Vivekanand Education Society's
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Criteria 2.2 :Catering to Student Diversity

2.2.1 Proof for categorization and activities for Advanced learners and Slow Learners

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Declaration for Additional Documents:

Vivekanand Education Society's
Institute of Technology

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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

2.2.1: A. Proofs for Categorization of students

1. First year student diversity analysis AY 2021-22:

Sr. No.	Candidate Name	HSC Total Percentage	CET Percentile	JEE Percentile	HSC %+ Best of CET and JEE Percentile/200	Course Name	Advanced/Slow Learner
369	KHAN SHEEZA NAUSHAD ALI	64.31	72.5725827	55.2267446	136.88	Electronics and Telecommunication Engg	Advanced Learner
370	DANGI SIDDHARTH JAGDISH	90.83	37.3800409	44.8784214	135.71	Electronics and Telecommunication Engg	Advanced Learner
371	JHANVI BHAT	85.50		49.522898	135.02	Electronics and Telecommunication Engg	Advanced Learner
372	NEHARKAR AKASH	78.00	47.7789098		125.78	Electronics and Telecommunication Engg	Advanced Learner
373	MORE PRATHAMESH RAJENDRA	75.83		48.3090398	124.14	Electronics and Telecommunication Engg	Advanced Learner
374	VRUSHABH BAL KARAVDE	67.33	12.7600336	32.874576	100.20	Electronics and Telecommunication Engg	Advanced Learner
375	PARIYA KAPIL GITARAM	62.31	17.656648		79.97	Electronics and Telecommunication Engg	Slow Learner
376	PINGLE SUKANYA MANOJ	91.50	95.7921549	92.1826573	187.29	Electronics Engineering	Advanced Learner
377	ATHARVA GODKAR	92.80	94.080489	82.2037085	186.88	Electronics Engineering	Advanced Learner
378	KURADE YASH SHIVAJI	92.33	92.7873503	76.5395368	185.12	Electronics Engineering	Advanced Learner
379	RANE GAURANG PRAMOD	96.50	87.5485988	71.779685	184.05	Electronics Engineering	Advanced Learner

Sample-First year student diversity analysis

Number of Advanced learners and slow learners (AY 2021-22)

Total no of students	Advanced learners	Slow learners
529	528	1

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2. Differently abled students (Divyangjan) on roll (2021-22)

SR NO	Name of the student enrolled under Differently abled Category	Gender	Unique Disability ID (UDID) Card Number	Type of Disability	Percentage of Disability	Program enrolled	Year of Enrolment
1	ANURAG SINGH	MALE	LD/40/16	Dyslexia and Dysgraphia	>40%	CMPN-I	2017
2	ADITYA GHADGE	MALE	615/2015	Dyslexia , Dysgraphia and Dyscalculia	>40%	ETRX	2020
3	JAWRANI MANAV	MALE	MH2130620030017289	Locomotor Disability	46%	INFT	2020

Sample- Disability certificate

UNIQUE DISABILITY ID
Government of India

नाम / Name
मानव विजेश जावरणी
Manav Vijesh Jawrani
UD ID
MH21306200300017289
Disability Type
Locomotor Disability
Year of Birth
2003
Percentage of Disability
46% (Forty Six Percent)
Date of Issue
02/01/2019
Valid upto
Permanent

Issuing Authority Sign
011/ Y/ 0044041

UNIQUE DISABILITY ID
Government of India

State ID: NA

Aadhaar No: ********1366

Address of Card issuing Authority
Central Hospital Ulhas Nagar 03 - 421030

011/ Y/ 0044041

Sample- Unique Disability ID

B. Activities for Advanced learners (Under Graduate students):

1. 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) organises the Smart India Hackathon every year.

<div align="center">

AY 2021-22

Department of Computer Engineering

</div>

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 Bhere/D17B	Artificial Intelligence Based mobile application for the workers and website based admin tool for management.	Finalist
2	ByteCoders	Aashish Nair/D12C Mihir Pamnani/D12C Mrunmayee Waingankar/D12C Akash Sonare/D12C Sneha Karthik/D12C Jay Deshmukh/D12C	Speech Emotion Recognition (SER) on live calls while creating events	Finalist
3	Tensors	Tejas Mahajan/D12A Rushabh RIjhwani/D12C 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	Optimum proximal fuel station indicator	Finalist

		Orijeet Mukherjee/D12A Kapish Madhwani/D12A		
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	BridgeTheGap	Yashraj Desai/D12B Shreyas Poojari/D12B Mihir Rane/D12B Aniket Dewnani/D12B Dhruvisha Mondhe/D12B Rutuja Patil/D12B	Making Career Choices and AI-based counseling accessible to every child at secondary level along with aptitude test and Detailed Career Paths	Finalist (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/D17BAashish 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	A straightforward framework for automatic proctoring to create online tests, effortlessly.	Shortlisted for round I

		Jayesh Dhanrajni/D17B		
13	The Six-Up	Radhika Katiyara/D12A , Drishti Katiyara/D12B , Laveena Kithani/D12A , Varsha Jawrani/D12B , Payal Kukreja/D12C	Digital Grammer Teacher	Shortlisted for round I
14	HEXA\CODE	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 Wadhwani/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/D12C Chouhan/D12CGadhave/D12C Nikita Jha/D12C Shaikh Insha/D12C	E-commerce for Artisans	Participant
19	BetaVerse	Kunal Kotkar/D17B Sanket Jangale/D17B Tanvi Shetty/D17B Rohit Jadhav/D17B Siddhesh Bhere/D17B	Ticketless Entry System to Monuments/Museums	Participant
20	Debug Entity	Sakshi Talreja/D12C Riya Ranglani/D12C Nimisha Khadilkar/D12C Anand Tekwani/D12C Amisha Swamy/D12C	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/D12C Mihir Pamnani/D12C Mrunmayee Waingankar/D12C Sneha Karthik/D12C Akash Sonare/D12C	Speech Emotion Recognition (SER) on live calls while creating events.	Participant

		Jay Deshmukh/D12C		
23	Team JARVIS	Shivani Shenai/D17B Vedant Sawant/D17B Gaurav Patil/D17B Saurav Telge/D17A Maitraiyi 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 Ayush Jain/D7B Siya Doshi/D7C Dhananjay Pai/D7B Yash Brid/D7B	AI based Chatbot to answer FAQs	Participant
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	28th and 29th March 2022
3	Payal Kukreja Payal Mangtani Sakshi Ailsinghani Kumodh Kukreja	TE	CiiA-3 Innovations Exhibition Votechain : A Decentralized Voting System	28th and 29th March 2022
4	Jahnavi Mulchandani Shruti Koku Aryan Gupta Ruchika Dusija	TE	CiiA-3 Innovations Exhibition Amigo: My virtual friend	28th and 29th March 2022
5	Sneha Karthik Srishti Shetty Gauri Mahajan Mrunmayee Waingankar	TE	CiiA-3 Innovations Exhibition Road Condition Detection	28th and 29th March 2022
6	Akhil Chakkungal Riya Shukla Samita Kanojia Palak Garg	TE	CiiA-3 Innovations Exhibition Identifying Foliar Diseases in Tomato Plants	28th and 29th March 2022

