerer's Lab Electronics
2. Staff in-charge: Dr. Abhay Kshirsagar, Mr. Abhishek Chaudhari
3. Student in-charges: Mr. Varun Gokhale
4. An image file of the council logo:

#### **Vision**

To create a space where ideas turn into reality and to accomplish the aim of true Engineering.

To foster a learning bond between the prescribed syllabus and practically available technology.

To boost the technical knowledge of today's engineer thereby increasing his worth to the core industry.

To perform efficient usage of the resources available in the institute. To create a platform to aid in enhancement of technical skills from the minds of students and to create an environment where work, desire and interest go hand in hand to create a holistic learning system.

#### **Intentions:**

1. To conduct workshops for our students and teach them the basics of electronics, microcontroller programming with all the resources available in the institute and creating a workforce for our future endeavors.
2. To launch technical programs like 'ITSP'- (Institute Technical Summer Projects) where we call out to the technical minds of our institute to work on projects and enhance their knowledge of the current technologies.
3. To explore the resources and facilities available in the institute.
4. To bring in to use the various robotic kits available in the institute to teach embedded systems and robotics to the students by creating our own manuals, workshop presentations and videos.
5. List and detailed description of activities carried out during this period including photographs with captions.

Activity for this Academic Year is given below

IoT Workshop for Innovative Project Design & Development



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

Tinkerers Lab Electronics organised a 3 week workshop on IoT where students would be learning the technology which will be widely used in the upcoming years with development of faster Internet and Systems. We received 45+ registrations for the workshop intended specifically for SE's and TE's of the Dept of ETRX. We also received registrations from CMPN and EXTC departments. Two faculties from Dept of ETRX also were present to attend the workshop. Each student was provided an IoT kit to gain hands-on practical experience of working with Microcontrollers and various Sensors. The IoT Kit consisted of: These kits were distributed in college to those who could come and collect them and was home delivered to those students who lived far away.

Workshop Schedule ( 18 - 21 Feb 2022 )

Day 1 (18 Feb 22)

- Session 1

Introduction to Embedded Systems and IoT, IoT Quiz and basic prerequisites and software setups

Day 2 (19 Feb 22)

- Session 1

Introduction to given sensors and mechanics behind it and interfacing LDR with NodeMCU

- Session 2

Interfacing of IR Sensor and Ultrasonic with NodeMCU with coding

Day 3 (20 Feb 22)

- Session 1

Interfacing of DHT11 sensor with NodeMCU with coding

- Session 2

Connecting NodeMCU and sharing sensor data through various IoT platforms such as Thingspeak and IFTTT.

Day 4 (21 Feb 22)

- Session 1

Introduction to various projects can be accomplished by given hardware

Ideation and POC. The post workshop phase consisted of a project competition where the participants will put in their creativity and knowledge gained during the workshop to create innovative IoT based projects.

Schedule for Project Submission:



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

- 4 Mar - 15 Mar: Ideation ( Submit a 1 page draft of your idea, should include project title, description, block diagram and plan of implementation ) and Proof of Concept (Submit a detailed report on the project )
- 20 Mar: Prototype ( Submit a short 1-2 minute video showing your project )
- 26 Mar - Offline Presentations ( Display the working of your project live during presentation meetings )

## Projects Displayed:

1. Smart Plant Monitoring System - Aroha Adavadkar
2. Smart Soil Monitoring System - Siddhart Dighe
3. Air Quality Monitoring using IoT - Arul Thakur
4. Smart Kitchen System - Nimish Deshpande & Sahil Patil
5. Smart Jar using IoT - Naimatullah Mullah
6. Smart Door Unlock System - Bivab Sahoo

Students had to strictly follow the deadline as per the schedule.

Furthermore, they were provided with a certificate upon successful completion of the project.

## Group Photo with the IOT workshop participants





# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Tinkerer's lab Activity Department of Computer Engineering



## CODECELL TINKER'S FROM COMPUTER DEPARTMENT, VESIT

### Flutter Workshop

In Association with

VESIT - IIC (Institute Innovation Council)

&

VESIT - IQAC (Institute Quality Assurance Cell)



On the first day, we covered a number of concepts regarding Flutter and Android Studio to get started into Android App Development. It is essential to know what we are working towards to perform the best so Day 1 saw our Instructor Mr. Paras Patil showcasing the end goal of the



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

workshop and then proceeded to cover basic terms and concepts in Flutter, project creation, and explanation of project file structure.

At the start, a PPT was shown explaining What, Why, and How of flutter, that is, an introduction to flutter, its benefits, and features. Flutter, unlike its competitors like React, doesn't require any JS bridge and its language Dart is universal. This gives flutter an immense advantage in cross-platform development. After this explanation, a few reference sites for getting flutter packages and documentation were explained. Now, the project was finally started. The creation process was explained and then, he went on to explain some basic components like Containers, Scaffolds, etc. A number of graphical and input-related widgets were explained with examples as an application was built from scratch. Finally, the session ended with a doubt session.

The next and the final day began with Paras giving a PPT introduction to Firebase service similar to that of the prior day. This involved discussion about Firebase User Authentication and Cloud Firestore Database along with its benefits. The steps to create a Firebase project were explained and firebase packages were added to the flutter project. Then, the session was divided into two parts - User Authentication and Data handling. He went on to explain the code for User authentication which followed the sign-up and login process. After finishing the authentication, he demonstrated adding a user and then went on to create a custom data model and explained its creation and update in real-time.

## **SUMMARY:**

In the final part of our workshops, we had Paras Patil conduct a three-day workshop on the new hugely popular framework for creating mobile applications from 8th July to 11 July 2021. The basics of Flutter and concepts behind the mobile framework were discussed on the first day along with Dart, the language which powers the Flutter Framework. Basics of installation and setting up your phone as a debugging tool were demonstrated. For the second day, an introduction to Firebase and setting it up for Flutter was demonstrated. This included getting an idea about what is firebase & creating a project in firebase for our flutter app. We also discussed Firebase User Authentication including login and sign-up flow using Email and Password along with error handling for the same and finally, Cloud Firestore was used in creating & updating custom data using Firestore and displaying it in our app.

## **Organising Committee Members (Staff):**

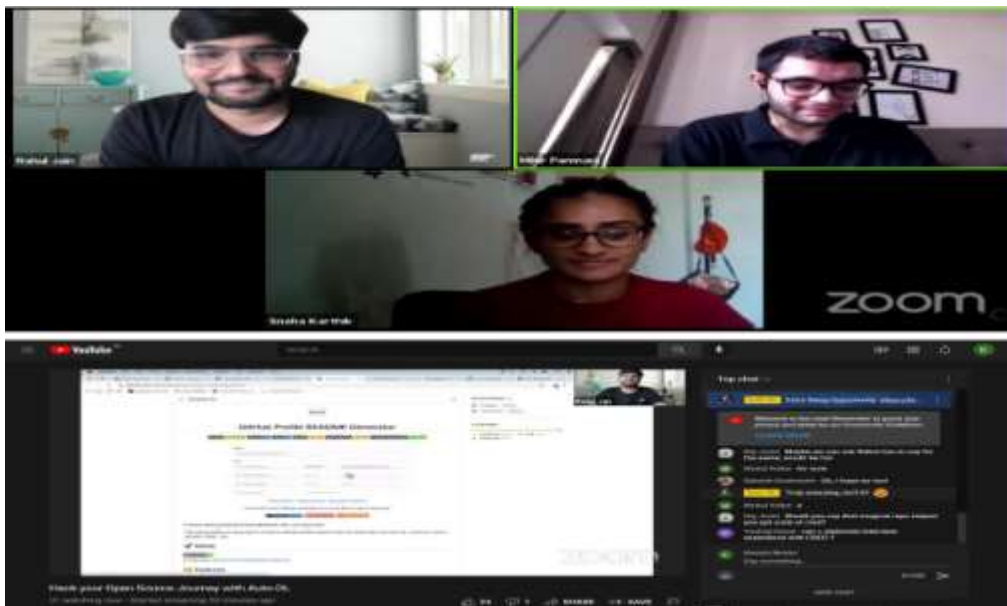
1. Dr. Mrs. Nupur Giri (H.O.D - Computer Department)
2. Prof.Mr. Prashant Kanade
3. Prof.Mr. Richard Joseph
4. Prof.Mrs. Geocey Shejy

## **Organizing Committee Members:**

- Codecell Student Council



**Vivekanand Education Society's**  
**Institute of Technology**  
(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



**Sample-Photograph during a session**



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Tinkerer's Lab

### Department of Information Technology

## QuestIT

A new students council was introduced in the year 2021, for the students and by the Students of the **IT Department - QuestIT Cell**. QuestIT Cell is a technical cell with the goal to provide a platform for programmers, developers, and students of VESIT to learn, compete and have fun through various Technical and Non-Technical Events. The main aim of the QuestIT Cell is to help students and make them aware of the necessary things to cope up with the pace of the industry and be well prepared for the challenges that come with it. QuestIT aims to achieve it by conducting seminars, workshops, etc. on the topics students demand the most and help them be a master at that topic.

### MISSION

The QuestIT Cell was formed with a mission to provide a growth-friendly environment to all the students by offering different opportunities to learn and contribute to work at the industry level as professionals that will help them achieve their career goals.

### VISION

The QuestIT Cell is responsible for providing different opportunities to students to learn about the latest technologies in IT by conducting workshops, technical events, and talks, in turn creating leaders and trendsetters of the industry.

### OBJECTIVES

1. To guide the students in understanding different technical skill-sets that are necessary for them to work in the industry.
2. To help the students cope up with the industry pace and prepare them beforehand.
3. To provide the students a platform for different competitions and challenges.



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Quest IT Event Details 2021-22

Sr. No	Name of Activity	Date	Participant count	Name of the Speaker and Company/Organization
ODD Sem 21-22				
1	Workshop - Web Development with Firebase	20th and 22nd September, 2021	80	Devdatta Koche and Srajan Shetty, students of D20 Class.INFT
2	Workshop - VESIT Placements	19th December, 2021	47	Aditya Kotkar D20 VESIT,INFT
Even Sem 21-22				
1	Workshop - Resume Website with TailwindCSS	16th January, 2022	40	Sreekesh Iyer Student INFT, VESIT
2	Hackathon - INVICTUS'22	19th and 20th February, 2022	22 teams from TE/BE/MCA and 21 Teams from SE. Each of the teams consisted of 3-4 members.	QuestIT Cell in collaboration with ISTE VESIT
3	Workshop - Understanding Machine Learning	5th and 6th March, 2022	53	Devdatta Khoche and Aditya Kotkar Student INFT, VESIT
4	Event - CODE - O - FIESTA	25th March, 2022	17 teams from SE (2-3 members each)	-





# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

The poster is for an event called 'CODE-O-FIESTA' presented by the IT Quest Cell. It features a yellow background with a blue laptop graphic in the center. The laptop screen displays the event details: 'March 25', '3.30 - 5 pm', and 'Team size: 2-3'. Below the laptop, it says 'OPEN for all the SE's !!' and 'Get ready to participate with your BEST GEEKS in the coding competition for true programmers.' A QR code is located at the bottom left, and the text 'Scan to REGISTER' is at the bottom right. The top right corner says 'Presents it's 1st ever Offline event'.

Sample Poster

The certificate is titled 'CERTIFICATE OF EXCELLENCE' and is presented to 'Gaurav Amarnani'. It states that the certificate is for securing 3rd Position in the coding competition 'CODE-O-FIESTA' held on 25th March 2022, conducted by the QuestIT Cell. The certificate is signed by three officials: Dr. M. Vijayalakshmi (Vice-Principal), Dr. J.H. Kote (Principal), and Mrs. Shikha Chopra (HOD-IT Department). It also has signatures from Mrs. Asha Bhanubo (Faculty Incharge) and Mr. Sandeep Khoshe (Secretary of QuestIT). A gold ribbon seal is attached to the top right corner.

Sample Certificate



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Skill Enhancement Lecture (SEL)

All round development, a desire to expand one's horizons, and a commitment to excellence is inculcated in the students of VESIT in a disciplined environment ensuring a strong foundation. To achieve this institute arranges expert lectures Skill Enhancement Lectures (SEL) from industry/ institute.

Skill Enhancement Lectures (SEL) are arranged by the Subject Teachers for their respective subject during the Semester. Subject Teacher must arrange such sessions (i.e, Lectures, Workshops etc...) that pertains to Content Beyond Syllabus. Each individual Faculty initiates the process of inviting Experts from Industry / renowned Institutes like BARC, TIFR, IIT, CDAC etc.

## Department of Information Technology

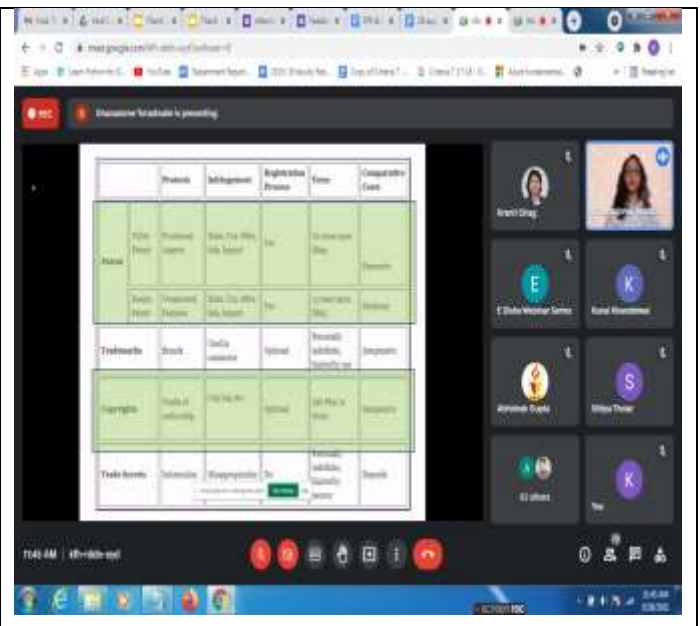
Sr. No.	Name of the Skill Enhancement Initiative	Year of Implementation	Number of students Enrolled	Name of the Agencies Involved with Contact details
1	SEL on Evolutionary Algorithms(Genetic Algorithms)	2021-22	50	Dr.(Mrs). Ujwala Bharambe, Assistant Professor, TSEC
2	Expert talk on "IPR and Patenting" and "How to file Copyright"	2021-22	98	1. Dr Vikram Patil from Annasaheb Dange College of Engineering and Technology, Ashta,2.Dr Kranti Ghag from Shah and Anchor Kutchhi Engineering College.,3. Mrs Dhanashree Toradmalle from Shah and Anchor Kutchhi Engineering College.
3	SEL on Computer Network Security	2021-22	166	Mr. Kamlesh Ahuja Lead, Common Criteria certifications and FIPS 140-2,Mumbai, Maharashtra, India,working as Lead for UL India Pvt.Ltd in Cybersecurity compliance domain.
4	SEL on "The importance of the Corporate Social Responsibility and the activities undertaken by SUDLife under CSR"	2021-22	93	"Rakesh Kumar (CS), Gnana William" from Star Union Dai-Chi Life Insurance Co. Ltd., Navi Mumbai



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

5	SEL on “Types of Business Structures and Their Tax Implications.”	2021-22	114	Maitreyi Thosar is an experienced SOX control testing Testing & Assurance Specialist with a demonstrated history of working in the Silicon Valley Bank, Bengaluru.
6	Web Application and Cyber Security	2021-22	82	Mr. Nayab Falke, Manager IT, The Clearing Corporation Of India Ltd
7	Introduction to PHP and Database connectivity with PHP	2021-22	54	Megha Shahri, Final Year



**Sample-Conduction of SEL**



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Department of Electronics Engineering

<u>Point To be Addressed</u>	<u>Description</u>
Academic Year	2021-22
Quarter	Q1 / Q2
Date(s) of the Event	14 <sup>th</sup> to 16 <sup>th</sup> March 2022
Duration of the Event	10:00am to 05:00pm
Name and details of the Speaker	List is attached
Name and details of the Coordinator	Dr. Parmeshwar Birajadar, VESIT-IIC Convenor Mrs. Anushree Prabhu & Mr. Abhijit Shete Asst. Prof., Dept. of ETRX
About The Program	The program is for converting the job seekers to the job providers.