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AY 2021-22

Department of Information Technology

Deep Blue Hackathon

Deep Blue attended by Students

Sr. No	Name of Student	Class (FE/SE/TE/BE)	Name of Competition	Date
1	Prathmesh Kesarkar	D15	PROJECT DEEP BLUE SEASON 7	16 th April 2022.
2	Suraj Moolya	D15	PROJECT DEEP BLUE SEASON 7	16 th April 2022.
3	Kunal Khandelwal	D15	PROJECT DEEP BLUE SEASON 7	16 th April 2022.
4	Aaftab Shaikh	D15	PROJECT DEEP BLUE SEASON 7	16 th April 2022.
5	Aamir Ansari	D15A	DEEP BLUE HACKATHON	10th April, 2022
6	Ninad Rao	D15A	DEEP BLUE HACKATHON	10th April, 2022

2. **Awakening The Scientists (ATS) : (Exclusively for First year students)**

AY 2021-22

ATS Group presenting their topic

Sample Certificate

V E S Institute of Technology.

HAMC, Collector's colony, R C Marg, Chembur, Mumbai -74

'Awakening the Scientist'

First year 2021-22

Synopsis of the Gadget / Equipment

Sr. No	Name of Student	Class	Roll No	Mobile number	Email ID
1	Mohit Kailas Patil (GL)	D2B	40	75229 71523	2021.mohit.patil@ves.ac.in
2	Bhavik Liladhar Gondhali	D3	7	84689 77550	2021.bhavik.gondhali@ves.ac.in
3	Ojas Prashant Patange	D3	10	87667 31174	2021.ojas.patange@ves.ac.in
4	Vedant Vijay Patil	D4A	42	9270503309	2021.vedant.patil@ves.ac.in

Name of the Gadget / Equipment: **Earphones**

Principle of Operation:
Essentially earphones turn electrical energy into sound by using magnets to vibrate the air, which creates sound.

Scientific Laws Applicable:
**1) Ohm's acoustic law
2) Law of conservation of energy**

Engineering and Technological Aspects:
- **Electroacoustic transducers, which convert an electrical signal to a corresponding sound, are used in earphones which let the user listen to an audio source privately.**
- **Various components like Acoustic Drivers, Audio Jack [in case of wired earphones], Bluetooth Receivers and Batteries [in case of wireless earphones] and wires are assembled in a case to create a whole piece of one earphone. Those earphones are then made usable for normal public.**

Future Trends:
- **Improvement in the battery life of wireless earphones with improvement in batteries, for example: - Nano Diamond Batteries.**
- **By enveloping the entire ear and removing wires or supports one can get the bubble of surround-sound providing user an awesome experience in various purposes.**
- **By upcoming technology of Neuralink by Elon Musk one can stream music directly to your brain.**
- **Embedded earphones or micro earphones in the smart glasses and VR headsets is the near future.**

Domain: **Physics, BEE**

Sample Synopsis

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.

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 KETAN SHIVESHWARKAR	PULSE OXIMETER
8	Abhinaya Danda	Smart Watch
9	SNEHA RAVINDRA 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

Coordinators:

1] Mr.Mahesh Singh

2] Ms.Ramya T

3] Mr.Vijay Shejwalkar

3. 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: 13th Sep to 23rd 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

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

List of faculty associated with B&R industry proctored projects

Group no.	Name	Designation	Department	email	Phone no.
46	Prasad Godse	Assistant Professor	Instrumentation engineering	prasad.godse@ves.ac.in	9821317178
47	Nilima Warke	Associate Professor	Instrumentation engineering	nilima.warke@ves.ac.in	9967585793
48	Kader B T Shaikh	Assistant Professor	Instrumentation engineering	kader.shaikh@ves.ac.in	9833191909
49	Kanchan Chavan	Associate Professor	Instrumentation engineering	kanchan.chavan@ves.ac.in	9322828240
50	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:
1. Automation Studio, B&R Automation

2. Totally Integrated Automation (TIA) Portal, Siemens

Duration: 4th to 7th April 2022, 9 AM to 6 PM.

Number of students participants: 15

Number of faculty participants: 1

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	Prasad Godse	Instrumentation engineering
2	Kader B T Shaikh	Instrumentation engineering

4. Courses Certification

<p align="center">**AY 2021-22**</p>

NPTEL Certification

		AY 2021-22 (Even)	AY 2021-22 (Odd)
Total Enrollments		257	101
Certified		165	60
	Successfully Completed	38	08
Certificate Type	Elite	67	29
	Elite+Silver	72	21
	Elite+Gold	08	02
No certificate		72	41

Sample-NPTEL Certificate

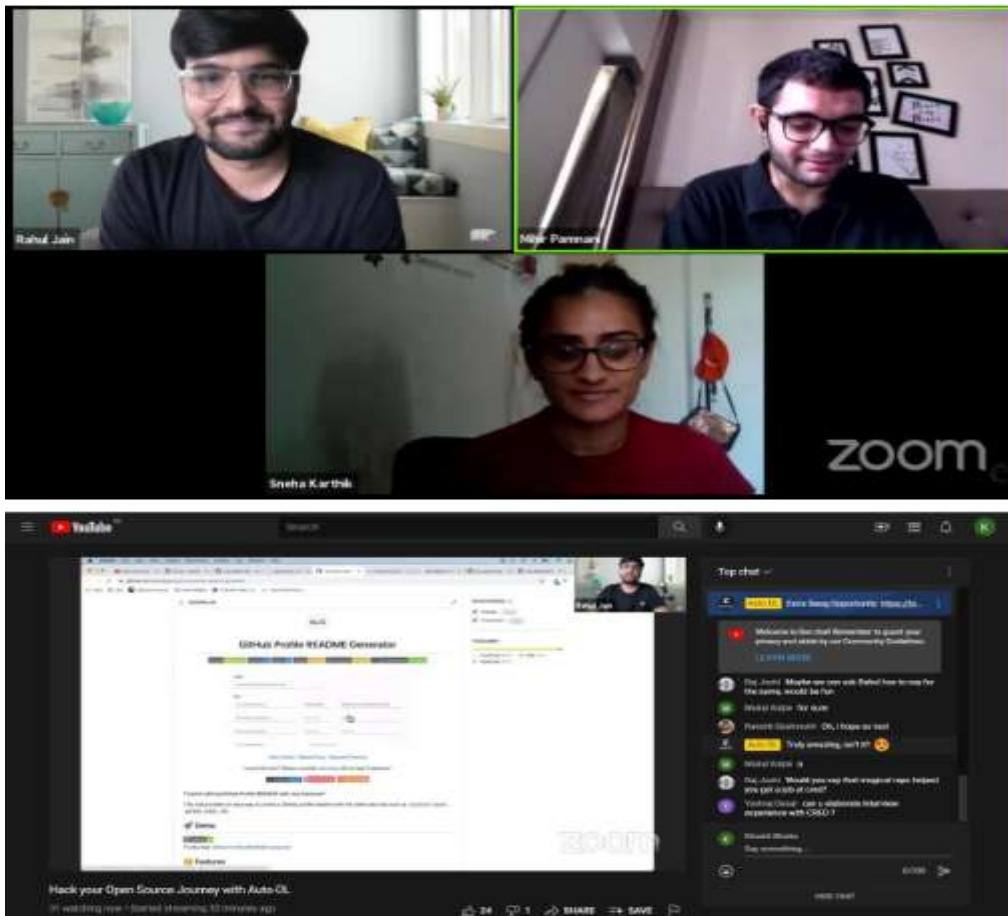

Sample certificate NPTEL course

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Department of Computer Engineering