<b>Program Type:</b> Workshop/Leadership talk/Motivational Speech/Field visit/Seminar or case study/Exhibition or Demo day/Contest/FDP/Conference/Techfest on Innovation <b>(Choose One)</b>	<b>Workshop/Leadership talk/Motivational Speech/Field visit</b>
<b>Program Theme:</b> IPR/R&D and Innovation /Entrepreneurship /Startup /Design thinking and critical thinking/Incubation and pre Incubation <b>(Choose One)</b>	<b>Entrepreneurship/Startup</b>
<b>Objective of the Program</b>	<ul style="list-style-type: none"> <li>• How to build an Entrepreneurship Mindset.</li> <li>• To understand the various Government schemes for startups applicable to various classes of the population based on gender &amp; age.</li> <li>• To understand business model through field visits.</li> </ul>



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

<p><b>Outcomes of the event</b> (In terms of learning/Skill/Knowledge obtained)</p>	<ul style="list-style-type: none"> <li>• The faculty &amp; the students could develop an insight for establishing startups of various kinds.</li> <li>• Contents &amp; significance of a detailed project report.</li> <li>• Industrial visit inspired the students &amp; faculty for developing startups which could use recycled materials to make branded products which could be used in the country &amp; exported too.</li> </ul>
---	---



Sample photographs of the event



Sample certificate



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Skill Enhancement Lecture Department of Electronics and Telecommunication Engineering


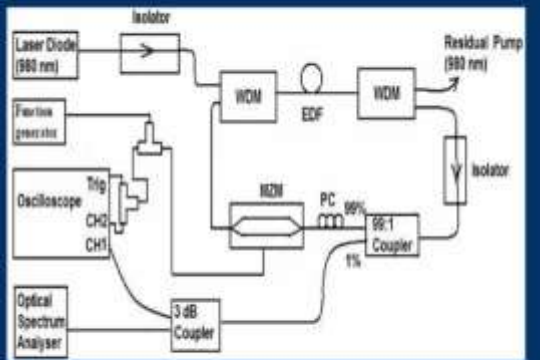
Subject - Optical Communication

Topic: New Frontiers in Controls and in ultra-secured fibre-optic communication: Control of Generalised Multistability and communication using chaotic laser light

Speaker: Dr. B. K. Goswami, Head, Laser Applications Section (Retired), Laser and Plasma Technology Division, Bhabha Atomic Research Centre, Mumbai 400085,

Email: binoy.goswami@gmail.com

Dr. Goswami joined Laser Division, BARC in 1983 as a Scientific Officer-C after completion of one year course work in BARC Training school. He obtained D. degree (Physics) from Mumbai University under the supervision of Dr. R. Chidambaram. His major research areas include Nonlinear Dynamics of lasers, microwave and other nonlinear electronic circuits, Mode-locked lasers, and also, thermal hydraulics and plasma. He discovered new generic features of weakly dissipative nonlinear systems, in particular, period tripling bifurcation, period quadrupling and other higher order n-tupling bifurcations. He and his collaborators have discovered that, multiple attractors, created in these n-tupling bifurcations, are self-similarly organised in the phase-space as well as in the parameter space.

 <p>New Frontiers in Controls and in ultra-secured fibre-optic communication: Control of Generalised Multistability and communication using chaotic laser light</p> <p>Dr. B. K. Goswami, Former Head, Laser Applications Section, Laser &amp; Plasma Technology Division, Bhabha Atomic Research Centre, Mumbai 400085 <a href="https://sites.google.com/site/binoygoswami">https://sites.google.com/site/binoygoswami</a> Email: binoy.goswami@gmail.com VESIT lecture, 3 August, 2021</p>	 <p>Aditi Ghosh, B. K. Goswami, R. Vijaya, Pramana Vol. 75, pp. 915-921, 2010</p>
<p>Sample of PPTs during the lecture</p>	



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

**CLASS – D19A & B (BE EXTC)**

**RESOURCE PERSON AND AFFILIATION – Mr Vikas Singh, NESA Radiation Solutions Pvt. Ltd.**

**SUBJECT: Mobile Communication**

**DATE: 7<sup>th</sup> August 2021**

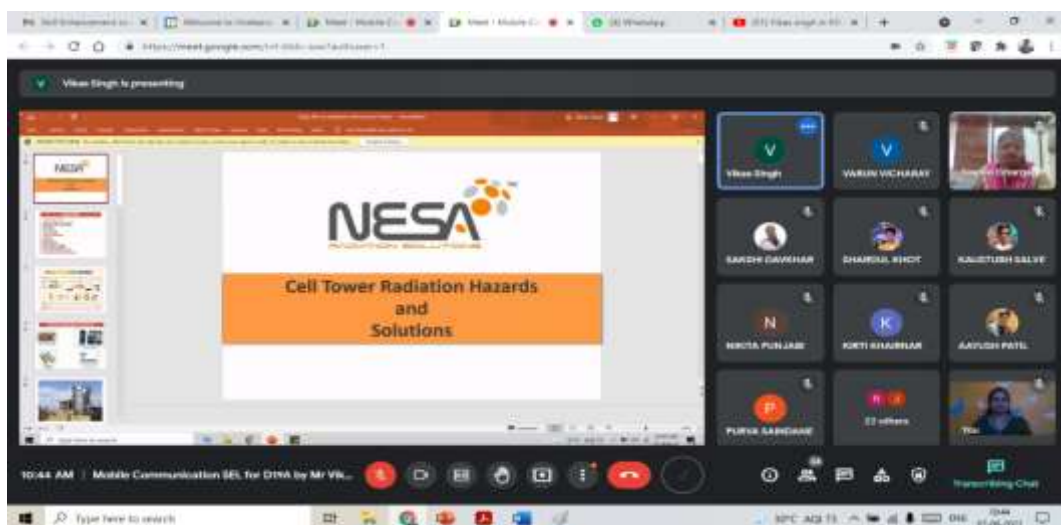
**Time: 10.30 am to 12.00 pm**

**Venue: online platform (Google meet)**

**TOPIC: Radiation Hazards and remedies**

NESA stands for Non-Ionizing Electromagnetic Shielding Alternatives. Its core expertise is in the field of Electromagnetic Radiation Measurement (emitted from mobile towers) and Radiation Shielding Solutions. Electromagnetic radiation comes from all the electrical and electronic appliances, FM and TV towers, mobile phones & mobile phones towers, Wi-Fi routers etc. There is growing concern about harmful hazards of mobile phones & mobile phones towers' radiation as there are more than 900 million mobile phones users and more than 7 lakh cell towers in India. Large numbers of these towers are near residential buildings, schools, hospitals, and office complexes.

- Products:
- 1.Cell Tower Radiation Absorbing Shielding Fabric Curtains
  - 2.Cell Tower Radiation Absorbing Shielding Window Films
  - 3.Cell Tower Radiation Absorbing Shielding Wallpaper
  - 4.Cell Tower Radiation Absorbing Shielding Quilts & Bed Linens



**Sample screenshot during the SEL lecture**



# **Vivekanand Education Society's Institute of Technology**

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## **Department of Computer Engineering**

1. An expert session on “Let Us Design User Experience “ was conducted by Mrs. Geetha Shivram, Mr. Varun Mevada, Mr. Ravi kuty, Mr. Pascal Interaction Designer, Ultimatix User Experience CoE, Tata Consultancy Services on 18th April 2022 (Monday) for final year students for the subject Human Machine Interactions.
2. An expert session on “OS Architecture , Operating System Applications & cloud, VM, Hypervisor, Containers, Kubernetes, Producer-Consumer Problem & Implementation” was conducted by Mr. Mohan Pawar, Senior DevOps Engineer at Cimpres India on 26th March 2022 for second year students for the subject “Operating System”.
3. An expert session on “Technology Frontiers and High Energy Physics” was conducted by Prof. Shashikant Dugad, TIFR , Mumbai on 8th April 2022 for third year students for the subject “Artificial Intelligence”





# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Skill Enhancement Lecture

### Department of Artificial Intelligence and Data Science

#### D6AD/ Odd Sem 2021-22/OOPM Skill Enhancement Lecture

**Date :** 4/12/2021

**Time :** 1.00 PM - 2.00PM

**Speaker :** Ajit Ambekar

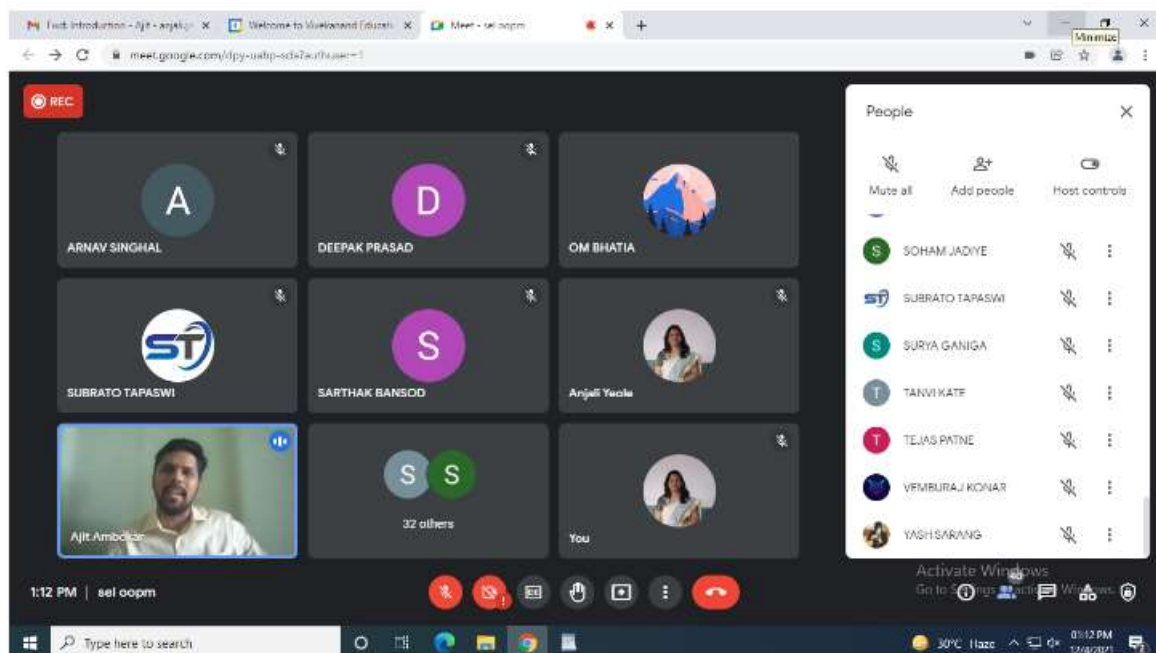
#### Speaker Details:

He Completed hi BE in Computers from Saraswati college of Engineering, followed by M.Tech from VJTI.

He is a C++ developer and have been working in the industry for more than 10+ Years now, with experience in Telecom and Finance domain.

Currently working with Nomura Services India Pvt Ltd on the algorithmic trading framework which is rated as number 1 algorithm engine in terms of performance in Japan.

Screenshots :





# **Vivekanand Education Society's Institute of Technology**

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## **Industrial Visit**

Participating in industrial visits has been a cornerstone of our experiential learning journey, providing a unique opportunity to witness the practical application of academic theories in real-world industrial settings. Industrial visits allowing students to observe and engage with the day-to-day operations of various industries. Walking through production lines, interacting with professionals, and witnessing the use of advanced technologies have not only deepened our understanding of theoretical concepts but also sparked a profound appreciation for the intricacies of industrial processes. These experiences have provided a tangible link between the classroom and the industrial landscape, emphasizing the relevance and impact of our academic studies. The industrial visits have not only broadened the technical knowledge but also exposed to the challenges and innovations driving the industries.

During academic year 2021-22 various industrial visits are organized by the institute are TIFR Campus, Colaba, Mumbai, HKS Impex Pvt. Ltd. And Pack-King Industry, Panvel, Navi Mumbai.



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Department of Computer Engineering

(2021-22)

Name of Department	Department Of Computer Engineering
Name Of The Project	Automated visual inspection of silicon detectors in CMS experiment
Date of IV	17th March 2022
Name and address of Industry	<b>TIFR Campus, Colaba, Mumbai</b>
Class Visited	Final year
Number of students visited	<b>4 Students- CMPN</b>
Number of staff visited	02
Profile of Industry (in short)	TIFR is a National Centre of the Government of India, under the umbrella of the Department of Atomic Energy, as well as a deemed University awarding degrees for master's and doctoral programs.
Objective of Visit	<ol style="list-style-type: none"> <li>1. To get exposure to the real workstations and systems.</li> <li>2. To meet the senior functional experts/supervisors to explain about company functions.</li> <li>3. To understand the end-to-end process at different levels.</li> <li>4. To have a one-to-one interaction with the Mentor</li> <li>5. To understand the company policies in terms of production, quality, and service management.</li> <li>6. To Make Students Aware with Industry Practices.</li> <li>7. To Increase Practical Awareness of various Industrial Sectors.</li> </ol>
Outcome of Visit	<ol style="list-style-type: none"> <li>1. Students are able to gain Practical Knowledge.</li> <li>2. Students are exposed to a real working environment.</li> <li>3. The gap between theoretical learning and practical exposure is bridged by industrial visits.</li> <li>4. Students get a platform to enhance their interpersonal skills.</li> <li>5. Students get to see the best practices opted by different companies for similar work.</li> </ol>



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Vivekanand Education Society's Institute of Technology

### Department of Computer Engineering TIFR - VESIT Collaboration Project MoM on TIFR-TTU Meeting Minutes of the discussion

Venue: TIFR

Date: 17th March 2022 11:30 AM to 7:15 PM

List of Participants:

1. Dr. Shashi Dugad (TIFR)
1. Mr. Irfan Mirza (TIFR)
2. Amit Chhabria
3. Swarangi Dali
4. Ajay Singh Khalsa
5. Vaishnavi Ainapure

Agenda:

- Presentation of work done by the CMS group

Points Discussed:

- Presented the results on a new dataset.
- Presented working GUI
- Installed the project on POP OS at TIFR

Images:





# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Industrial Visit

## Industrial Visit

### Department of Electronics Engineering

Name of Department	Department of Electronics Engineering
Date of IV	<b>16th March 2022</b>
Name and address of Industry	<b>HKS Impex Pvt. Ltd. And Pack-King Industry, Panvel, Navi Mumbai, Maharashtra</b>
Class Visited	<b>Third and Final year</b>
Number of students visited	<b>53 students</b>
Number of staff visited	06
Profile of Industry (in short)	<p>M/s H K S IMPEX PVT. LTD. was established in 2005 and is Manufacturer and Exporter of "Paper Stationery &amp; Allied Products". We believe in being ecofriendly and for our share to environment, we manufacture products that are wood free. With the experience of above 25years, our Promoters and Directors helped us to promote our business and get established in European Market.</p> <p>Pack King Industries in Navi Mumbai, Mumbai is one of the leading businesses in the Corrugated Box Manufacturers. Also known for Box Manufacturers, Corrugated Box Manufacturers, Carton Manufacturers, Packaging Material Manufacturers, Box Dealers, PlasticBox Dealers, Paper Product Dealers and, Paper Box Dealers</p>
Objective of Visit	The main objective is that we can know things practically through interaction and working methods. It gives information about practical working environment.
Outcome of Visit	<p>Students are able to gain Practical Knowledge.</p> <p>Students are exposed to a real working environment.</p> <p>The gap between theoretical learning and practical exposure is bridged by industrial visits.</p> <p>Students get a platform to enhance their interpersonal skills.</p>



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



Sample photos during IV visit



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Participative learning

### Paper Publications

#### Department of Electronics Engineering

AY 2021-22

Sr.No.	Name of Student	Class	Title of the paper	Name of Journal (ISSN/ISBN number)
1	Rishabh Sajin	BE	Deformation Analysis In Aluminium Magnesium Alloy Using Digital Image Correlation	SAMRIDDHI: A Journal of Physical Sciences, Engineering and Technology (ISSN-(O):2454-5767, ISSN-(P):2229-7111)
2	Srishti Sharma	BE	Deformation Analysis In Aluminium Magnesium Alloy Using Digital Image Correlation	Journal-SAMRIDDHI A Journal of Physical Sciences, Engg Tech (ISSN-(O):2454-5767, ISSN-(P):2229-7111)
3	Suyog Sawant	BE	Covid-19 Prediction and analysis using Neural Network and Pearson Coefficient	ICAC'3 IEEE conference(10.1109/ICAC3 53642.2021.9697225)
4	Archita Malgaonkar	BE	Prediction Analysis of Natural Disaster Prediction System	April 2022 Page No 57-60



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



Sample certificate of student participation



Sample certificate of student participation





# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Paper Publications

### Department of Computer Engineering

#### Paper presentations at Conferences

Sr. No	Name of Student	Class	Title of the Paper	Name of Conference
1	Dheeraj Singh Jodha Yash Goyal Akshay Thite Abhay Tiwari Dr Nupur Giri	BE	Foreign money transfer using blockchain	International Conference on Automation, Computing and Communication 2021 (ICACC-2021), 14th - 15th July 2021
2	Jay Dulera Rohan Ghosalkar Arnav Bagchi Khushi Makhijani Dr Nupur Giri	BE	Forecasting Trends of Tuberculosis in India using Artificial Intelligence and Machine Learning	2021 IEEE 9th International Conference on Healthcare Informatics (ICHI), 09-12 August 2021
3	Nupur Giri Advait Naik Krish Amesur Aditya Gurnani Omkar Mane	BE	Multimodal Detection and Analysis of Parkinson's Disease	6th International Conference on Inventive Communication and Computational Technologies ICICCT 2022, 12-13 May 2022
4	Juhi Chhatlani Tejas Mahajan Rushabh Rijhwani Advait Bansode Dr. Gresha S Bhatia	TE	DermaGenics- Early Detection of Melanoma Using YOLOv5 Deep Convolutional Neural Networks	IEEE Delhi Section International Conference on Electrical, Electronics and Computer Engineering , 11th - 13th February 2022
5	Shreeja Nanda Shreyas Udupa Manoj Ayyappan Riteshsingh Kadakoti Dr. Gresha S Bhatia	BE	Detection of Lung Carcinoma using Volumetric Convolution (V-Net)	3rd International Conference for Emerging Technology (INCET) 2022, 27-29 May 2022



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

6	Vaidehi Bhagwat Aishwarya Krishnamurthy Himanshu Behra Ikjot Khurana Dr. Gresha S Bhatia	SE	Automated system for management of hardware equipment in colleges	6th International Conference on Information and Communication Technology for Intelligent Systems (ICTIS) 2022, 22 -23rd April 2022
7	Riya Matwani Namrata Tolani Disha Lund Siddhi Mejari Dr Sujata Khedkar	BE	Automating Product Tagging for Apparel using ResNet50	International conference on ADVANCES OF ELECTRONICS AND COMPUTER TECHNOLOGY (ICAECT-2022), 07th & 08th APRIL 2023
8	Nikhil Gangaramani Sahil Lotya Akansha Ahuja Shivani Kulkarni Devesh Rajadhyax Dr Sujata Khedkar	BE	Exploratory Data Analysis of Covid Vaccine Safety Data	The International Conference on Emerging Trends in Artificial Intelligence and Smart Systems (THEETAS-2022), 16th - 17th April 2022
9	Tejas Dhopavkar Omkar Ghagare Onkar Bhatlawande Dr. Sujata Khedkar	BE	"Emotional AI Enabled Interview Aid	3rd International Conference on Artificial Intelligence: Advances and Applications, 23-24 April 2022
10	Riya Matwani Namrata Tolani Disha Lund Siddhi Mejari Dr. Sujata Khedkar	BE	ML-based Approaches to Automated Product Tagging for Apparel: A Review	National e Conference on Artificial Intelligence and Machine Learning (EC-AIML-2021),, 26th - 27th Nov 2021
11	Sarthak Thakur, Anjali Badlani Sanket Chowdhary Harshita Kanal Dr. Sharmila Sengupta	BE	Vayu - A proposal to address the SDG for maintaining AQI through 5G/6G mobile network	2022 International Conference on Smart Technologies and Systems for Next Generation Computing (ICSTSN), 25-26 March 2022
12	Varsha Jawrani Rounak Talreja Prium Rohera Bhajan Watwani	TE	AgriCare: An android application for detection of paddy diseases	2022 3rd International Conference for Emerging Technology (INCET), 27- 29 May 2022



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

	Dr. Sharmila Sengupta			
13	Shreya Shah Ian Sequeira Chinmay Waykole Etisha Mathurvaishya Dr. K. S. Raghuwanshi Dr. Sharmila Sengupta	BE	AgriCare: To detect and prevent paddy crop diseases using machine learning	7th International Conference on Innovations and Research in Technology & Engineering, 8th-9th April 2022
14	Dimple Nachnani Etisha Mathurvaishya Sakshi Haswan Swarangi Dali Dr. Sharmila Sengupta	TE	AiDD - Assisting the ADHD children and doctors	International Conference on Advances in Science and Technology,, 28th Jul 2021
15	Tanvi Shetty Maitraiya Dandekar Anmol Devnani Puneet Meghrajani Vidya S Zope	BE	ML based approaches for detection and development of Autism Spectrum Disorder:A Review	IEEE ICSCDS(International Conference on Sustainable Computing and Data Communication System) 2022, 7th to 9th April 2022
16	Pooja Arun Koshti Arya Gulshan Paryani Juhi Haresh Talreja Vidya S Zope	BE	AttenQ-Attention Span Detection Tool For Online Learning	International Conference on Computational Intelligence and Innovative Technologies (ICCIIT – 2022), 16th and 17th April 2022
17	Shivanghee Kaw Hanisha Mohinani Vinita Chugh Om Yerawar Indu Dokare	BE	Vegetable and Fruit Leaf Diseases Detection using ResNet	2022 Interdisciplinary Research in Technology and Management (IRTM), 24-26 February 2022



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

18	Siddhesh Gadge Kedar Kharde Rohit Jadhav Siddhesh Bhare Indu Dokare	BE	Recognition of Handwritten Bengali Characters using Low Cost Convolutional Neural Network	2022 Interdisciplinary Research in Technology and Management (IRTM), 24-26 February 2023
19	Disha Mehta Aakash Mohite Vaishnavi Shinde Ritika Khatri Indu Dokare	TE	Detection of Breast Cancer using Machine Learning Algorithms	7th International Conference on Innovation and Research In Technology and Engineering, 8th & 9th April 2022
20	Siddhesh Gadge Kedar Kharde Rohit Jadhav Siddhesh Bhare Indu Dokare	BE	Recognition of Indian Sign Language Characters using Convolutional Neural Network	3rd International Conference on Artificial Intelligence: Advances and Applications (ICAIAA 2022), 23rd & 24th April 2022
21	Abhijit Thikekar Riya Menon Saurav Telge Gauravi Tolamati Priya R L	BE	Generative Adversarial Networks based viable solution on dubbing videos with lips synchronization	2022 6th International Conference on Computing Methodologies and Communication (ICCMC), 29-31 March 2022
22	R L Priya Shreeja Nanda Maitraiya Dandekar Anmol Devnani Riteshsingh Kadakotii	TE	Face-Recognition Based Attendance System using One-Shot Learning	2021 12th International Conference on Computing Communication and Networking Technologies (ICCCNT), 06-08 July 2021
23	Roshnee Matlani Roshan Dadlani Sharv Dumbre Shruti Mishra Abha Tewari	BE	Virtual Mouse using Hand Gestures	2021 International Conference on Technological Advancements and Innovations (ICTAI), 10-12 November 2021
24	Vipul Devnani Chandan Panjwani Navin Kachhela Neeraj Gwalani Abha Tewari	BE	Angle Detection of Steering in a Self-Driving Car	4th International conference on trends in material science and inventive materials ,Springer, 24-25 March 2022



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

25	Roshnee Matlani Roshan Dadlani Sharv Dumbre Shruti Mishra Abha Tewari	BE	Real time sign language using machine learning and neural network	International Conference on Electronics and Renewable Systems (ICEARS 2022), 16-18 March 2022
26	Mannat Doultani, Riddhi Khole, Nidhi Rohra, Muheet Rashid, Nachiket Joag	BE	"Encrypted Biometric Authenticated ATM System – An Overview"	3rd International Conference on Communication and Intelligent Systems ICCIS 2021, DECEMBER 18-19, 2021
27	Mannat Doultani Riddhi Khole Nidhi Rohra Muheet Rashid Nachiket Joag	BE	"Querencia: A Real-Time Biometric Authentication ATM System"	International Conference on Emerging Trends : Innovation & Challenges in Information Technology and Management (ICET 2022), 24th and 25th June 2022
28	Nishikant Patil Girish Vaswani Aashish Vaswani Chetan Urkude Mannat Doultani	BE	Eye Explorer - Cataract Detection using Mobile Application	Emerging Researchers Binational Conference on Computer Science, Mathematics and Information Technology (ERBC-CSMIT2022), 18th and 19th March 2022
29	Sujata Khandaskar Siddharth Tayde Aditya Sawant Barun Singh Nikhil Masand	BE	CleanSea: The Deep Learning Model for Ocean Waste Detection	International Conference on Technological Interventions for Sustainability, 14 - 16 Apr 2022
30	Vanshika Bhavnani Yugchhaya Galphat Gunjan Bhawsinghka Jaishree Golani	TE	A Survey on Detecting Influential User in Social Networking	2021 4th Biennial International Conference on Nascent Technologies in Engineering (ICNTE), 15-16 Jan. 2021
31	Kalpesh Bhole Yugchhaya Galphat Kunal Bathija Tamanna Saini Anuraj Bhosale	BE	Allocation and Tracking of Public Funds using Blockchain	2022 4th Biennial International Conference on Nascent Technologies in Engineering (ICNTE), 15-16 Jan. 2022



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

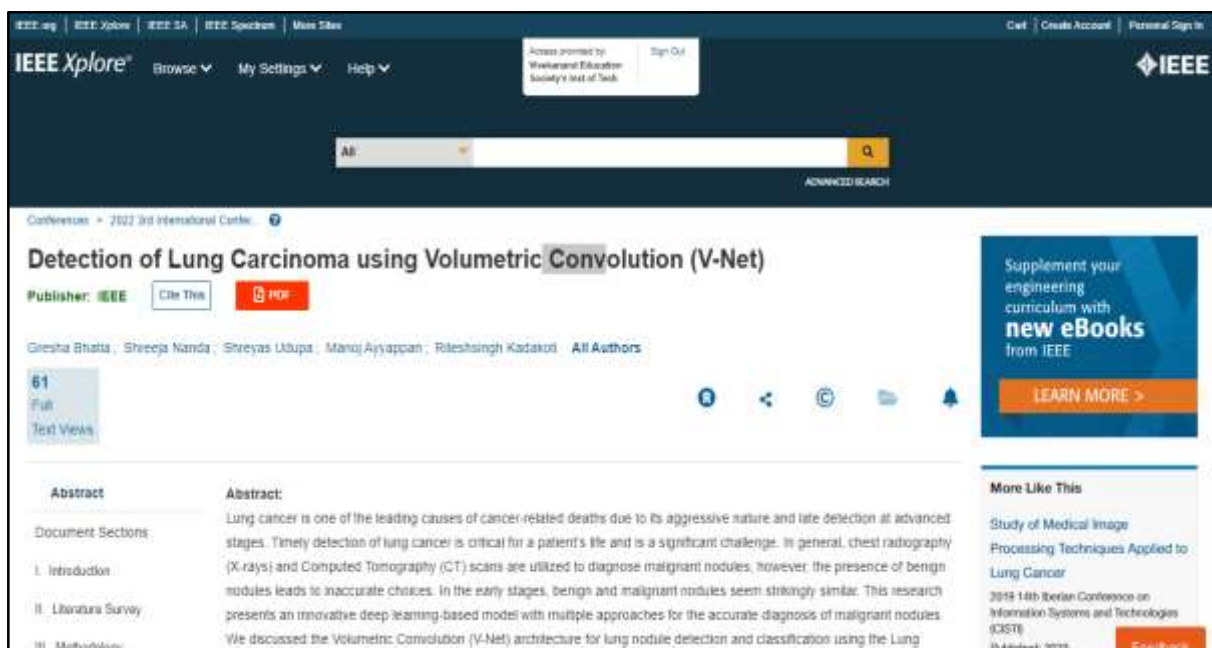
32	Anjali Hassani Nupur Patil Sakshi Lalchandani Sanjay Mirchandani	BE	NutrifyMe - Web-based Application for Nutrition and Fitness Awareness	7th INTERNATIONAL CONFERENCE ON INNOVATION AND RESEARCH IN TECHNOLOGY AND ENGINEERING (ICIRTE - 2022), 8th & 9th APRIL 2022
33	Sparsh Amarnani Neel Bhagat Hritwik Ekade Ajay Gupta Sunita Sahu	TE	A Complete Chatbot based Architecture for answering user's Course-related queries in MOOC platforms	2021 International Conference on Computing, Communication and Green Engineering (CCGE), 23-25 September 2021
34	Vanshika Bhavnani Gunjan Bhawsinghka Deepika Mangnani Jaishree Golani Rupali Hande	BE	Sainnya Sahyogi : An Image captioning system for military	International conference on ADVANCES OF ELECTRONICS AND COMPUTER TECHNOLOGY (ICAECT-2022), 07th & 08th APRIL 2022
35	Rahul Koli Harshita Mishra Jayant Mukundam Muskaan Sharma Rupali Hande	BE	Business Meeting Summarization using LSTM based Framework	International conference on ADVANCES OF ELECTRONICS AND COMPUTER TECHNOLOGY (ICAECT-2022), 07th & 08th APRIL 2023
36	Mihir Pamnani Tejas Gala Sohan Walawalkar Kaushal Jagasia Rupali Hande	TE	DOT-HAZMAT: An Android Application for Detection of Hazardous Materials (HAZMAT) Signs	7th INTERNATIONAL CONFERENCE ON INNOVATION AND RESEARCH IN TECHNOLOGY AND ENGINEERING (ICIRTE - 2022), 8th & 9th APRIL 2022
37	Richard Joseph Vedant Sawant Shivani Shenai Muskan Paryani Gaurav Patil	BE	Machine Learning based Factors affecting Malnutrition and Anemia among children in India	2022 6th International Conference on Intelligent Computing and Control Systems (ICICCS), 25-27 May 2022
38	Aashish Nair Jay Deshmukh Akash Sonare Tarun Mishra Richard Joseph	TE	Image Outpainting using Wasserstein Generative Adversarial Network with Gradient Penalty	2022 6th International Conference on Computing Methodologies and Communication (ICCMC), 29-31 March 2022