Vivekanand Society's Institute of Technology
In Alliance with
Oracle Academy
Institution Level License No.: 20843256 (Year: 2019-2022)

ORACLE Academy

A W A R D *of* A C H I E V E M E N T
PRESENTED TO
Drishti Samvedi
of
Department of Computer Engineering
FOR SUCCESSFULLY COMPLETING THE ORACLE ACADEMY
Java Foundations (90 hrs)
FINAL EXAM with 96 % Marks
during the Academic Year 2021-22.

Dr. M. Vijayalakshmi
Vice-Principal

Dr. Nupur Giri
HOD

Dr. Gresha Bhatia/ Mrs. Ruchi Rautela
VESIT ORACLE Coordinator

Sample Certificate-Student attended Java Foundations under Oracle Academy

Other Certification:

Certification	2021-22
Oracle	30 enrolled for 2 courses

List of Students for Certification Courses: Oracle Certification

Sr No	Name as required in certificate	Course Name	% Obtained
1	Vidhi Chijwani	Java Fundamentals	82%
2	Rounak Talreja	Database DEsign	96%
3	Rounak Talreja	Java Programming	94%
4	Figo Cardozo	Java foundation	96%
5	Figo Cardozo	Database Foundation	82%
6	Drishti Samvedi	Java foundation	96%
7	Drishti Samvedi	Database foundation	88%
8	OM Madat	Database Foundation	86%
9	Nikhil Haswani	AIML in Java	86%

5. Tinkerer's lab activities:

AY 2021-22

Department of Computer Engineering

Sample Certificates

Sample-Announcement Poster

Sample-Photograph during a session

Any other remarks/suggestions?

14 responses

It was a fun session, didn't get bored at all!

nope, it was a fine session

The session was good, but I think it was a bit fast. Nevertheless, I understood the basics of git and Github and some commands like clone, init, merge etc. Overall, it was excellent.

Thank you for the session

Loved the way they explained 👋

Was great man

Gg

well organised

Really insightful session! Kudos to Vishesh, Vaidehi and the entire Codecell team for this session.

Sample-Feedback

Report (AY 2021-22)

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 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

6. Departmental Hackathons:

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Department of Information Technology

INVICTUS' 22

Sample certificates
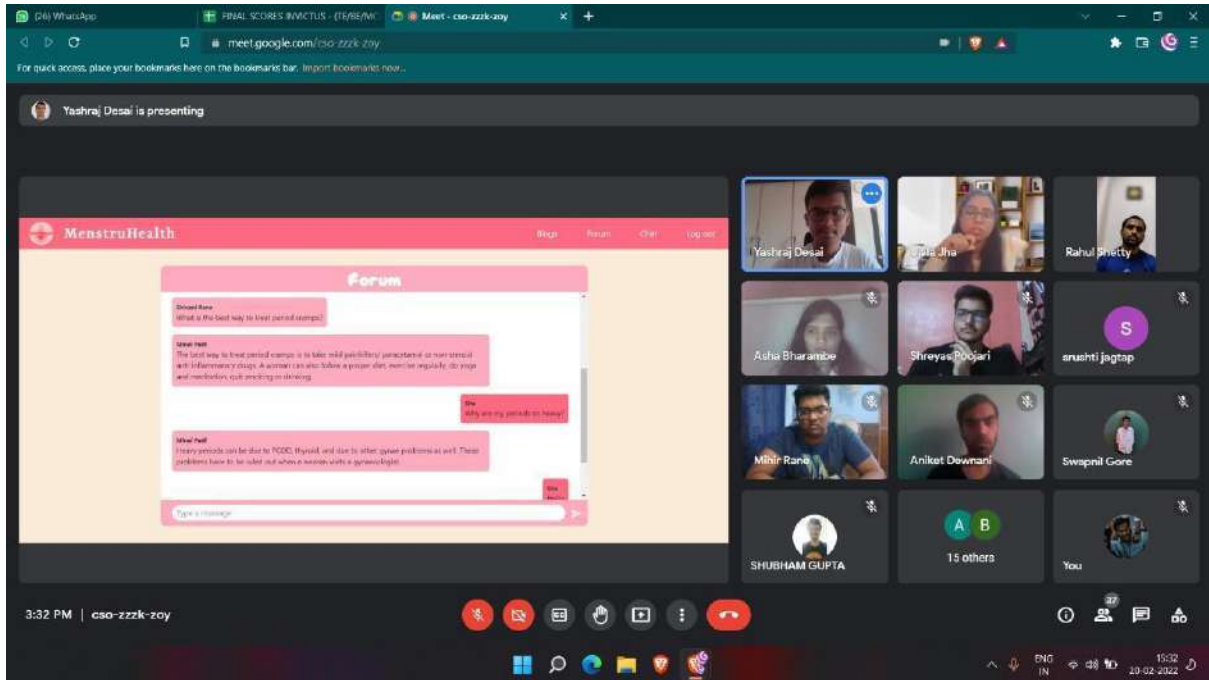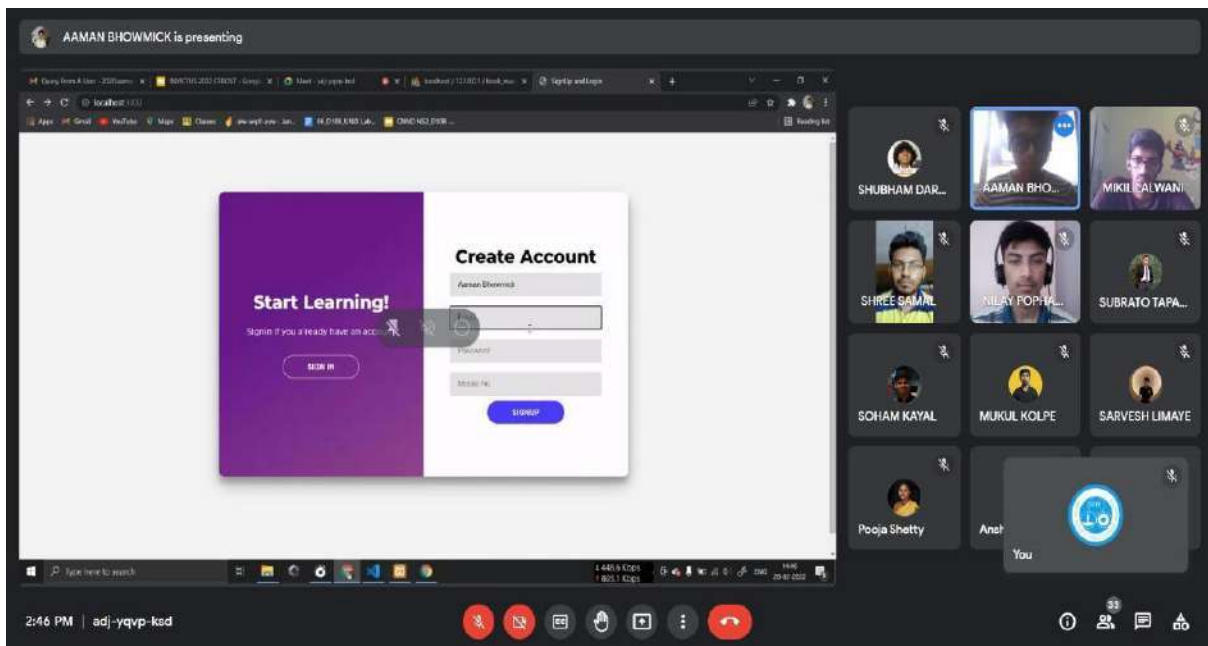
TE's demonstrating their solution