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

39	Parthesh Pawar Sanket Jangale Kunal Kotkar Aashish Nagpal Richard Joseph	TE	Mime 3D: A Patient Monitoring System	2022 International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI), 28-29 January 2022
40	Richard Joseph Ajay Khalsa Swarangi Dali Vaishnavi	BE	Deep-Learning Based Quality Assurance Of Silicon Detectors In Compact Muon Solenoid Experiment	2nd International Conference on Sentiment Analysis and Deep Learning (ICSADL 2022), 16-17, June 2022



**Sample Paper on IEEE with heading and names of authors**



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Paper Published by Students in Journals

Sr. No.	Name of Student	Class	Title of the Paper	Name of Journal (ISSN /ISBN Number)
1	Sujitkumar Singh Tina Chandwani Rahul Tejwani Suraj Shahri Dr. Nupur Giri	BE	Using AI and Blockchain in the Healthcare Systems	International Research Journal of Engineering and Technology (IRJET), ISSN : 2395-0056, Sep 2022
2	Siddharth Bugtani Yashvi Hiranandani Vishwesh Jagtap Kabir Rajpal Dr. Nupur Giri	TE	AI for sustainability: Spice Yield Prediction using Indian Climatic Parameters	Global Specific journal, ISSN : 2320-9186, August 2022
3	Yashkumar Jain Shreyas Kotkar Vikram Virwani Chirag Kinger Dr Sujata Khedkar	TE	Real Time Face Mask Detection and Social Distance Monitoring	Journal of Emerging Technologies and Innovative Research (JETIR), ISSN : 2349-5162, Oct 2021
4	Puneet V. Meghrajani Amit V. Joshi Jayesh R. Shadi Mr. Prashant Kanade	BE	Telemedicine Data Management System	International Journal of Applied Science and Research, ISSN : 2581-7876, April 2022
5	Dr. Prashant Kanade Vedant Darak Harsh Singh Shubham Singh Anurag Singh	BE	Management Information System For Rural Microfinance Groups	International Journal of Applied Science and Research, ISSN : 2581-7876, June 2022
6	Puneet V. Meghrajani Amit V. Joshi Jayesh R. Shadi Mr. Prashant Kanade	TE	Chikitsak: Disease Prediction System Using Machine Learning	International Research Journal of Engineering and Technology (IRJET), volume 8 , Issue 7, ISSN : 2395-0056, July 2021
7	Bhavesh Lohana Muskan Tanna Gautam Pamnani	BE	A Deep Learning Approach for Generating Markup Code from Sketch Images	International Journal for Research in Applied Science & Engineering





# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

	Tanish Sahijwani Rohini Temkar			Technology (IJRASET), ISSN : 2321-9653, Apr 2022
8	Jatin Chhabria Krish Khemani Sahil Kochar Yash Wadhvani Dr. Dashrath Mane	BE	e-Krishi - A one stop portal for Farmers	International Journal of Applied Science and Research, ISSN : 2581-7876, April 2022
9	Venkatesh Rallapalli, Dipti Menghani Hema Gallani Gaytri Aasija Dr. Dashrath Mane	TE	Online Doctor Appointment System	International Journal of Engineering Research and Applications, ISSN : 2248-9622, April 2022
10	Bhavika Mulwani Praveen Mirchandani Sameer Israni Dr.Dashrath Mane	BE	Text Summarization of News Headline using Natural Language Processing	International Journal of Innovative Research in Computer and Communication Engineering, ISSN : 2320-9801, Mar 2022
11	Chirag Parchani Kunal Godhwani Gulam Mohammad Ali Piyush Nihalani Dr. Dashrath Mane	TE	Design of Curriculum Based System: A Website for Students	International Journal of Innovative Research in Computer and Communication Engineering, ISSN : 2320-9801, Mar 2022
12	Karan Idnani, Mohit Khiani Sourav Mantri Sahil Rajpal Lifna CS	BE	Ubiquitous Platform for classifying Chest diseases using Chest XRay	International Journal of Engineering Research and Applications, ISSN : 2248-9622, December 2021
13	Kajol Achhra Priyanka Ahuja Pooja Kamrani Parth Mangtani Pallavi Saindane	BE	Bird Species Identification and Prediction Analysis of Endangered Species	International Research Journal of Engineering and Technology (IRJET), ISSN : 2395-0056, May 2021
14	Sujata Khandaskar, Siddharth Tayde, Aditya Sawant, Nikhil Masand, Barun Singh	BE	Ocean Waste Detection Model	Journal of Information Technology and Sciences, ISSN : 2581-849X, December 2021



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

15	Sujata Khandaskar, Varsha Sablani Diksha Ramnani, Mirudhula Nadar Surabhi Soni	BE	Insta Hearing - Speech to Sign Language using Animations	Journal of Emerging Technologies and Innovative Research (JETIR), ISSN : 2349-5162, February 2022
16	Nitesh Duseja Prasad Govekar Karan Sachdev Bhavika Motwani Pallavi Gangurde	BE	A Comparative Study On Blockchain Based E-Voting Systems	International Journal of Advance and Innovative Research, ISSN : 2394-7780, December 2021
17	Chetan Naik Saloni Ingle Soham Kamat Veena Trivedi Pallavi Gangurde	BE	A Survey of work on Automatic Generation of Questions from Text	International Journal of Innovative Research in Computer and Communication Engineering, ISSN : 2320-9801, February 2022
18	Nirmity Sali Nimisha Khadilkar Srushti Biwalkar Amisha Swamy Nusrat Ansari	BE	COVID-19 Detection using Chest X-Ray	International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN : 2321-9653, May 2022
19	Nusrat Ansari Baldev Sundarani, Simran Gurnani, Abhishek Waghmare Hitesh Santani,	BE	Money Heaven : The Complete Financial Analyzer	Journal of Emerging Technologies and Innovative Research (JETIR), ISSN : 2349-5162, March 2022
20	Ayush Raj Singh Aakash Chauhan Nikita Samtrai Tina Rajpal Sunita Suralkar	BE	Emotion Mapping Based Music Recommendation System Using Machine Learning	Journal of Emerging Technologies and Innovative Research (JETIR), ISSN : 2349-5162, February 2022
21	Anjali Badlani Priyanka Asrani Sejal Kriplani Sarthak Thakur Sunita Suralkar	TE	Krishi Setu - Bridging The Value Gap	Journal of Emerging Technologies and Innovative Research (JETIR), ISSN : 2349-5162, February 2022
22	Shubham Goswami Laksh Lalwani Dheeraj Yadav Naman Tahilyani Rupali Hande	TE	ASL Detection: A Deep Learning Approach	GRADIVA REVIEW JOURNAL, ISSN : 0363-8057, April 2022



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

© 2022 JETIR February 2022, Volume 9, Issue 2

www.jetir.org (ISSN-2349-5162)

JETIR.ORG

ISSN: 2349-5162 | ESTD Year : 2014 | Monthly Issue



**JOURNAL OF EMERGING TECHNOLOGIES AND  
INNOVATIVE RESEARCH (JETIR)**

An International Scholarly Open Access, Peer-reviewed, Refereed Journal

## EMOTION MAPPING BASED MUSIC RECOMMENDATION SYSTEM USING MACHINE LEARNING

<sup>1</sup>Ayush Raj Singh, <sup>2</sup>Aakash Chauhan, <sup>3</sup>Nikita Samtrai, <sup>4</sup>Tina Rajpal, <sup>5</sup>Sunita  
Suralkar

<sup>1, 2, 3, 4</sup> Student, <sup>5</sup> Assistant Professor  
Department of Computer Engineering,

Vivekanand Education Society's Institute of Technology, Chembur, Mumbai-400074, India

**Abstract:** Emotion Mapping based Music Recommendation System is to provide users with suggestions that match their emotions and to assist them accordingly. The image is first captured and then converted to an emoji, and future analysis is done through the emoji's face. Analyzing a user's emotional facial expressions can help them understand the subject's current emotional or mental state. Music is an area that is likely to change a person's mood. It is well known that people use facial expressions to express what they want to say and the meaning of words more clearly. By developing an emotion mapping system, users can determine their mental state, and if they are unwell, they can change their mood by listening to pop-up messages containing songs. User's facial features are captured with the help of a webcam. By combining the user's photographs and emotion, the appropriate analysis is

Sample paper published in a journal



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Paper Publication

### Department of Electronics and Telecommunication Engineering

Sr.No.	Name of Student	Class	Title of the paper	Name of Journal (ISSN/ISBN number)
1	Mansi Kasar	BE	Medical Image De-Speckling Using Fusion of Diffusion-Based Filters and CNN	IEEE International conference on Advanced Computing and Communications System (ICACCS 2022)
2	Arnab Saha	BE	Medical Image De-Speckling Using Fusion of Diffusion-Based Filters and CNN	IEEE International Conference on Advanced Computing and Communications System (ICACCS 2022)
3	Pranav Birwadkar	BE	Medical Image De-Speckling Using Fusion of Diffusion-Based Filters and CNN	IEEE International Conference on Advanced Computing and Communications System (ICACCS 2022)
4	Swapnil Gore	BE	Medical Image De-Speckling Using Fusion of Diffusion-Based Filters and CNN	IEEE International Conference on Advanced Computing and Communications System (ICACCS 2022)
5	Gaurav Jagwani D19B	BE	DDoS detection and Botnet Prevention using Machine Learning	IEEE International conference on Advanced Computing and Communications System (ICACCS 2022)
6	Neha Nishad D19B	BE	DDoS detection and Botnet Prevention using Machine Learning	IEEE International conference on Advanced Computing and Communications System (ICACCS 2022)
7	Mohit Kukreja D19B	BE	DDoS detection and Botnet Prevention using Machine Learning	IEEE International conference on Advanced Computing and Communications System (ICACCS 2022)
8	Namrata Deb D19B	BE	DDoS detection and Botnet Prevention using Machine Learning	IEEE International conference on Advanced Computing and Communications System (ICACCS 2022)



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

9	Varun Vicharay D19A	BE	Driving Assistant with Crash Detection and Alert System using ML and IOT	International Journal of Creative Research Thoughts (IJCRT)
10	Omkar Salunkhe D19A	BE	Driving Assistant with Crash Detection and Alert System using ML and IOT	International Journal of Creative Research Thoughts (IJCRT)
11	Siddhant Sawant D19A	BE	Driving Assistant with Crash Detection and Alert System using ML and IOT	International Journal of Creative Research Thoughts (IJCRT)
12	Ayush Sachdev	BE	Driving Assistant with Crash Detection and Alert System using ML and IOT	International Journal of Creative Research Thoughts (IJCRT)



**Sample certificate of Paper presentation**



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Paper Publication Department of MCA

Sr. No	Name of Student	Class	Title of the Paper	Name of Journal (ISSN /ISBN Number)
1	Siddhesh Dhamanaskar	TYMCA	Human Computer Interaction: Design As Psychology	IJARESM 2455-6211
2	Toshita Singh	TYMCA	Understanding the challenges of Blockchain and how to leverage its adaption across industries	IJARESM 2455-6211
3	Akshay Umredkar	TYMCA	Human Computer Interaction: Design As Psychology	IJARESM 2455-6211
4	Salwa Parkar	TYMCA	Assessing Vulnerabilities in Bluetooth Low Energy (BLE) Wireless Network based IoT Systems	IRJET 2395-0056
5	Arindam Ghosh	TYMCA	Neuralink: A Platform that integrates Brain-Machine Interfaces	IRJET 2395-0056
6	Ninad Patil	TYMCA	Assessing Vulnerabilities in Bluetooth Low Energy (BLE) Wireless Network based IoT Systems	IRJET 2395-0056
7	Jyoti Singh	TYMCA	The Ukraine-Russia Cyber Warfare	IJSREM 2582-3930
8	Sarath Shankaranarayanan	TYMCA	Neuralink: A Platform that integrates Brain-Machine Interfaces	IRJET 2395-0056
9	Rohit Gawade	TYMCA	Comparative Analysis of Firebase vs AWS	IRJET 2395-0056
10	Vipul Chaudhari	TYMCA	Comparative Analysis of Firebase vs AWS	IRJET 2395-0056



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

11	Vishal Naik	TYMCA	Voice Recognition in Health Care	IRJET 2395-0056
12	Jebaselvan Nadar	TYMCA	the Ukraine-Russia Cyber Warfare	IJARESM 2582-3930

The screenshot shows the website for the International Journal of All Research Education & Scientific Methods. The page features a navigation menu with links for Home, Editorial Board, Processing Charges, Online Submission, Issues, Indexing, and Contact Us. A search bar is located in the top right corner. The main content area displays the title of a paper, 'Human Computer Interaction: Design As Psychology', along with a 'Download' button. The abstract of the paper is visible, discussing the intersection of psychology and technology in Human-Computer Interaction (HCI). A sidebar on the left contains an 'IJARESM Menu' with links to Publication Ethics, Peer Review & Publication Policy, Call For Papers, Why IJARESM, Topics Covered, and Special Issue. Below the menu is a 'Download' section with a link to Author Guidelines.

International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056  
 Volume: 09 Issue: 06 | Jun 2022 www.irjet.net p-ISSN: 2395-0072

## Comparative Analysis of Firebase vs AWS

Rohit Gawade, Vipul Chaudhari, Dr. Meenakshi Garg

<sup>1,2</sup> PG Student, Dept. of M.C.A. VESIT, Mumbai, Maharashtra, India

<sup>3</sup> Professor, Dept. of M.C.A., VESIT, Mumbai, Maharashtra, India

**Abstract** - This research paper tries to distinguish between two major cloud platforms i.e. Google Firebase and Amazon Web Services. Here we have distinguished various services provided by both of these cloud platforms.

**Key Words:** Google Firebase, Amazon Web Services, services.

It is a secure and flexible platform which offers a more comprehensive and affordable cloud solutions.

**Benefits:-**

- **Less Expensive:-** Since AWS is not a managed service it is way more cheaper in some services as compared with Firebase.

Sample of paper presentation



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Looking Beyond Syllabus (LBS)

### LBS VESIT ANNUAL REPORT 2021-22

LBS stands for "Looking Beyond Syllabus" Activity. This event is a college level competition with the purpose of motivating students to come up with new project ideas, which can be converted into real time applications or products. Through LBS, VESIT offers an opportunity to the students to contribute to the society by providing innovative and efficient solutions for today's needs of the citizens.

The competition in collaboration with IIC began by inviting entries on September 23rd, 2021 from our II and III year students of BE and I year MCA students for LBS CHAMPIONSHIP 2021-22 where they were asked to propose a solution in the form of an app or a product benefiting the Society. Registration form was open for students till 20th Oct 2021.

Online mentor registration form was sent in which interested faculty can apply for mentoring the projects according to their area of interest. 29 faculty from various departments registered for the same.

First review presentation of the project was held online on 22nd October 2021. The LBS team comprising of Dr (Mrs) T. Rajani Mangala, Mrs. Priya R. L, Mrs. Anuradha Jadiya, Mrs. Gauri Sahoo, Mrs. Kadambari Sharma, Mrs. Ruchi Rautela, Mrs. Jayashree Hajgude and Mr. Ajinkya Valanjoo, scrutinized the project proposals. Proposals were examined based on the relevance and validation of the problem & solution, feasibility of the solution and applicability of the solution. The result of LBS Championship 2021-22 Round - 1 were declared on Nov 15, 2021.

Themes for LBS projects were:

1. Online education
2. Virtual Lab creation
3. Green innovations in technology
4. Healthcare
5. Data science for society
6. Artificial Intelligence
7. Robotic Process Automation
8. Machine learning





# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

Following 27 groups were selected for the second round.

## Round 1

### LBS Championship 2021-22

S.No.	Title of the project	Team Leader	Email ID of Team Leader	Mentor Allocated	Department of the Mentor
1	AI Assistant	Nimisha Jain	<a href="mailto:2020.nimisha.jain@ves.ac.in">2020.nimisha.jain@ves.ac.in</a>	Mrs. Priya R. L	Computer Engineering
2	AI in Agriculture	Prasad Jawale	<a href="mailto:2020.prasad.jawale@ves.ac.in">2020.prasad.jawale@ves.ac.in</a>	Mr. Ameya Parkar	Master of Computer Applications
3	AttendMe:Student Attendance System Using NFC	Riya Shukla	<a href="mailto:2019riya.shukla@ves.ac.in">2019riya.shukla@ves.ac.in</a>	Dr. Dhanamma Jagli	Master of Computer Applications
4	Caesar Cipher Cyber Security	Yashraj Mulwani	<a href="mailto:2020.yashraj.mulwani@ves.ac.in">2020.yashraj.mulwani@ves.ac.in</a>	Mrs. Amrita Jhaveri	Electronics Engineering
5	Campus Connect - The College Discussion App	Anuj Sanjay Patil	<a href="mailto:2019anuj.patil@ves.ac.in">2019anuj.patil@ves.ac.in</a>	Mrs. Jyoti Bagate	Electronics and Telecommunication
6	Contactless Hand & Accessories Disinfectant	Prajyot Kamble	<a href="mailto:2019.prajyot.kamble@ves.ac.in">2019.prajyot.kamble@ves.ac.in</a>	Dr. Parmeshwar Birajdar	Electronics Engineering
7	Cricket prediction system	Avanish Srivastava	<a href="mailto:2020.avanish.srivastava@ves.ac.in">2020.avanish.srivastava@ves.ac.in</a>	Dr Shiv Kumar Goel	Master of Computer Applications
8	Demand Supply Equalizer	Omkar Pawar	<a href="mailto:d2019omkar.pawar@ves.ac.in">d2019omkar.pawar@ves.ac.in</a>	Dr. Sharmila Sengupta	Computer engineering
9	Disaster Response using Twitter	Meet Patel	<a href="mailto:2019meet.patel@ves.ac.in">2019meet.patel@ves.ac.in</a>	Mrs. Dipti Karani	Electronics Engineering



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

10	Forum for VES	Anurag Saraswat	<a href="mailto:2019anurag.saraswat@ves.ac.in">2019anurag.saraswat@ves.ac.in</a>	Mr. Prashant Kanade	Computer Engineering
11	GistGator (MoM)	Shubham Zope	<a href="mailto:2019shubham.zope@ves.ac.in">2019shubham.zope@ves.ac.in</a>	Mrs. Ruchi Rautela	Master of Computer Applications
12	HeaLief-Health Tracker	Yukta Talgana	<a href="mailto:2019sakshi.singh@ves.ac.in">2019sakshi.singh@ves.ac.in</a>	Mrs. Richa Sharma	Computer Engineering
13	Hospital Management System	Gautam Wadhvani	<a href="mailto:2020.gautam.wadhvani@ves.ac.in">2020.gautam.wadhvani@ves.ac.in</a>	Mrs. Nusrat Ansari	Computer Engineering
14	KeyLogger	Om Madat	<a href="mailto:2020.om.madat@ves.ac.in">2020.om.madat@ves.ac.in</a>	Mrs. Asha Bharambe	Information Technology
15	Kisan Mitra Bot	Yashraj Desai	<a href="mailto:2019yashraj.desai@ves.ac.in">2019yashraj.desai@ves.ac.in</a>	Dr. Nandini Ammanagi	Electronics and Telecommunication
16	MeetUp VESITY	Dhaval Mahajan	<a href="mailto:2019dhaval.mahajan@ves.ac.in">2019dhaval.mahajan@ves.ac.in</a>	Mr. Richard Joseph	Computer Engineering
17	Online Railway Ticket Booking System	Isha Desai	<a href="mailto:2020.isha.desai@ves.ac.in">2020.isha.desai@ves.ac.in</a>	Mrs. Mannat Doultani	Computer Engineering
18	Plant Recognition System	Saritha Ponnambalan Tharakan	<a href="mailto:2019saritha.tharakan@ves.ac.in">2019saritha.tharakan@ves.ac.in</a>	Mrs. Manisha Joshi	Electronics and Telecommunication
19	Quality Assurance using Blockchain	Bhavya Hingorani	<a href="mailto:2019bhavya.hingorani@ves.ac.in">2019bhavya.hingorani@ves.ac.in</a>	Mrs. Kajal Jewani	Information Technology
20	Recycling Noise	Phalguneshwari Borikar	<a href="mailto:2019phalguneshwari.borikar@ves.ac.in">2019phalguneshwari.borikar@ves.ac.in</a>	Mrs. Anushree Prabhu	Electronic Engineering
21	SHIKSHA - A Career Guide	Yash Kriplani	<a href="mailto:2019yash.kriplani@ves.ac.in">2019yash.kriplani@ves.ac.in</a>	Dr. Saylee Gharge	Electronics and Telecommunication
22	Smart Pill Dispenser	Aishvarya Mahadeo Birambole	<a href="mailto:2019aishvarya.birambole@ves.ac.in">2019aishvarya.birambole@ves.ac.in</a>	Mr. Shobhit Khandare	Electronics & Telecommunication
23	Touch Surface Projector	Sahil Ganesh Parab	<a href="mailto:2020.sahil.parab@ves.ac.in">2020.sahil.parab@ves.ac.in</a>	Mr. Ajinkya Valanjoo	Artificial Intelligence and Data Science
24	Unicache	Vraj Mehta	<a href="mailto:2019.vraj.mehta@ves.ac.in">2019.vraj.mehta@ves.ac.in</a>	Mrs. Pallavi	Computer



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

			<a href="mailto:s.ac.in">s.ac.in</a>	Gangurde	Engineering
25	VED : Ayurvedic website	Bhargav Mungekar	<a href="mailto:2020.bhargav.mungekar@ves.ac.in">2020.bhargav.mungekar@ves.ac.in</a>	Mrs. Jayshree Hajgude	Information Technology
26	Water quality monitoring system for Fish Farming	Farheen khan	<a href="mailto:2019farheen.khan@ves.ac.in">2019farheen.khan@ves.ac.in</a>	Dr. Monali Chaudhari	Electronics and Telecommunication
27	The Vulcans_Home Automation	Shreya Raghunath Kate	<a href="mailto:2019shreya.kate@ves.ac.in">2019shreya.kate@ves.ac.in</a>	Mr. Abhishek Chaudhari	Electronics Engineering

Second stage review presentation was held on 19th & 20th February 2022 where students presented their 75- 80% completed projects. The projects were screened by a panel of experienced alumni members: Mr. Nikhil Ahuja, Mr. Ajit Patil, Mr. Prithvi Shetty, Ms. Roma Motwani, Mr. Pratik Thorat, Mr. Gaurav Sahu, Ms. Megha Sahu, Mr. Rajiv Yadav, Mr. Shubham Safaya, Mr. Souvik Saha, Ms. Sonal Narvekar and Mr. Nitin Aswal.

## LIST OF 12 GROUPS SELECTED FOR FINALS:

S.No.	Title of the project	Team Leader	Email ID of Team Leader	Mentor Allocated	Department of the Mentor
1	AI Assistant	Nimisha Jain	<a href="mailto:2020.nimisha.jain@ves.ac.in">2020.nimisha.jain@ves.ac.in</a>	Mrs. Priya R. L	Computer Engineering
2	AI in Agriculture	Prasad Jawale	<a href="mailto:2020.prasad.jawale@ves.ac.in">2020.prasad.jawale@ves.ac.in</a>	Mr. Ameya Parkar	Masters of Computer Applications
3	Demand Supply Equalizer	Omkar Pawar	<a href="mailto:d2019omkar.pawar@ves.ac.in">d2019omkar.pawar@ves.ac.in</a>	Dr. Sharmila Sengupta	Computer Engineering
4	Forum for VES	Anurag Saraswat	<a href="mailto:2019anurag.saraswat@ves.ac.in">2019anurag.saraswat@ves.ac.in</a>	Mr. Prashant Kanade	Computer Engineering
5	GistGator (MoM)	Shubham Zope	<a href="mailto:2019shubham.zope@ves.ac.in">2019shubham.zope@ves.ac.in</a>	Mrs. Ruchi Rautela	Masters of Computer Applications
6	Kisan Mitra Bot	Yashraj Desai	<a href="mailto:2019yashraj.desai@ves.ac.in">2019yashraj.desai@ves.ac.in</a>	Dr. Nandini	Electronics



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

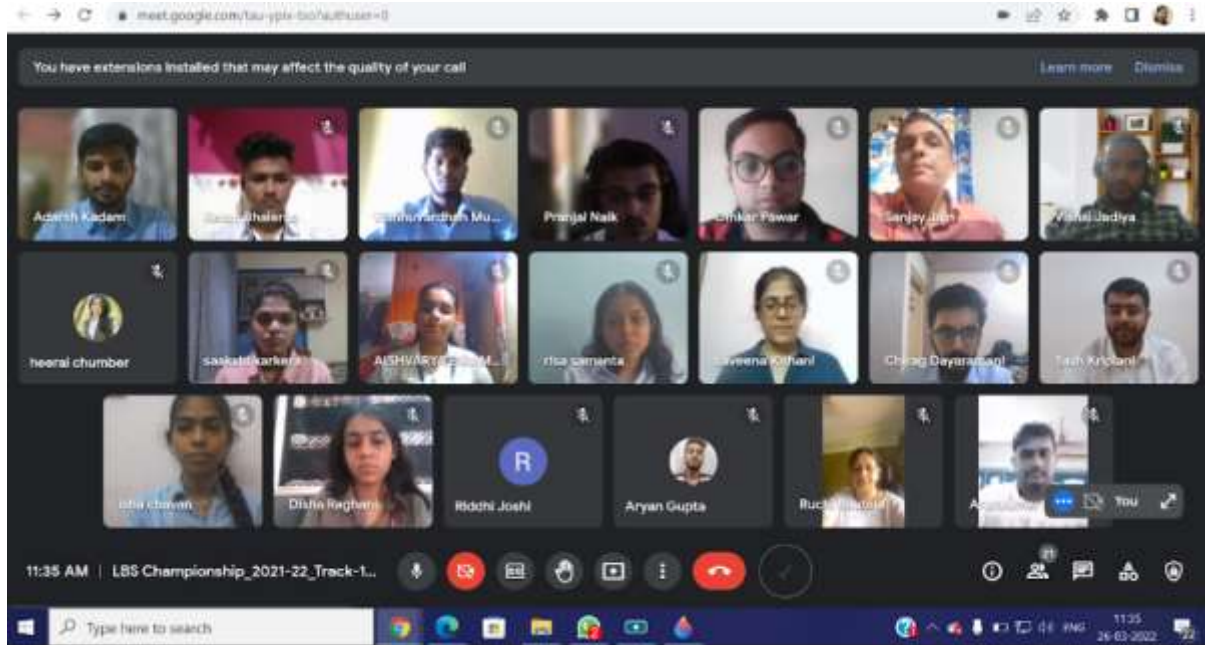
			<a href="http://ves.ac.in">ves.ac.in</a>	Ammanagi	and Telecommuni cation
7	MeetUp VESITY	Dhaval Mahajan	<a href="mailto:2019dhaval.mahajan@ves.ac.in">2019dhaval.mahajan@ves.ac.in</a>	Mr. Richard Joseph	Computer Engineering
8	Online Railway Ticket Booking System	Isha Desai	<a href="mailto:2020.isha.desai@ves.ac.in">2020.isha.desai@ves.ac.in</a>	Mrs. Mannat Doultani	Computer Engineering
9	Plant Recognition System	Saritha Ponnambalan Tharakan	<a href="mailto:2019saritha.tharakan@ves.ac.in">2019saritha.tharakan@ves.ac.in</a>	Mrs. Manisha Joshi	Electronics and Telecommuni cation
10	SHIKSHA - A Career Guide	Yash Kriplani	<a href="mailto:2019yash.kriplani@ves.ac.in">2019yash.kriplani@ves.ac.in</a>	Dr.Saylee Gharge	Electronics and Telecommuni cation
11	Smart Pill Dispenser	Aishvarya Mahadeo Birambole	<a href="mailto:2019aishvarya.birambole@ves.ac.in">2019aishvarya.birambole@ves.ac.in</a>	Mr. Shobhit Khandare	Electronics and Telecommuni cation
12	Water quality monitoring system for Fish Farming	Farheen khan	<a href="mailto:2019farheen.khan@ves.ac.in">2019farheen.khan@ves.ac.in</a>	Dr.Monali Chaudhari	Electronics and Telecommuni cation

LBS championship 2021-22 Final round was held online on 26th & 27th March 2022 and the judges were experts from the Industry. We had a panel of 4 judges and criteria for judgment was conversion of this prototype into a final product. Mr. Prasad Rao from Tata Power, Mr. Ritesh Nehate from TCS ltd, Mr. Vishal Jadiya from Hexaware Technologies, Mr Sanjay Jain from NPCIL judged the completed projects in the final round.



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



## Final round project presentation

Three best projects were declared as winners. The projects were judged based on the feedback received by the judges and the number of likes that each project gets. The result was calculated based on 70% of judges' feedback + 30% of the number of views obtained by each project.

The following teams won the LBS Championship 2021-22.

### 1st Position : Project Title - AI in Agriculture

Mentor: Mr. Ameya Parkar (Assistant Professor, MCA)

Team: (AI & DS, SE)

Prasad Jawale

Priyanshu Singh

Deepak Prasad

Tejas Patne

### 2nd Position: Project Title - Smart Pill Dispenser

Mentor: Mr. Shobhit Khandare (Assistant Professor, EXTC)

Team: (EXTC, TE)

Aishvarya Mahadeo Birambole

Risa Samanta,

Saakshi Karkera

### 3rd Position: Project Title - GistGator (MoM)



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

Mentor: Ruchi Rautela(Assistant Professor ,MCA)

Team: (CMPN, TE)

Shubham Zope

J N Guru Akaash

Nihar Kenny

Nair Ajay Ravindran

The prize distribution ceremony was held on 21st April 2022, on annual day.



**Winning team with trophy**



**Runners up team with trophy**



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Industry / Institute Interaction

### 1. Automation Industries Association (ETRX, INST & EXTC)

**AY 2021-22**

**Event description:** Industry proctored project under B&R Industrial Automation Pvt. Ltd.

B&R Industrial Automation Pvt. Ltd, Pune, Maharashtra offered industry collaborated training and project mentorship to final and pre-final year students. Participants were trained on various methods of PLC programming and HMI development. Program development for various applications in process control, motion control, factory automation, etc was taught to participants. Different methods of programming such as ladder, structured text, block diagram, etc were covered in detail. B&R Automation Studio 4.7 is used for program development and simulation. Automation Studio software supports OPC UA (Open Platform Communications - Unified Architecture). Several simulations were also demonstrated in iPhysics and ACOPOSTrack.

OpenAutomation Challenge 2021 (OAC '21) was organized by B&R Industrial Automation Pvt. Ltd in October 2021. OAC'21 was open to all colleges. Around 100 teams participated in the competition. Only 20 teams were shortlisted. Two teams participated from VESIT. Team 1: PLC based AGRIVOLTICS and Team 2: Automated Ev Parking. Team 1 was eliminated in preliminary elimination rounds. No certificate was awarded to Team 1. Team 2 qualified elimination rounds. Participated in the competition. Team 2 is awarded a Participation Certificate. Sample participation certificate of the shortlisted team is "B&R OAC '21 - Participation Certificate - Manish Patil.jpg".