SE's demonstrating their solution

WINNERS of INVICTUS' 22

SE-

Winners:

INVICTUS-J03 - CFROST
Shree Samal D10B
Mikil Lalwani D10B
Nilay Pophalkar D10B
Aaman Bhowmick D10B

TE-

Winners :

INVICTUS-S07 - Not coders
Swapnil Gore D19B
Shubham Gupta D19B

SE-

Runner-up :

INVICTUS-J01 - Localhost
Mukul Kolpe D10A
Soham Kayal D10A
Sarvesh Limaye D10A
Devesh Rahatekar D10A

TE-

Runner-up :

INVICTUS-S14 - Ace
Anusha Shetty D15A
Bhavika Bulani D15A
Shilpa Tholar D15A

7. Virtual Lab

AY 2021-22

Department of Computer Engineering

Sr.No.	Name of Faculty	Subject Name	class	Experiments details
1	Pallavi Gangurde	DLCOA	D7C	To implement ripple carry adder using a simulator.
2	Pallavi Gangurde	DLCOA	D7C	To implement carry look ahead adder using simulator.
3	Pallavi Gangurde	DLCOA	D7C	To implement ALU design using a simulator.
4	Pallavi Gangurde	DLCOA	D7C	To design 4X4 RAM memory using a simulator.

Virtual Lab Conducted for DLCOA subject

Sample-Virtual Lab Portal

8. Workshops for students

AY 2021-22

Department of Electronics Engineering

Sample certificate-workshop attended by the student

Sample certificate-workshop attended by the student

Sr.No.	Name of Student	Class	Name of workshop	Duration
1	Freya Mota	D11	Communication Skills	26 Dec 2021-10 Jan 2022

2	Rajesh Rabindra Muni	D11	Application Of AI In Price Prediction - Live Hands-on	29 Th July 2021
3	Rajesh Rabindra Muni	D11	Enhancing Soft Skills & Personality (VESIT-NPTEL Value Added Course)	1st December,2020- 30th June 2021
4	Rajesh Rabindra Muni	D11	Python For Data Science	6th July, 2021-8th July, 2021
5	Avin Shejwal	D11	Training on VLSI design	9 March,2022 - 20 April,2022
6	Avin Shejwal	D11	TCS iON Career Edge - Young Professional	10 October,2021 - 18 January,2022
7	Avin Shejwal	D11	PCB Design	12 February,2022
8	Avin Shejwal	D11	IP Awareness/Training program	23 February,2022
9	Deeptanshu De	D11	PCB Design	12th February, 2022
10	Deeptanshu De	D11	IP Awareness/Training Program	23rd February, 2022
11	Aditya Ghadge	D11	The Path Toward Embedded System Engineering	9th August 2021
12	Shrijeet Desai	D11	PCB Design	February 12, 2022

13	Kartik Shanbhag	D16	Web Development Training	10 October 2021-26 January 2022
14	Ruchita Dolas	D6	Programming with APIs	29th January 2022-30th January 2022
15	Mayank Bhate	D6	V-Reach '22	13th August, 2022
16	Siddharth Dighe	D6	Data Analytics	17 August 2021-16 September 2021
17	Madhurima Tamhankar	D6	Analog Electronics	15th January 2022 -16th January 2022
18	Dhanshree Ajay Kumar Pandey	D6	IP Awareness/ Training Program under National Intellectual Property Awareness Mission	23-02-2022
19	Ashwin Diwadkar	D6	ISA-VESIT	15th January 2022-16th January
20	Naimatullah Mullah	D6	Python programming Workshop	1st March 2022 -30th March 2022
21	Prajwal Poojari	D6	java programming	February 12, 2022
22	Rohit Rajendra More	D16	Summer Internship IEEE RAIT 2020	15/6/2021 - 31/7/2021
23	Raj Talashilkar	D16	Introduction to Quantum Computing: Quantum Algorithms and Qiskit	27/8/2021 - 27/9/2021

24	Jaie Vengurlekar	D16	Data Science Workshop on Analysing PUBG Data	27/11/2021 - 28/11/2021
25	Gautami Manoj Patil	D16	PYTHON AND MACHINE LEARNING, WEB DEVELOPMENT, CYBER SECURITY	2/7/2021 - 9/7/2021
26	Jaie Vengurlekar	D16	AIML Workshop on Building AI-Enabled Face Mask Detector	4/12/2021 - 5/12/2021
27	Harsh Raut	D16	HTML, CSS, Javascript forWeb developers by Jhons hopkins University provided by coursera	22/4/2021 - 19/6/2021
28	Abhishek Bharat Tupe	D16	Online internship in python	1/6/2021 - 12/7/2021
29	Aman Singh	D16	Python for Computer Vision with OpenCV and Deep Learning	25/10/2021 - 29/10/2021
30	Aman Singh	D16	ROS Fundamentals	20/8/2021
31	Tushar Wanave	D16	Web development at Verzeo	1/6/2021 - 1/8/2021
32	Ajith Nair	D16	Internshala Student Partner 25 (student Ambassador)	20/10/2021- 20/11/2021
33	Jaie Vengurlekar	D16	Data Science Workshop on Analyzing PUBG data	27/11/2021 - 28/11/2021