#### Broad areas of training and project mentorship:

1. Machine Centric Robotics (MCR) + OPC-UA
2. Digital Twin + OPC-UA

Date: 13<sup>th</sup> Sep to 23<sup>rd</sup> Sep, 2021. From 11 AM to 4 PM

Duration: 2 weeks. Course certificate awarded for 30 days

Number of students participants: 47 (23 BE, 24 TE)

Number of faculty participants: 5

#### Industry trainer/mentor

Mr. Tanmay Sharma

Engineer

Business Development & Education Network

B&R Industrial Automation Pvt. Ltd, Pune, Maharashtra



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

+91 86696 20181, tanmay.sharma@br-automation.com

List of faculty associated with B&R industry proctored projects

Sr.no.	Name	Designation	Department	email	Phone no.
1	Prasad Godse	Assistant Professor	Instrumentation engineering	prasad.godse@ves.ac.in	9821317178
2	Nilima Warke	Associate Professor	Instrumentation engineering	nilima.warke@ves.ac.in	9967585793
3	Kader B T Shaikh	Assistant Professor	Instrumentation engineering	kader.shaikh@ves.ac.in	9833191909
4	Kanchan Chavan	Associate Professor	Instrumentation engineering	kanchan.chavan@ves.ac.in	9322828240
5	Kadambari Sharma	Assistant Professor	Instrumentation engineering	kadambari.sharma@ves.ac.in	8976690084

## **Event description:** Hands-on training in Automation Workshop

Focus of the workshop is to develop the skills and expertise required in factory automation and motion control systems. Learning would be imparted through a problem-based learning (PBL) approach to develop automation thinking and solution development for projects with both digital and analog I/O's. Interfacing devices to PLC, PLC program development, developing HMI interfaces and introduction to Drives would be covered in the workshop. The course would be conducted jointly by VESIT faculties and industry expert involved in development, installation, commissioning and training of factory automation and motion control systems. Course certificate would be awarded to students on successful completion of course and development of an automation system for a real world problem.

Development software's:

Automation Studio, B&R Automation

Totally Integrated Automation (TIA) Portal, Siemens

Duration: 4<sup>th</sup> to 7<sup>th</sup> April 2022, 9 AM to 6 PM.

Number of students participants: 15





# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Industry trainer/mentor

Sr No	Name	Designation	Industry	Topic covered
1.	Mr. Tanmay Sharma	Senior Engineer, Business Development and Education Network	B&R Industrial Automation Pvt. Ltd. Pune	PLC Programming, I/O mapping, debugging and HMI development on B&R Automation Studio
2.	Mr. Anuj Pandey	Service engineer	Endress+Hauser, Mumbai	System integration and testing
3.	Mr. Bhupendar Rana	Service engineer	SICK INDIA Pvt. Ltd., Mumbai	System integration and testing

## List of VESIT-AIA faculty trainers

Sr No.	Name	Department
1	Mr.Prasad Godse	Instrumentation engineering
2	Mr.Kader B T Shaikh	Instrumentation engineering



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Industry projects

### Department of Computer Engineering

Sr. No.	Name Of the Students	Class	Mentor	Title of the Project	Industry
1	Sahil Lotya Nikhil Gangaramani Akansha Ahuja Shivani kulkarni	BE	Dr. Sujata Khedkar	Detection of adverse drug reaction using vaccine safety data	CereLabs Collaboration 2021-22
2	Rahul Koli Jayant Mukundam Muskaan Sharma Harshita Mishra	BE	Mrs. Rupali Hande	Business Meeting Summarisation using LSTM Framework	
3	Amit Dinesh Chhabria Rashmi Manwani Priyanka Asrani	TE	Dr. Nupur Giri	Automated visual inspection of silicon detectors in CMS experiment	TIFR Mumbai
4	Swarangi Dali Vaishnavi Ainapure Ajay Singh Khalsa	TE	Mr. Richard Joseph		
5	Aabha Ranade Dhwani Serai Dhiren Soneji Abhinav Sharma	TE	Mrs. Priya R. L + Mrs. Lifna C.S	OCR Based Systems	



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

6	Prem Chhabria Jay Jhaveri Abhay Gupta Neeraj Ochani	TE	Dr. Sharmila Sengupta + Mrs. Sunita Suralkar	Secured Data Communication	
7	Salonee Velonde Dimple Nachnani Mayur Manik Pawar Sejal Kriplani	TE	Dr. Gresha Bhatia + Mrs. Abha Tewari	Touchless Attendance System	
8	Aashish Ramesh Raheja Kartikey Verma Ashwin Pansare	TE	Dr.Mrs.Nupur Giri	Climate, Air Pollution and Forest fires : AI based models for Indian case study	
9	Manasvi Patwa Bhavika Chattani Sahil Deshmukh Varnit Batheja	TE	Mrs.Sharmila Sengupta	Towards attaining SDG with AI: assessment of riverine plastics	



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

10	J N Guru Akaash Nair Ajay Ravidran Manigandan Kasimani Varun Tripathy	TE	Mrs.Priya R.L	AI based statistical analysis of land-use plastic pollution in India	Microsoft AI for Earth Grant Projects
11	Parth Paresh Wadke Vivek Shivkumar Gonal Divesh Vijay Watwani Prithviraj Chavan		Mrs. Sunita Sahu / Mrs. Richa Sharma / Mrs. Manisha Mathur	Forecasting of Carbon Emission due to Meat Industry	
12	Rounak Talreja Prium Rohera Varsha Jawrani Bhajan Watwani	TE	Mrs .Sharmila Sengupta	To detect and prevent paddy diseases	Mahatma Phule Krishi Vidyapeeth, Rahuri Agriculture Research Station Lonavala
13	Aryan Bedi Kartik Nagdev Rohit Manghani Pratik Aswani	TE	Mrs.Mannat Daultani	Konark Dossiers	Konark IP Dossiers Pvt. Ltd.



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Awakening The Scientist Report

**AY 2021-22**

An engineer needs to be observant on how basic science makes a difference in our day to day life. Awakening the Scientist is such a platform provided to the First year students to express their innovative ideas. It is organized by H&AS department in association with VESIT IIC and IQAC.

To make students aware of this opportunity, an inaugural speech was conducted by Prof. A Nagananda (Training and Placement officer, VESIT) for three days. The speech was for an hour in which Prof. A Nagananda explained the importance of idea pitching and application of discoveries and inventions in the basic science domain. He also explained rapid changes in technology and related the past, present, and future of few technologies. Not only he made students aware of the importance of having sound technical knowledge in this competitive world but also on the art of working in a group with an attitude of sharing and caring.

First year students make groups, and each group identifies the basic engineering and technology used in the gadget and tools used in everyday life. This year , 14 groups with a total number of 54 students had registered for this event. The enrolled students were asked to submit a one-page synopsis which includes name of the gadget or equipment, principle of operation, scientific laws applicable, engineering and technological aspects, future trends and domain. A special seminar was conducted by Prof.A.Nagananda on 'How to make PPT' which would focus on Do's and Don'ts while making and presenting PPT.

Elimination round was conducted for all the groups enrolled and 6 groups were selected for the final round. Final round was conducted on 7 th May 2022. Each group was given 10 minutes time for presenting their gadget in both the rounds followed by a 5 minutes question and answer session. Total 3 positions were announced from 6 groups along with 2 best speakers and 2 most promising speakers. Students were given participation and winning certificates.



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Enrolled Groups:

S.No.	Group Leader	Topic
1	Mohit Kailas Patil	Earphone
2	Sai Nilesh Thikekar	Contact lens
3	Johan john	Lock
4	Sneha Dharmendra Tanna	Torch
5	Tejas Sharma	Speaker
6	Nikita kumawat	Pen
7	Aatharvaa Shiveshwarkar	PULSE OXIMETER
8	Abhinaya Danda	Smart Watch
9	Sneha Naik	SIM CARD
10	Vishal Yadav	Refrigerator
11	Bhakti Daga	Mosquito repellent
12	Sharvari Patwardhan	Charger
13	Kaushik puli	Water heater
14	Aditya mangtani	Projector
15	Khyati Hegde	Hair Straightener

## Judges in Elimination Round:

1. Dr.Manisha T
2. Dr.Sunanda M
3. Dr.Shashwati M
4. Dr.Maya B
5. Dr.Keya D
6. Dr.Goldy P
7. Dr.Pradnya P
8. Dr.Payal B
9. Mr.Dattatraya G

## Judges in Final Round:

1. Dr.Nadir C
2. Dr.Shashwati M
3. Mr.Sanjay M



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Coordinators:

- 1] Mr. Mahesh Singh
- 2] Ms. Ramya T
- 3] Mr. Vijay Shejwalkar



## ATS Group presenting their topic



## Sample Certificate



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Problem-solving methodologies

### Technical Event

#### Praxis 22

VESIT Renaissance Cell (VRC) in association with VESIT IIC and IQAC had organized the technical festival of VESIT, Praxis '22. Praxis was held on 31st March 2022, with the Pre-Praxis events conducted from 19<sup>th</sup> March 2022 till 30<sup>th</sup> March 2022. All Technical Societies within VESIT viz. IEEE-VESIT, ISTE-VESIT, CSI-VESIT and ISA-VESIT and E-cell had organized one Pre-Praxis event and one Praxis event. VRC had organized two Pre-Praxis events and one Praxis event. In all there were 13 technical events with 1450+ students participating in it.

#### Event Wise Details

Sr. No	Date	Event Name	Timing	Participation details (count)
1	20th March 2022	VRC : Speaker series on "Towards Vibrant Innovation Ecosystem"	10.00-12.00	183
2	19th March 2022	VRC : Internal Hackthon for SIH22	8.30-5.30	156
3	25th March 2022	IEEE : Seminar on Space Exploration and Technologies	3.00 - 5.00 PM	117
4	28th March 2022	E-Cell : Learn to compound your money !	2.45 PM	78
5	29th March 2022	ISTE: Techtrix	12 noon	67





# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

6	30th March 2022	CSI : Sherlock & Watson	3:00 - 5:00 PM	66
7	29th March 2022	ISA: The Tech-Game Quadrangle	2:45 pm onwards	47
8	31st March 2022	VRC : Robotics	Full Day	67
9	31st March 2022	IEEE: Case Closed	9.00-12.30	191
10	31st March 2022	E-cell : VESIT Valley	Full Day	10
11	31st March 2022	ISTE : Dalal Street	1.00-4.30	184
12	31st March 2022	CSI : Amazing Race	9.00-12.30	210
13	31st March 2022	ISA : Scavenge to Build	1.00-4.30	68



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

Event Name	Team No	No. of Participants	Winning Teams			Category
			Name	Class	Position	
Internal Hackathon	1	6	Aashish Nair	D12C	1	Software
Internal Hackathon			Mihir Pamnani	D12C	1	Software
Internal Hackathon			Mrunmayee Waingankar	D12C	1	Software
Internal Hackathon			Akash Sonare	D12C	1	Software
Internal Hackathon			Sneha Karthik	D12C	1	Software
Internal Hackathon			Jay Deshmukh	D12C	1	Software
Internal Hackathon	2	6	Tejas Mahajan	D12A	2	Software
Internal Hackathon			Rushabh RIjhwani	D12C	2	Software
Internal Hackathon			Juhi Chhatlani	D12A	2	Software



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

Internal Hackathon			Vaidehi Bhagwat	D12A	2	Software
Internal Hackathon			Aishwarya Krishnamurthy	D12A	2	Software
Internal Hackathon			Himanshu Behra	D12B	2	Software
Internal Hackathon	3	5	Varun Bhat	D19A	3	Software
Internal Hackathon			Manasee Parulekar	D19A	3	Software
Internal Hackathon			Bhuvana Raisinghani	D19A	3	Software
Internal Hackathon			Divesh Hariani	D17A	3	Software
Internal Hackathon			Amit Chhabria	D17C	3	Software
Internal Hackathon	4	6	Salonee Velonde	D17B	4	Software
Internal Hackathon			Sejal Kriplani	D17C	4	Software
Internal Hackathon			Dimple Nachnani	D17C	4	Software



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

Internal Hackathon			Mayur Pawar	D17A	4	Software
Internal Hackathon			Etisha Mathurvaishya	D17C	4	Software
Internal Hackathon			Khushi Zawar	D17B	4	Software
Internal Hackathon	5	6	Parthesh Pawar	D17B	5	Software
Internal Hackathon			Kunal Kotkar	D17B	5	Software
Internal Hackathon			Sanket Jangale	D17B	5	Software
Internal Hackathon			Tanvi Shetty	D17B	5	Software
Internal Hackathon			Rohit Jadhav	D17B	5	Software
Internal Hackathon			Siddhesh Bhare	D17B	5	Software
Internal Hackathon	6	6	Aditi Singh	D15A	6	Software
Internal Hackathon			Nidhi Thakkar	D15A	6	Software



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

Internal Hackathon			Ryan Rodricks	D15A	6	Software
Internal Hackathon			Shalaka Waghmare	D15A	6	Software
Internal Hackathon			Maitryee Choudhary	D12B	6	Software
Internal Hackathon			Samita Kanojia	D12B	6	Software
Internal Hackathon	7	6	Chinmay Vyapari	MCA1B	7	Software
Internal Hackathon			Yash Sawant	MCA1B	7	Software
Internal Hackathon	8	5	Garv Jhangiani	D12A	8	Software
Internal Hackathon			Muskan Hassanandani	D12A	8	Software
Internal Hackathon			Shreya Hegde	D12A	8	Software
Internal Hackathon			Prerak Moolchandani	D12A	8	Software
Internal Hackathon			Orijeet Mukherjee	D12A	8	Software



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

Internal Hackathon	9	5	Prajyot Kamble	D11B	1	Hardware
Internal Hackathon			Bhakti Kambli	D11A	1	Hardware
Internal Hackathon			Samay Gadade	D11A	1	Hardware
Internal Hackathon			Vraj Mehta	D11A	1	Hardware
Internal Hackathon			Freya Mota	D11B	1	Hardware
Internal Hackathon	10	6	Anushka Darure	D9A	2	Hardware
Internal Hackathon			Atharva Kale	D9A	2	Hardware
Internal Hackathon			Yash Chavan	D9A	2	Hardware
Internal Hackathon			Manasi Pawar	D9A	2	Hardware
Internal Hackathon			Maitreya Kadam	D9A	2	Hardware
Internal Hackathon			Gaurang Kedare	D9A	2	Hardware



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)





# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Technology day

### Department of Electronics Engineering

**A.Y. 2021-22**

The Department of Electronics Engineering, (VESIT) organized SCI-TECH FAIR, Project Exhibition of Third and Final Year Students Project on 20th April 2022 (Wednesday). Students exhibited innovative project ideas through this platform.

**Venue: Lab No. : 201, 202, 205, 206, 209, 215.**

Following faculty members co-ordinated the “SCI TECH FAIR ”

1. Dr. Abhay Kshirsagar
2. Mrs. Dipti Karani
3. Mr. Abhishek Chaudhari

**Vivekanand Education Society's  
Institute of Technology**  
(Affiliated to University of Mumbai, Approved by AICTE and  
Recognized by Govt. of Maharashtra)

**Vivekanand Education Society's Institute of Technology**  
**Department of Electronics Engineering**  
**Organizes**  
**SCI - TECH FAIR**  
**Project Exhibition**

**Date : 20th April 2022**      **Time : 10:00 am to 2:00pm**

**Venue: Lab 201, 202, 205, 206, 209 & 215**

**Co-ordinators**  
Dr. Abhay Kshirsagar, Mrs. Dipti Karani,  
Mr. Abhishek Chaudhari

Mrs. Kavita Towari  
HoD, Dept of Electronics

Mrs. Navetta Kant  
Deputy HoD, Dept of Electronics

Shri. B. L. Bhasani  
Managing Trustee, VES

Dr. (Mrs.) J. M. Nair  
Principal, VESIT

Dr. (Mrs.) M. Vijayalakshmi  
Vice Principal, VESIT

Hashu Advani Memorial Complex, Collector's Colony, Chembur (E), Mumbai - 400074, India  
TEL: 022-42222222 Fax: 022-42222222 E-mail: [ves@ves.ac.in](mailto:ves@ves.ac.in) / [principal@ves.ac.in](mailto:principal@ves.ac.in) / [viceprincipal@ves.ac.in](mailto:viceprincipal@ves.ac.in) / [ho@ves.ac.in](mailto:ho@ves.ac.in) / [deputyho@ves.ac.in](mailto:deputyho@ves.ac.in)





## Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

Following are the List of Projects with allotted Lab  
LAB NUMBER 201

Sr. No	Group Number	Title of Project
1	G16A 1	Virtual Attendance
2	G16A 2	RFID Based Inventory Tracking and Management System for Colleges
3	G16A 3	Smart Gardening System
4	G16A 4	Implementation of Image Enhancement Techniques
5	G16A 5	Webapp for sign language communication
6	G16A 6	Food Quality Estimation Device for Marketplace.
7	G16B 1	Implementation of Image Classification using Convolutional Neural Networks model and Image processing
8	G16B 2	Natural Disaster Management System
9	G16B 3	Head of Multi Terrain Vehicle with Auto Navigation System
10	G16B 4	Agriculture Field Monitoring and Irrigation Controlled with WebApp
11	G16B 5	A child-friendly, user interactive web application designed for learning and promoting the Indian Sign language (ISL)
12	G16B 6	Hospital management system

LAB NUMBER 202

Sr. No	Group Number	Title of Project
1	G16A 7	IoT Based Fatal Disease Monitoring system
2	G16A 9	Hospital Queuing-Recommender System and Predicting Patient Treatment Time
3	G16A 10	SMART PARKING USING LORA
4	G16A 11	Covid 19 Health Parameter Monitoring Entrance System



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

5	G16A 15	PI DONOR
6	G16A 16	Level 4 Industrial Automation for Small Scale Industries
7	G16B 7	Post covid canteen food ordering system using contactless card
8	G16B 9	Compact Ventilator and IoT based health monitoring system
9	G16B 10	Human body gesture-controlled games portal for implementation of social causes
10	G16B 11	IoT based Bus Tracking and Crowd Monitoring System
11	G16B 15	AI Desktop Virtual Assistant
12	G16B 16	Contact less Hand Sanitizer

## LAB NUMBER 206

Sr. No	Group Number	Title of Project
1	G16A 8	Product Recommendation System
2	G16A 12	Agrocopter
3	G16A 13	Embedded System based Firefighting Kit
4	G16A 14	IoT Based Implementation Of Air Monitoring And Purification System
5	G16A 17	Application of Digital Image Correlation
6	G16B 8	Intelligent, Animal Attack Prevention System
7	G16B 12	Smart Health Monitoring System
8	G16B 13	Object Detection and Classification
9	G16B 14	Design And Implementation Of Wireless Charger For Electric Vehicle
10	G16B 17	Automatic waste classifier using Machine Learning

## LAB NUMBER 205



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

Sr. No	Group Number	Title of Project
1	G11A 1	Automatic Hand Sanitizer Dispenser Using Arduino
2	G11A 2	EVFinder App
3	G11A 3	IoT Based Early Flood And Avoidance System
4	G11A 5	Smart helmet
5	G11A 9	Password Based Door Lock System Using 8051 Microcontroller
6	G11B 7	Image to speech processing using Raspberry Pi
7	G11B 8	Designing an Op-Amp Circuit using Cadence Software
8	G11B 9	Touchless Doorbell system using IR sensor
9	G11B 10	Water Quality Monitoring using IOT
10	G11B 11	Dynamic website for online grocery ordering

## LAB NUMBER 209

Sr. No	Group Number	Title of Project
1	G11A 4	IOT based Smart Parking System
2	G11A 6	Automatic Waste Segregator
3	G11A 12	Real-Time Face Recognition Using Raspberry Pi
4	G11A 13	Expense Tracking App
5	G11B 5	Online bus reservation system
6	G11B 6	EasyFood – Website
7	G11B 12	IoT Based Patient Health Monitoring using ESP8266 & Arduino
8	G11B 13	ML based Chatbot

## LAB NUMBER 215



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

Sr. No	Group Number	Title of Project
1	G11A 7	Car Reselling Price Prediction Using Machine Learning
2	G11A 8	Reconfigurable Priority Encoder
3	G11A 10	Self cleaning system for solar panels
4	G11A 11	Ultrasonic Distance Measurement
5	G11B 1	Noise pollution monitoring system
6	G11B 2	IoT Based Patient Health Monitoring System.
7	G11B 3	Rotark 2.0- control system
8	G11B 4	Face mask detector with temperature scanner using arduino and esp32 cam.





# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Technology day

### Department of Computer Engineering

#### Pradarshan'22

Department of Computer Engineering, VESIT in association with IQAC organized Departmental Technology Day, Pradarshan'22 (A Project Competition) on 28th March, 2022 Monday.

#### Details of the Student Teams:

Sr. No.	Name of the Students	Class	Project Title	Area of Specialization	Mentor Name	Award
1	Nirmiti Sali	TE	Detection of Covid-19 using Chest X-Rays	Image Processing	Mrs. Nusrat Ansari	1st Prize
	Srushti Biwalkar	TE				
	Nimisha Khadilkar	TE				
	Amisha Swamy	TE				
2	Siddhesh Gadge	BE	Prime Era - One place for learning fundamentals of Indian regional languages and Indian sign language	Product design and Development	Mrs. Indu Dokare	1st Prize
	Siddhesh Bhare	BE				
	Rohit Jadhav	BE				
	Kedar Kharde	BE				
3	Prem Chhabria	BE	Secured Data Communication	Networking and Security	Dr. Sharmila Sengupta + Mrs. Sunita Suralkar	2nd Prize
	Jay Jhaveri	BE				
	Abhay Gupta	BE				
	Neeraj Ochani	BE				
4	Parthesh Pawar	BE	Unremitting Surveillance: A Patient	IoT and Robotics	Mr. Richard Joseph	2nd Prize
	Sanket Jangale	BE				
	Kunal Kotkar	BE				



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

	Aashish Nagpal	BE	Monitoring System			
5	Akhil Chakkungal	TE	Identifying Foliar Diseases in Tomato Plants	Data analytics and Machine Learning	Mrs Lifna.C.S	3rd Prize
	Riya Shukla	TE				
	Samita Kanojia	TE				
	Palak Garg	TE				
6	Sahil Lotya	BE	Detection of ADR from vaccine safety data	Industry	Sujata Khedkar	3rd Prize
	Nikhil gangaramani	BE				
	Akansha Ahuja	BE				
	Shivani Kulkarni	BE				
7	Roshni jaisinghani	SE	Android - Memory Game Development for Kindergarten	Product design and Development	Mrs. Pallavi Saindane/ Mrs. Ashwini Gaikwad	Finalist
	Sahil Dodeja	SE				
	Vanshika Makhijani	SE				
	Divya Makhija	SE				
8	Payal Kukreja	TE	Votechain : A Decentralized Voting System	Networking and Security	Mrs. Veena Trivedi	Finalist
	Payal Mangtani	TE				
	Sakshi Ailsinghani	TE				
	Kumodh Kukreja	TE				
9	Jahnvi Mulchandani	TE	Amigo: My virtual friend	Data analytics and Machine Learning	Mrs.Mannat Daultani	Finalist
	Shruti Koku	TE				
	Aryan Gupta	TE				
	Ruchika Dusija	TE				
10	Sneha Karthik	TE	Road Condition Detection	Image Processing	Mrs. Vidya Zope	Finalist
	Srishti Shetty	TE				



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

	Gauri Mahajan	TE				
	Mrunmayee Waingankar	TE				
11	Manasvi Patwa	TE	Towards attaining SDG with AI: assessment of riverine plastics	AI, Deep Learning and DWH Mining	Mrs.Sharmila Sengupta	Finalist
	Bhavika Chattani	TE				
	Sahil Deshmukh	TE				
	Varnit Batheja	TE				
12	J N Guru Akaash	TE	AI based statistical analysis of land-use plastic pollution in India	AI, Deep Learning and DWH Mining	Mrs.Priya R.L.	Finalist
	Nair Ajay Ravidran	TE				
	Manigandan Kasimani	TE				
	Varun Tripathy	TE				
13	Parth Paresh Wadke	TE	Forecasting of Carbon Emission due to Meat Industry	AI, Deep Learning and DWH Mining	Mrs. Sunita Sahu, Mrs. Richa Sharma & Mrs. Manisha Mathur	Finalist
	Vivek Shivkumar Gonal	TE				
	Divesh Vijay Watwani	TE				
	Prithviraj Chavan	TE				
14	Aashish Ramesh Raheja	TE	Climate, Air Pollution and Forest fires : AI based models for Indian case study.	AI, Deep Learning and DWH Mining	Dr. Mrs.Nupur Giri	Finalist
	Kartikey Verma	TE				
	Ashwin Pansare	TE				
15	Amit Dinesh Chhabria	BE	Cloud Computing & HPC	Automated visual inspection of silicon detectors in CMS experiment	Dr. Nupur Giri	Finalist
	Rashmi Manwani	BE				
	Priyanka Asrani	BE				
16	Swarangi Dali	BE			Mr. Richard	Finalist



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

	Vaishnavi Ainapure	BE			Joseph	
	Ajay Singh Khalsa	BE				
17	Aabha Ranade	BE	AI, Deep Learning and DWH Mining	OCR Based Systems	Mrs. Priya R. L + Mrs. Lifna C.S	Finalist
	Dhwani Serai	BE				
	Dhiren Soneji	BE				
	Abhinav Sharma	BE				
18	Salonee Velonde	BE	Data analytics and Machine Learning	Touchless Attendance System	Dr. Gresha Bhatia + Mrs. Abha Tewari	Finalist
	Dimple Nachnani	BE				
	Mayur Pawar	BE				
	Sejal Kriplani	BE				
19	Rahul Koli	BE	Product design and Development	Business Meeting Summarization	Rupali Hande	Finalist
	Jayant M.	BE				
	Muskaan Sharma	BE				
	Harshita Mishra	BE				
20	Rounak Talreja	TE	Industry (Product design and Development)	Paddy: To detect and prevent paddy crop disease	Mrs.Sharmila Sengupta	Finalist
	Prium Rohera	TE				
	Varsha Jawrani	TE				
	Bhajan Watwani	TE				
21	Shreya Shah	BE	Industry (Product design and Development)	AgriCare	Mrs.Sharmila Sengupta	Finalist
	Ian Sequeira	BE				
	Etisha M.	BE				
	Chinmay W.	BE				
22	Dheeraj C. Yadav	TE	Image Processing	Sign Language Recognition System	Rupali Hande	Finalist
	Laksh Lalwani	TE				
	Naman Tahilyani	TE				





# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Project Competitions

### Department of Electronics Engineering

Sr.No.	Name of Student	Class	Name of Competition	Date of Competition
1	Jayesh Mahajan	BE	Innovations 2022	9/4/2022
2	Jayesh Rajendra Mahajan	BE	XZIBIT 2022	12/4/2022
3	Paras Dhanaji Dhekale	BE	CIIA Inter Institution Students Innovation Exhibition & Competition	30/3/2022
4	Rajesh Rabindra Muni	TE	Script Winter Of Code 2022	1/12/2021
5	Rajesh Rabindra Muni	TE	“AI-Syberthon : Hackathon Uses AI for fraud detection at bank	3/9/2021
6	Freya Mota	TE	National Level Quiz on Python Programming	21/1/2022
7	Sushil kumar kori	TE	Dolat capital hackathon	18//62022
8	Ashwin Diwadkar	SE	ISA	15/1/2022
9	Moteepur Jamshed	SE	17th Aavishkar	27/12/2022
10	Atharva Godkar	FE	Online poster making competition for world environment day	6/6/2022
11	Vansh Hitesh Dhoka	FE	World Environment Day Poster Competition	4/6/2022
12	Madhurima Kaustubh Tamhankar	SE	Elucimate 2.0	17/8/2021
13	Vipul Vishe	TE	The path towards Embedded System Engineer	9/8/2021



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

14	Bhakti Kambli	TE	CIIA Project exhibition	29/3/2022
15	Prajyot Dinkar Kamble	TE	CIIA	29/3/2022
16	Paras Dhekale	BE	CIIA	29/3/2022



**Sample Certificate of student participation**



**Sample Certificate of student participation**



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Project Competitions Department of Computer Engineering

### Smart India Hackathon/Hackathons

Our Hon'ble Prime Minister, Shri Narendra Modi, envisages a Digital India to bridge the digital divide in our country and further promote digital literacy in order to make development a comprehensive mass movement and put governance within everyone's reach in India. In order to work towards our PM's vision, MHRD, All India Council for Technical Education (AICTE) organizes the Smart India Hackathon every year.

#### Internal Hackathon conducted by VRC Cell

51 software teams and 6 Hardware teams were registered. Total 26 teams from CMPN registered for the software category. The elimination Round was conducted by VESIT Renaissance Cell. **17 software teams from CMPN were shortlisted for the Internal Hackathon.** Internal Hackathon was conducted in offline mode on 19th March 2022 in VESIT Library from 8:30 am to 5:00 pm .

**6 final teams and 2 waiting teams were shortlisted from CMPN for SIH 2022.**

Sr. No.	Team Name	Team Members	Problem Statement Title	Award/Achievement
1	BetaVerse	Kunal Kotkar/D17B Sanket Jangale/D17B Tanvi Shetty/D17B Rohit Jadhav/D17B Siddhesh Bhare/D17B	Artificial Intelligence Based mobile application for the workers and website based admin tool for management.	Finalist
2	ByteCoders	Aashish Nair/TE Mihir Pamnani/TE Mrunmayee Waingankar/TE Akash Sonare/TE Sneha Karthik/TE Jay Deshmukh/TE	Speech Emotion Recognition (SER) on live calls while creating events	Finalist



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

3	Tensors	Tejas Mahajan/D12A Rushabh RIjhwani/TE Juhi Chhatlani?D12A Vaidehi Bhagwat/D12A Aishwarya Krishnamurthy/D12A Himanshu Behra/D12B	Student Innovation	Finalist
4	Binary Brains	Garv Jhangiani/D12A Muskan Hassanandani/D12A Shreya Hegde/D12A Prerak Moolchandani/D12A Orijeet Mukherjee/D12A Kapish Madhwani/D12A	Optimum proximal fuel station indicator	Finalist
5	Solution Makers	Sejal Kriplani/D17C Dimple Nachnani/D17C Mayur Pawar/D17A Etisha Mathurvaishya/D17C Khushi Zawar/D17B	Attendance systems for students of government aided schools	Finalist
6	INNOVATORS	Varun Bhat Manasee Parulekar Bhuvana Raisinghani Shubhranshu Arya Amit Chhabria Divesh Hariani	Enabling alternative accessible strategies for persons with speech impairment.	Finalist
7	The Hex Clan	Paras Patil/D12B Rashmi Singh/D12B Asmita Bhangare/D12B Shubhangi Zope/D12B Hrithika Singh/D12B Vishesh Mittal/D12B	Student Innovation	Finalist (Waiting List)
8	BridgeTheGa	Yashraj Desai/D12B	Making Career Choices and AI-	Finalist