34	Jaie Vengurlekar	D16	AI-ML Workshop on Building AI-Enabled Face Mask Detector	4/12/2021 - 5/12/2021
35	Freya Mota	D11	DIGITAL SKILLS: ARTIFICIAL INTELLIGENCE	23/12/2021 -3/1/2022
36	Freya Mota	D11	DIGITAL MARKETING	30/12/2021 - 6/1/2022
37	Freya Mota	D11	TCS iON Career Edge - Young Professional	26/12/2021 - 10/1/2022
38	Freya Mota	D11	Digital Marketing and its Influence on Brand Switching (Internship)	5/12/2021 -3/1/2022
39	Freya Mota	D11	My SQL Basics	1/1/2022 - 1/1/2022
40	sneha jadhav	D11	3D PRINTING	3/10/2021 -3/10/2021
41	Bivab Sahoo	D11	Online Educational Website	15/6/2021 -30/7/2021
42	Sushil kumar radheshyam kori	D11	Graph up with chart.js	19/9/2021 -19/9/2021
43	Saniya Shaikh	D11	Starting with Aptitude Preparation	4/12/2021 -8/1/2022
44	Ganesh Patel	D11	Python Complete Course For Beginners	1/8/2021 -1/8/2021

45	Harsh Jadhav	D11	The path towards Embedded System Engineer	9/8/2021 -9/8/2021
46	Harsh Jadhav	D11	Starting with aptitude preparation	4/12/2021 -8/12/2021
47	Isha Girathe	D11	VESIT tinkerer's lab 'IOT based weather monitoring system'	15/6/2021 -15/7/2021
48	Shrijeet Desai	D11	Bootcamp From Zero to Hero in Python	10/12/2021 -22/1/2022
49	Shrijeet Desai	D11	TCS ION Career Edge - Young Professional	29/9/2021 -13/10/2021
51	Prachi Sunil Bhalerao	D11	Intershala Training	21/6/2021 -21/7/2021
52	Piyush Tharewal	D11	IoT based Noise Pollution Monitoring System	15/6/2021 -15/7/2021
53	Mayur Ambhore	D11	English for oral communication	2/8/2021 -21/11/2021
54	Atharva Ahire	D11	SC-900:Microsoft security, compliance, and identity Fundamentals	16/12/2021 -16/12/2021
55	FREYA MOTA	D11	Iot based Air Pollution Monitoring System "	15/6/2021 - 15/7/2021

56	Tanmay Shinde	D11	Exposys Data Labs Internship(App Developer)	3/12/2021 - 1/1/2022
57	Tanmay Shinde	D11	UI/UX Designing	1/9/2021 - 30/9/2021
58	Tanmay Shinde	D11	Data Analytics with Python	1/10/2021 -31/10/2021
59	Rohan Sawant	D11	IOT based earthquake prediction	15/6/2021 -15/7/2021
60	Tanmay Shinde	D11	Python Programming	1/1/2022 -15/1/2022
61	Atharva Ahire	D11	The fundamentals of digital marketing	10/10/2021 -12/10/2021
62	Rohan Sawant	D11	Internship - Shavison Electronics Pvt. Ltd. Ambernath(E)	13/12/2021 -9/1/2022
63	Mahesh Bhagat	D11	IOT Master Class	28/10/2021 -13/12/2021
64	Mahesh Bhagat	D11	Master Class on Deep Learning	17/11/2021 -30/12/2021
65	Deeptanshu De	D11	TCS iON Career Edge - Young Professional	10/10/2021 -9/12/2021
66	Deeptanshu De	D11	2022 Complete Python Bootcamp From Zero to Hero in Python	7/12/2021 -28/1/2022

67	Gaurav dhande	D11	Gaurav dhande	29/11/2021 -29/1/2022
68	Piyush Tharewal	D11	Basis of machine learning	1/2/2021 -8/1/2022
69	Piyush Tharewal	D11	Supervised machine learning with logistic regression and naive bayes	16/1/2022 -23/1/2022
70	Piyush Tharewal	D11	Supervised Machine Learning with Tree Based models	23/1/2022 -26/1/2022
71	Piyush Tharewal	D11	Unsupervised Machine Learning with K-Means	27/2/2021 -28/2/2021
72	Piyush Tharewal	D11	Introduction to deep learning	7/2/2021 -14/2/2021
73	Shrijeet Desai	D11	Introduction to Web Devlopment	25/12/2021 -28/1/2022
74	AVIN SHEJWAL	D11	TCS iON Career Edge - Young Professional	10/10/2021 -18/1/2022
75	Vipul Vishe	D11	Python Programming	4/7/2021 -16/8/2021
76	Deeptanshu De	D11	Introduction to Web Development	17/12/2021 -29/1/2022
77	Manasi Nerurkar	D11	Machine Learning	8/5/2021 -22/7/2021
78	Manasi Nerurkar	D11	The Python Mega Course	9/4/2021 -13/6/2021

79	Anushka Prashant kamble	D11	Front End Development - HTML	30/1/2022 -31/1/2022
80	Kiran Ramgiri	D11	3D Printing	3/10/2021 -3/10/2021
81	Anushka Prashant Kamble	D11	Front End Development - CSS	29/1/2022 -1/2/2022
82	Alton Creado	D11	Java Programming	13/6/2021 -15/6/2021
83	Alton Creado	D11	Excel for Beginners	17/6/2021 -19/6/2021
84	Shraddha Ankush Mane	D11	Implant training , PCB design	9/12/2021 -7/1/2022
85	Rajesh Rabindra Muni	D11	Application of AI in Price Prediction - Live Hands-on	29/7/2021 -29/7/2021
86	Anushka Kamble	D11	VLSI DESIGN	31/1/2022 -5/4/2022
87	Bhakti Kambli	D11	Machine Learning	14/7/2021 -19/9/2021
88	Pratiksha Bhagwan Mhadgut	D11	SQL programming	25/2/2022 -27/2/2022
89	Madhurima Kaustubh Tamhankar	D6	IoT based weather monitoring	14/6/2021 - 8/7/2021
90	Ruchita Dolas	D6	Ruchita Dolas	29/1/2022 - 30/1/2022

| 91 | Mayank Bhate | D6 | Introduction to Finance, Accounting, Modeling, and Valuation | 13/8/2021 - 15/8/2021 |
| 92 | Gauraang Prabhudesai | D6 | IOT Based Weather Monitoring by Tinkerer's | 15/6/2021 - 15/7/2021 |

AY 2021-22
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		
37	Samtrai 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 Wadhwani		
49	Yogesh Khatri		
50	Aaditya Moykhede		
51	Abhishek M Patwardhan		
52	Anisha Dhameja		
53	Asmita Bhangare		
54	Bharat Uttamchandani		
55	Bhavesh 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		
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 Gadhave		
4	Prithvi Kumar		

5	Radhika Katiyara		
6	Riya Menon		42
7	Siddhesh Sharad Gadge		
8	Vaishnavi Prashant Shinde		
9	NIDHI ROHRA		
10	OMKAR MANGALPALLI		
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			43
23	Ankit Balwani			
24	Sakshi Santosh Patil			
25	Roshini Panjwani			
26	Mohit Shahdadpuri			
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			