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

	p	Shreyas Poojari/D12B Mihir Rane/D12B Aniket Dewnani/D12B Dhruvisha Mondhe/D12B Rutuja Patil/D12B	based counseling accessible to every child at secondary level along with aptitude test and Detailed Career Paths	(Waiting List)
9	HexCoderz	Shubham Zope/D12AJ N Guru Akaash/D12A Minal Katware/D12A Anurag Saraswat/D12A Nihar Kenny/D12A	An AI/ML based solution that generates short summaries of press releases for easy and more targeted dissemination of information to the people. Such a TL,DR (Too Long, Didn't Read) software may be integrated in an app-based solution.	Shortlisted for Round I
10	API Dhillon	Shreeja Nanda/D17B Shreyas Udupa/D17B Manoj Ayyappan/D17BA Aashish Nagpal/D17B Anmol Devnani/D17B Gurudatt Gaonkar/D17B	Develop an application that can detect tumors on lung CT scans for diagnosis of Lung Carcinoma	shortlisted for round I
11	Webscape	Mohit Shahdadpuri/D7A Isha Desai/D7A Riya Nadagire/D7A Chaitanya Sondur/D7A Vansh Pahuja/D7A Kaushik Sahasranaman/D7A	Tracking the attendance of students for timely granting of aids from the government.	Shortlisted for round I
12	INNOVATORS	shivani kulkarni/D17C Saloni Ingle/D17C  Yashkumar Jain/D17B Aniket Pawar/D17A Jayesh Dhanrajni/D17B	A straightforward framework for automatic proctoring to create online tests, effortlessly.	Shortlisted for round I



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

13	The Six-Up	Radhika Katiyara/D12A , Drishti Katiyara/D12B , Laveena Kithani/D12A , Varsha Jawrani/D12B , Payal Kukreja/TE	Digital Grammer Teacher	Shortlisted for round I
14	HEXA\COD E	Krish Amesur/D17A Aditya Gurnani/D17A Omkar Mane/D17A Advait Naik/D17A/ Aabha Ranade/D17A Rashmi Manwani/D17A	A simplified app for assessment of reading and writing difficulties in persons with Specific Learning Disabilities.	Shortlisted for round I
15	Code Brigade	Puneet Meghrajani/D17A Divya Raisinghani/D17A Sejal Budhani/D17A Riya Matwani/D17A Gauravi Tolamatti/D17A Sakshee Sawant/D17B	Accessing visual information (written information) by persons with visual disability.	Shortlisted for round I
16	Bugs & Bytes	Yash Wadhvani/D17C Bhavesh Lohana/D17C Dimple Nachnani/D17C Harshita Kanal/D17C Jatin Chhabria/D17C Muskan Tanna/D17C	Attendance systems for students of government aided schools	Shortlisted for round I
17	Grassrooters	Tanay Phatak/D7B Neeraj Chawla/D7B Yashraj Mulwani/D7A Paarth Kulkarni/D12B Shivoham Angal/D12B	App for government asset management	Shortlisted for round I
18	Coding Wizards	Srushti Biwalkar/TE Chouhan/TEGadhave/T E Nikita Jha/TE Shaikh Insha/TE	E-commerce for Artisans	Participant



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

19	BetaVerse	Kunal Kotkar/D17B Sanket Jangale/D17B Tanvi Shetty/D17B Rohit Jadhav/D17B Siddhesh Bhare/D17B	Ticketless Entry System to Monuments/Museums	Participant
20	Debug Entity	Sakshi Talreja/TE Riya Ranglani/TE Nimisha Khadilkar/TE Anand Tekwani/TE Amisha Swamy/TE	Attendance systems for students of government aided schools.	Participant
21	Technocrats	Yash Narkhede/D7B Japneet Rajput/D7C Yashvi Dhar/D7C	To develop Mobile software for guiding the tourist (Char Dham Yatra & other places) in Uttarakhand state.	Participant
22	ByteCoders	Aashish Nair/TE Mihir Pamnani/TE Mrunmayee Waingankar/TE Sneha Karthik/TE Akash Sonare/TE Jay Deshmukh/TE	Speech Emotion Recognition (SER) on live calls while creating events.	Participant
23	Team JARVIS	Shivani Shenai/D17B Vedant Sawant/D17B Gaurav Patil/D17B Saurav Telge/D17A Maitraiya Dandekar/D17B Abhijit Thikekar/D17A	NR1167 : Developing a solution for Gesture enabled commands for operating Laptops/PCs for frequently used operations on daily basis.	Participant
24	tashyd	Ayush Jain/D7B Siya Doshi/D7C Harsh Bakhtar/D7B Tanmay Thakare/D7B Dhananjay Pai/D7B Yash Brid/DSE/CMPN/	AI based chatbox	Participant
25	TechBots	Tanmay Thakare/D7B Harsh Bakhtar/D7B	AI based Chatbot to answer FAQs	Participant



## Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

		Ayush Jain/D7B Siya Doshi/D7C Dhananjay Pai/D7B Yash Brid/D7B		
26	Webscape	Mohit Shahdadpuri/D7A Isha Desai/D7A Riya Nadagire/D7A Chaitanya Sondur/D7A Vansh Pahuja/D7A Kaushik Sahasranaman/D7A	To develop one's ability to manage time for relevant aspects of one's life	Participant

### Hackathons

Sr. No	Name of Student	Class	Name of Competition	Date
1	Roshni jaisinghani Sahil Dodeja Vanshika Makhijani Divya Makhija	SE	CiiA-3 Innovations Exhibition Android - Memory Game Development for Kindergarden	28th and 29th March 2022
2	Nirmiti Sali Srushti Biwalkar Nimisha Khadilkar Amisha Swamy	TE	CiiA-3 Innovations Exhibition Detection of Covid-19 using Chest X-Rays	28 <sup>th</sup> and 29 <sup>th</sup> March 2022
3	Payal Kukreja Payal Mangtani Sakshi Ailsinghani Kumodh Kukreja	TE	CiiA-3 Innovations Exhibition Votechain : A Decentralized Voting System	28 <sup>th</sup> and 29 <sup>th</sup> March 2022
4	Jahnvi Mulchandani Shruti Koku Aryan Gupta Ruchika Dusija	TE	CiiA-3 Innovations Exhibition Amigo: My virtual friend	28 <sup>th</sup> and 29 <sup>th</sup> March 2022





# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

5	Sneha Karthik Srishti Shetty Gauri Mahajan Mrunmayee Waingankar	TE	CiiA-3 Innovations Exhibition Road Condition Detection	28 <sup>th</sup> and 29 <sup>th</sup> March 2022
6	Akhil Chakkungal Riya Shukla Samita Kanojia Palak Garg	TE	CiiA-3 Innovations Exhibition Identifying Foliar Diseases in Tomato Plants	28 <sup>th</sup> and 29 <sup>th</sup> March 2022



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Project Competitions

### Department of Electronics and Telecommunication Engineering

## E-SANCHAR 2022 Selected projects

Vivekanand Education Society's Institute of Technology  
Department of Electronics and Telecommunication Engineering  
In Association with IIC  
Presents Project Exhibition

### E-SANCHAR 2022

#### "Classification And Quality Analysis of peanut"

VARIETIES OF PEANUTS



Team Members :  
1] Dhanshri Agrawal  
2] Kshiti Koli  
3] Riddhi Rane  
4] Shruti Varhad  
Mentor Name:- Dr. Chandan Singh Rawat

Electronics & Telecommunication Department

Vivekanand Education Society's Institute of Technology  
Department of Electronics and Telecommunication Engineering  
In Association with IIC  
Presents Project Exhibition

### E-SANCHAR 2022

#### Computer Vision Based Automated Crowd Management in Bus Transport Service



Team Members :  
1] Muskaan Bhargava  
2] Amogh Joshi  
3] Akshay Khanna  
4] Saurabh Maurya  
Mentor Name:- Dr. Nadir Chamiya

Electronics & Telecommunication Department

Vivekanand Education Society's Institute of Technology  
Department of Electronics and Telecommunication Engineering  
In Association with IIC  
Presents Project Exhibition

### E-SANCHAR 2022

#### "PORTABLE RETINOSCOPE WITH VIRTUAL REALITY"



Team Members :  
1] Sahil Borghare  
2] Sakshi Davkhar  
3] Purva Saindane  
4] Aayush Patil  
Mentor Name:- Mr. A. Nagananda

Electronics & Telecommunication Department

Vivekanand Education Society's Institute of Technology  
Department of Electronics and Telecommunication Engineering  
In Association with IIC  
Presents Project Exhibition

### E-SANCHAR 2022

#### STOCK MARKET PREDICTION USING MACHINE LEARNING



Team Members :  
1] Simran Jadhav  
2] Kritika Pathak  
3] Shazia Shaikh  
4] Akshat Tiwari  
Mentor Name:- Dr. Ranjan Baibajain

Electronics & Telecommunication Department



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

Vivekanand Education Society's Institute of Technology  
Department of Electronics and Telecommunication Engineering  
In Association with IIC  
Presents Project Exhibition

## E-SANCHAR 2022

### "URJABHAVAN"



Team Members :  
1] Yusuf Kulkarni  
2] Kaustubh Salve  
3] Tanvi Soni  
4] Saheb Wadhwa  
Mentor Name:- Ashwini Sawant

Electronics & Telecommunication Department

Vivekanand Education Society's Institute of Technology  
Department of Electronics and Telecommunication Engineering  
In Association with IIC  
Presents Project Exhibition

## E-SANCHAR 2022

### Green Corridor Implementation and Real Time Adaptive Traffic Regulation using Machine Learning and Image Processing



Team Members :  
1] Rohan Khare  
2] Aarya Naik  
3] Shikhar Raj  
4] Anusha Srivastava  
Mentor Name:- Shobhit Khandare

Electronics & Telecommunication Department

Vivekanand Education Society's Institute of Technology  
Department of Electronics and Telecommunication Engineering  
In Association with IIC  
Presents Project Exhibition

## E-SANCHAR 2022

### Driving Assistant with Crash Detection and Alert System Using ML and IOT



Team Members :  
1] Varun Vicharay  
2] Siddhant Sawant  
3] Omkar Salunkhe  
4] Ayush Sachdev  
Mentor Name:- Mrs. Neeta Chavan

Electronics & Telecommunication Department

Vivekanand Education Society's Institute of Technology  
Department of Electronics and Telecommunication Engineering  
In Association with IIC  
Presents Project Exhibition

## E-SANCHAR 2022

### STOCK ANALYZER AND TRADING BOT USING MACHINE LEARNING



Team Members :  
1] Saachi Sanjeev Dudani - D19A - 12  
2] Esa Mohammed Hussain Malik - D19A - 30  
3] Manish Rajendra Sonje - D19A - 61  
4] Gaurav Rakesh Tanna - D19A - 62  
Mentor Name:- Mr. Chintan Jethva

Electronics & Telecommunication Department



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Project Competitions

### Department of Information Technology

#### Deep Blue Hackathon

Sr. No	Name of Student	Class	Name of Competition	Date
1	Prathmesh Kesarkar	TE	PROJECT DEEP BLUE SEASON 7	16 th April 2022.
2	Suraj Moolya	TE	PROJECT DEEP BLUE SEASON 7	16 th April 2022.
3	Kunal Khandelwal	TE	PROJECT DEEP BLUE SEASON 7	16 th April 2022.
4	Aaftab Shaikh	TE	PROJECT DEEP BLUE SEASON 7	16 th April 2022.
5	Aamir Ansari	TE	DEEP BLUE HACKATHON	10th April, 2022
6	Ninad Rao	TE	DEEP BLUE HACKATHON	10th April, 2022



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Project Competitions

### Department of Artificial Intelligence and Data Science

Sr No	Name of the student	Class	Name of Competition	Date
1	Deepak Prasad	SE	ATS	2022



Sample Certificate of participation



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Project Competitions

### Department of MCA

Sr.no.	Project Name	Name of Student	Name Of Competition
1	Farmer Application	Nishant Khalate Veda Pingale Hrshikesh Gawas	Prakalp
2	Smartify Me	Kunal Bhosle Shrutesh Karam Pranita Raut	Prakalp
3	SafeMedia.AI	Narottam Aswal Chandrakrishna Bajaj Atharva Kale	Prakalp
4	E commerce Website	Hrshikesh Thite Jawad Shaikh Sagar Hatwar	Prakalp
5	AI Assistant	Rupesh Bovalekar Siddhesh Waman Ronak Pathare	Prakalp
6	AI Virtual Mouse	Sarvesh Mahajan Adinath Dixit Saurabh Tikam	Prakalp
7	Desktop Assistant	Saurabh Rewadkar Roshni Yadav Rohit Kumar Gupta	Prakalp
8	AI Assistant	Pragati kankariya Amruta Shahane	Prakalp



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

9	Discord Bot	Chiranjit Singh Ritesh Dhandi	Prakalp
		Rittik Gupta	Prakalp
10	Cryptocurrency Prediction	Tejaswini Mahajan Muskan Otari Jagruti Lilhare	Prakalp
11	Home Automation	Prashant Trivedi Adarsh Sawant	Prakalp
12	virtual assistant	NinadParab Chinmay Mhatre AdeshHemwani	Prakalp
13	Online Inventory Management System	Julian Dsa Azeem Ahmed Siddiqui	Prakalp
14	Motor Vehicle Collision Data Analyzing Web Application	Tushar Annam Ganesh Parab Sandeep Gounder	Prakalp
15	EventBase	Amandip Singh Amit Vishwakarma Bhavik Boricha	Prakalp
16	Business Manager	Kshitij Jadhav Rutik Chaudhari Yasir Khan	Prakalp
17	Mumbai Metro Android App	Suryanshu Raj Santosh Sahani Abhinay Shukla	Prakalp



# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

18	Exam Application	Kajal Waghmode Sadhna Nagar	Prakalp
19	Ambulance service app	Abhishek Rajpurohit Nikhil Mhatre	Prakalp
20	Skin Disease Prediction	Manisha Joshi Salwaparkar	Prakalp
21	Online Teaching Portal	Kartik Sujith Akshay Malashetti Yogesh Sanas	Prakalp



**Sample certificates of Achievement**





# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Project Grants

### Department of Computer Engineering

Sr.No.	Name of Project	Name of Mentor	Sanctioned Amount	Sponsoring Agency	Govt/ Non-Government
1	Climate, Air Pollution and Forest Fires : AI based models for Indian case study.	Dr. Nupur Giri	\$5,000	Microsoft AI For Earth Compute Grant	Non-Government
2	“AI based statistical analysis of pollution due to land and ocean plastic waste in India“	Dr. Sharmila Sengupta Priya R L	\$15,000	Microsoft AI For Earth Compute Grant	Non-Government
3	Forecasting of Carbon Emissions due to Meat Industry	Sunita Sahu Richa Sharma	\$15,000	Microsoft AI For Earth Compute Grant	Non-Government



**Vivekanand Education Society's**  
**Institute of Technology**  
(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

10/13/21, 1:50 PM

Welcome to Vivekanand Education Society Mail - Microsoft AI for Earth Grant Decision ID:00138000738



Ashwin Pansare <2019ashwin.pansare@ves.ac.in>

**Microsoft AI for Earth Grant Decision ID:00138000738**

AI for Earth Grant Support <ai4ehelp@microsoft.com>  
To: Ashwin Pansare <2019ashwin.pansare@ves.ac.in>

Wed, Oct 13, 2021 at 7:07 AM



Dear Ashwin Pansare,

Congratulations, and welcome to the AI for Earth community! We are excited to share that your application for the project titled "Climate, Air Pollution and Forest fires : AI based models for Indian case study," has been selected for an AI for Earth Microsoft Azure Compute Grant. Through this award, you will receive a sponsored Microsoft Azure account. We are granting you credits for Azure consumption up to \$5000 USD, to be utilized within one year.

By accepting this award, you agree to the following terms:

- You will use Microsoft Azure credits awarded through this program only towards the project described in the application form.
- Microsoft will add you and your team members to resources including the AI for Earth grantee community website, AI for Earth grantee Microsoft Teams group, and digital events.
- You will submit a mid-term report and a final report according to AI for Earth guidelines.
- Microsoft may contact you and use materials that you submit for public communications.

**Please accept this grant within one week of receiving this email** by clicking "Accept Your Grant" on your [grant portal](#) home page. We will respond when you accept with next steps to access the onboarding webinar, sponsored Azure credits, and education resources.

Warmly,

Bonnie Lei  
AI for Earth Grants Manager

**Sample copy of Research Grant**