9. 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

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	2020.nimisha.jain@ves.ac.in	Mrs. Priya R. L	Computer Engineering
2	AI in Agriculture	Prasad Jawale	2020.prasad.jawale@ves.ac.in	Mr. Ameya Parkar	Master of Computer Applications
3	AttendMe:Student Attendance System Using NFC	Riya Shukla	2019riya.shukla@ves.ac.in	Dr. Dhanamma Jagli	Master of Computer Applications
4	Caesar Cipher Cyber Security	Yashraj Mulwani	2020.yashraj.mulwani@ves.ac.in	Mrs. Amrita Jhaveri	Electronics Engineering
5	Campus Connect - The College Discussion App	Anuj Sanjay Patil	2019anuj.patil@ves.ac.in	Mrs. Jyoti Bagate	Electronics and Telecommunication
6	Contactless Hand & Accessories Disinfectant	Prajyot Kamble	2019.prajyot.kamble@ves.ac.in	Dr. Parmeshwar Birajdar	Electronics Engineering
7	Cricket prediction system	Avanish Srivastava	2020.avanish.srivastava@ves.ac.in	Dr Shiv Kumar Goel	Master of Computer Applications
8	Demand Supply Equalizer	Omkar Pawar	d2019omkar.pawar@ves.ac.in	Dr. Sharmila Sengupta	Computer engineering
9	Disaster Response using Twitter	Meet Patel	2019meet.patel@ves.ac.in	Mrs. Dipti Karani	Electronics Engineering
10	Forum for VES	Anurag Saraswat	2019anurag.saraswat@ves.ac.in	Mr. Prashant Kanade	Computer Engineering
11	GistGator (MoM)	Shubham Zope	2019shubham.zope@ves.ac.in	Mrs. Ruchi Rautela	Master of Computer Applications
12	HeaLief-Health Tracker	Yukta Talgana	2019sakshi.singh@ves.ac.in	Mrs. Richa Sharma	Computer Engineering

13	Hospital Management System	Gautam Wadhwani	2020.gautam.wadhwani@ves.ac.in	Mrs. Nusrat Ansari	Computer Engineering
14	KeyLogger	Om Madat	2020.om.madat@ves.ac.in	Mrs. Asha Bharambe	Information Technology
15	Kisan Mitra Bot	Yashraj Desai	2019yashraj.desai@ves.ac.in	Dr. Nandini Ammanagi	Electronics and Telecommunication
16	MeetUp VESITY	Dhaval Mahajan	2019dhaval.mahajan@ves.ac.in	Mr. Richard Joseph	Computer Engineering
17	Online Railway Ticket Booking System	Isha Desai	2020.isha.desai@ves.ac.in	Mrs. Mannat Doultani	Computer Engineering
18	Plant Recognition System	Saritha Ponnambalan Tharakan	2019saritha.tharakn@ves.ac.in	Mrs. Manisha Joshi	Electronics and Telecommunication
19	Quality Assurance using Blockchain	Bhavya Hingorani	2019bhavya.hingorani@ves.ac.in	Mrs. Kajal Jewani	Information Technology
20	Recycling Noise	Phalguneshwari Borikar	2019phalguneshwari.borikar@ves.ac.in	Mrs. Anushree Prabhu	Electronic Engineering
21	SHIKSHA - A Career Guide	Yash Kriplani	2019yash.kriplani@ves.ac.in	Dr.Saylee Gharge	Electronics and Telecommunication
22	Smart Pill Dispenser	Aishvarya Mahadeo Birambole	2019aishvarya.birambole@ves.ac.in	Mr. Shobhit Khandare	Electronics & Telecommunication
23	Touch Surface Projector	Sahil Ganesh Parab	2020.sahil.parab@ves.ac.in	Mr. Ajinkya Valanjoo	Artificial Intelligence and Data Science
24	Unicache	Vraj Mehta	2019.vraj.mehta@ves.ac.in	Mrs. Pallavi Gangurde	Computer Engineering
25	VED : Ayurvedic website	Bhargav Mungekar	2020.bhargav.mungekar@ves.ac.in	Mrs. Jayshree Hajgude	Information Technology
26	Water quality monitoring system for Fish Farming	Farheen khan	2019farheen.khan@ves.ac.in	Dr.Monali Chaudhari	Electronics and Telecommunication
27	The Vulcans_Home Automation	Shreya Raghunath Kate	2019shreya.kate@ves.ac.in	Mr. Abhishek Chaudhari	Electronics Engineering

First review presentation of the projects taken on 22nd Oct 2021.

Poster for Stage 1

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.

Poster for Stage 2

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	2020.nimisha.jain@ves.ac.in	Mrs. Priya R. L	Computer Engineering
2	AI in Agriculture	Prasad Jawale	2020.prasad.jawale@ves.ac.in	Mr. Ameya Parkar	Masters of Computer Applications
3	Demand Supply Equalizer	Omkar Pawar	d2019omkar.pawar@ves.ac.in	Dr. Sharmila Sengupta	Computer Engineering
4	Forum for VES	Anurag Saraswat	2019anurag.saraswat@ves.ac.in	Mr. Prashant Kanade	Computer Engineering
5	GistGator (MoM)	Shubham Zope	2019shubham.zope@ves.ac.in	Mrs. Ruchi Rautela	Masters of Computer

				Applications
6	Kisan Mitra Bot	Yashraj Desai	2019yashraj.desai@ves.ac.in	Dr. Nandini Ammanagi	Electronics and Telecommunication
7	MeetUp VESITY	Dhaval Mahajan	2019dhaval.mahajan@ves.ac.in	Mr. Richard Joseph	Computer Engineering
8	Online Railway Ticket Booking System	Isha Desai	2020.isha.desai@ves.ac.in	Mrs. Mannat Doultani	Computer Engineering
9	Plant Recognition System	Saritha Ponnambalan Tharakan	2019saritha.tharakn@ves.ac.in	Mrs. Manisha Joshi	Electronics and Telecommunication
10	SHIKSHA - A Career Guide	Yash Kriplani	2019yash.kriplani@ves.ac.in	Dr.Saylee Gharge	Electronics and Telecommunication
11	Smart Pill Dispenser	Aishvarya Mahadeo Birambole	2019aishvarya.birambole@ves.ac.in	Mr. Shobhit Khandare	Electronics and Telecommunication
12	Water quality monitoring system for Fish Farming	Farheen khan	2019farheen.khan@ves.ac.in	Dr.Monali Chaudhari	Electronics and Telecommunication

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.
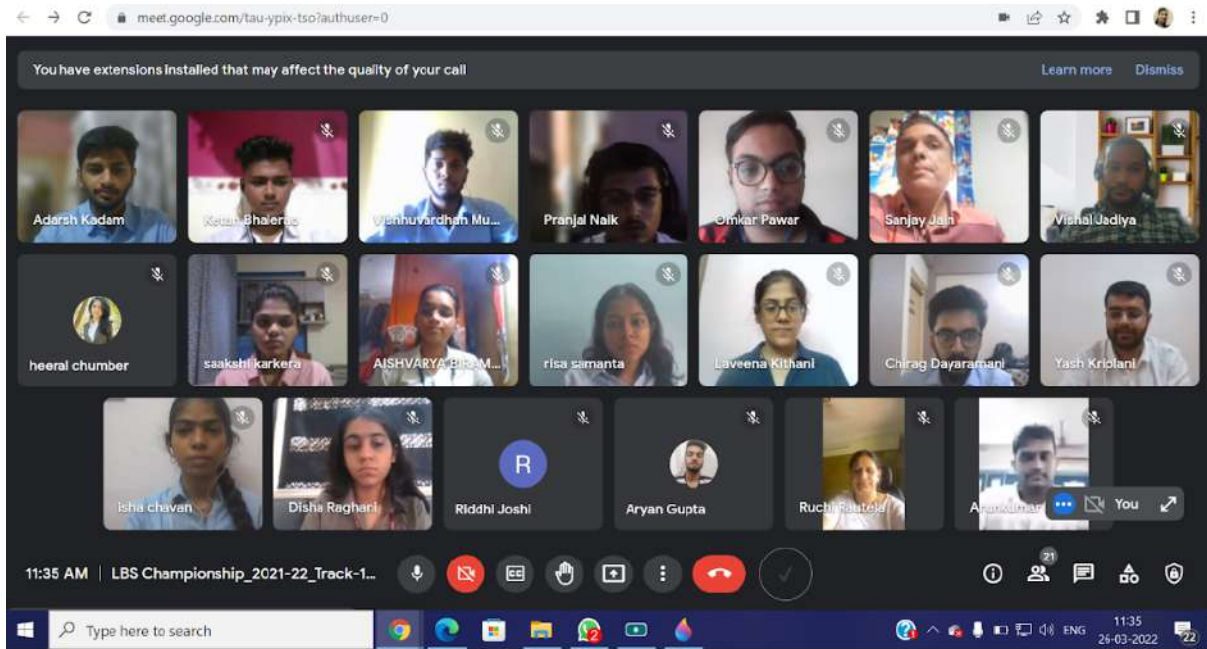
Final round project presentation

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)

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

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Runners Up team with trophy

LBS TEAM

Lbs In-Charge
Dr. (Mrs.) T. Rajani Mangala,
Professor, (ETRX)

LBS Coordinators

Mrs. Gauri Sahoo
Assistant Professor
ETRX

Mrs. Priya R. L
Assistant Professor
CMPN

Mrs. Kadambari Sharma
Assistant Professor
INST

Mrs. Anuradha Jadiya
Assistant Professor
EXTC

Mrs. Jayashree Hajgude
Assistant Professor
INFT

Mr. Ajinkya Valanjoo
Assistant Professor
AI & Data Science

Mrs Ruchi Rautela
Assistant Professor
MCA

10. Paper presentations

Paper Published by Students

AY 2021-22

Department of Electronics Engineering

Sr.No.	Name of Student	Class	Title of the paper	Name of Journal (ISSN/ISBN number)
1	Rishabh Sajin	D16	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	D16	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	D16	Covid-19 Prediction and analysis using Neural Network and Pearson Coefficient	ICAC'3 IEEE conference(10.1109/ICAC3 53642.2021.9697225)
4	Archita Malgaonkar	D16	Prediction Analysis of Natural Disaster Prediction System	April 2022 Page No 57-60

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Department of Computer Engineering

Sample Paper on IEEE with heading and names of authors

Paper presentations at Conferences

Sr. No	Name of Student	Class (FE/SE/TE/BE)	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
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 Dr. Sharmila Sengupta	TE	AgriCare: An android application for detection of paddy diseases	2022 3rd International Conference for Emerging Technology (INCET), 27-29 May 2022
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 Maitraiyi 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 Coference on Susitanble 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
18	Siddhesh Gadge Kedar Kharde Rohit Jadhav Siddhesh Bhere 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 Bhere 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 Maitraiyi 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
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
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

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

Paper Published by Students in Journals

EMOTION MAPPING BASED MUSIC RECOMMENDATION SYSTEM USING MACHINE LEARNING

[1]Ayush Raj Singh, [2]Aakash Chauhan, [3]Nikita Samtrai, [4]Tina Rajpal, [5]Sunita Suralkar

[1, 2, 3, 4] Student, [5] 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

Sr. No	Name of Student	Class (FE/ SE/ TE/ BE)	Title of the Paper	Name of Journal (ISSN /ISBN Number)
1	Sujitkumar Singh Tina Chandwani Rahul Tejwani Suraj Shahri	BE	Using AI and Blockchain in the Healthcare Systems	International Research Journal of Engineering and Technology (IRJET), ISSN : 2395-0056, Sep 2022

	Dr. Nupur Giri			
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 Tanish Sahijwani Rohini Temkar	BE	A Deep Learning Approach for Generating Markup Code from Sketch Images	International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN : 2321-9653, Apr 2022
8	Jatin Chhabria Krish Khemani Sahil Kochar Yash Wadhwani 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	BE	Bird Species Identification and	International Research Journal of

	Priyanka Ahuja Pooja Kamrani Parth Mangtani Pallavi Saindane		Prediction Analysis of Endangered Species	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
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	Nirmiti 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

11. 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. Each Subject Teacher must arrange at least two such sessions (i.e, Lectures, Workshops etc...) per Semester 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.

After each such session, the Subject Teacher fully documents the event and evaluates the Student Feedback.

AY 2021-22

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 Cimpress 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"

AY 2021-22

Department of Information Technology

Sample-Conduction of SEL

Vivekanand Education Society's
Institute of Technology

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

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
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

12. E-yantra/Project competition

E-Yantra Innovation Challenge (formerly known as EYantra Ideas Competition) is a competition to encourage innovative projects from robotics labs set up through the e-Yantra Lab Setup Initiative (eLSI) in colleges across the world.

India's biggest Project Based Learning robotics competitions- the E Yantra Robotics (EYRC) hosted by e-Yantra. Provides a platform to encourage innovative projects from robotics labs set up through the e-yantra Lab Setup Initiative(eLSI).

Also students are motivated to participate in different project competitions.

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Department of Information Technology

Sr. No	Name of Student	Class (FE/SE/TE/BE)	Name of Competition	Date
1	Manju Paryani	D20	e-Yantra Hackathon	May 2021

Department of Electronics Engineering

Project competition

Sr. No.	Name of Student	Class	Name of Competition	Date of Competition
1	Jayesh Mahajan	D16	Innovations 2022	9/4/2022
2	Jayesh Rajendra Mahajan	D16	XZIBIT 2022	12/4/2022
3	Paras Dhanaji Dhekale	D16	CIIA Inter Institution Students Innovation Exhibition & Competition	30/3/2022
4	Rajesh Rabindra Muni	D11	Script Winter Of Code 2022	1/12/2021

5	Rajesh Rabindra Muni	D11	"AI-Syberthon : Hackathon Uses AI for fraud detection at bank	3/9/2021
6	Freya Mota	D11	National Level Quiz on Python Programming	21/1/2022
7	Sushil kumar kori	D11	Dolat capital hackathon	18//62022
8	Ashwin Diwadkar	D6	ISA	15/1/2022
9	Moteepur Jamshed Shaikh	D6	17th Aavishkar	27/12/2022
10	Atharva Godkar	D1	Online poster making competition for world environment day	6/6/2022
11	Vansh Hitesh Dhoka	D1	World Environment Day Poster Competition	4/6/2022
12	Madhurima Kaustubh Tamhankar	D6	Elucimate 2.0	17/8/2021
13	Vipul Vishe	D11	The path towards Embedded System Engineer	9/8/2021
14	Bhakti Kambli	D11	CiiA Project exhibition	29/3/2022
15	Prajyot Dinkar Kamble	D11	CIIA	29/3/2022
16	Paras Dhekale	D16	CiiA	29/3/2022

13. Massive Open Online Courses (Coursera courses)

Coursera Certification

       Coursera.org offers massive open online courses (MOOC), specializations, degrees, professional and master track courses. In its 'Coronavirus Response Initiative' program Coursera offered a lot of free courses to students and faculty members from all the interested Universities and other academic Institutes.

Sample-Courses available

Sample-Coursera Certificate

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

Department of Computer Engineering

	AY 2021-22
Total Enrollments	21

Sr. No	Full Name	Enrollments for the Course	Enrollments	Completions
1	Sawra Rahul Prakash	Linear Regression and Modeling, Programming with Google Go	1	1
2	Wadhwani Alish Narayan	Introduction to Structured Query Language (SQL)	1	1
3	Chhabria Amit Dinesh	AWS Cloud Technical Essentials,AWS Fundamentals	1	1
4	Bhole Kalpesh Yashwant	Everyday Excel, Part 1,Preparing for Google Cloud Certification: Cloud Architect	1	1
5	Tolani Namrata Deepak	Structuring Machine Learning Projects	1	1
6	Kriplani Sejal Prakash	Introduction to Software Product Management	1	1
7	Lalwani Saurabh Kailash	Front-End Web UI Frameworks and Tools: Bootstrap 4,Full-Stack Web Development with React,Object Oriented Java Programming: Data Structures and Beyond	1	1
8	Bote Aniket Devdas	Analyze Datasets and Train ML Models using AutoML,Practical Data Science	1	1
9	Sagar Sidhwa	Foundations: Data, Data, Everywhere,Google Data Analytics	1	1
10	Masand Nikhil Rajesh	Foundations: Data, Data, Everywhere	1	1
11	Shreyas Udupa	Foundations: Data, Data, Everywhere,Google Data Analytics,Deep Learning	1	1
12	Amin Ishma Laxmikanth	Introduction to Public Speaking,Dynamic Public Speaking	1	1
13	Thakur Tejas Anil	Creating Multi Task Models With Keras,Building Modern Node.js Applications on AWS	2	1
14	Ekade Hritwik Sushil	Develop Clustering Models with Azure	1	1

		ML Designer		
15	Dhopavkar Tejas Atul	Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning,DeepLearning.AI TensorFlow Developer	1	1
16	Varad Kshemkalyani	Crash Course on Python,Google IT Automation with Python	1	1
17	Nachnani Dimple Naresh	AI for Medical Diagnosis,AI for Medicine	1	1
18	Chhabria Jatin Jaykumar	AI for Medical Diagnosis,AI for Medicine	1	1
19	Singh Ayush Raj	Sequence Models	1	1
20	Telge Saurav Sunil	Introduction to Deep Learning,Advanced Machine Learning	1	1
21	Sarguroh Naveed Mohammed Saleem	Excel Skills for Business: Essentials,Excel Skills for Business	1	1

14. Technology Day

AY 2021-22

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	D12C	Detection of Covid-19 using Chest X-Rays	Image Processing	Mrs. Nusrat Ansari	1st Prize
	Srushti Biwalkar	D12C				
	Nimisha Khadilkar	D12C				
	Amisha Swamy	D12C				
2	Siddhesh Gadge	D17B	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 Bhere	D17B				
	Rohit Jadhav	D17B				
	Kedar Kharde	D17B				
3	Prem Chhabria	D17B	Secured Data Communication	Networking and Security	Dr. Sharmila Sengupta + Mrs. Sunita Suralkar	2nd Prize
	Jay Jhaveri	D17B				
	Abhay Gupta	D17B				
	Neeraj Ochani	D17B				
4	Parthesh Pawar	D17B	Unremitting Surveillance: A Patient Monitoring System	IoT and Robotics	Mr. Richard Joseph	2nd Prize
	Sanket Jangale	D17B				
	Kunal Kotkar	D17B				
	Aashish Nagpal	D17B				
5	Akhil Chakkungal	D12B	Identifying Foliar Diseases in Tomato Plants	Data analytics and Machine Learning	Mrs Lifna.C.S	3rd Prize
	Riya Shukla	D12B				
	Samita Kanojia	D12B				
	Palak Garg	D12B				
6	Sahil Lotya	D17B	Detection of ADR from vaccine safety data	Industry	Sujata Khedkar	3rd Prize
	Nikhil gangaramani	D17c				
	Akansha Ahuja	D17A				
	Shivani Kulkarni	D17C				
7	Roshni jaisinghani	D7A	Android - Memory Game Development for Kindergarten	Product design and Development	Mrs. Pallavi Saindane/ Mrs. Ashwini Gaikwad	Finalist
	Sahil Dodeja	D7A				
	Vanshika Makhijani	D7A				
	Divya Makhija	D7A				

8	Payal Kukreja	D12C	Votechain : A Decentralized Voting System	Networking and Security	Mrs. Veena Trivedi	Finalist
	Payal Mangtani	D12B				
	Sakshi Ailsinghani	D12A				
	Kumodh Kukreja	D12B				
9	Jahnavi Mulchandani	D12A	Amigo: My virtual friend	Data analytics and Machine Learning	Mrs.Mannat Doultani	Finalist
	Shruti Koku	D12A				
	Aryan Gupta	D12A				
	Ruchika Dusija	D12A				
10	Sneha Karthik	D12C	Road Condition Detection	Image Processing	Mrs. Vidya Zope	Finalist
	Srishti Shetty	D12C				
	Gauri Mahajan	D12C				
	Mrunmayee Waingankar	D12C				
11	Manasvi Patwa	D12C	Towards attaining SDG with AI: assessment of riverine plastics	AI, Deep Learning and DWH Mining	Mrs.Sharmila Sengupta	Finalist
	Bhavika Chattani	D12C				
	Sahil Deshmukh	D12A				
	Varnit Batheja	D12A				
12	J N Guru Akaash	D12A	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	D12A				
	Manigandan Kasimani	D12A				
	Varun Tripathy	D12A				
13	Parth Paresh Wadke	D12A	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	D12A				
	Divesh Vijay Watwani	D12A				
	Prithviraj Chavan	D12B				
14	Aashish Ramesh Raheja	D12B	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	D12B				
	Ashwin Pansare	D12B				
15	Amit Dinesh Chhabria	D17C	Cloud Computing & HPC	Automated visual inspection of silicon detectors in CMS experiment	Dr. Nupur Giri	Finalist
	Rashmi Manwani	D17A				
	Priyanka Asrani	D17C				
16	Swarangi Dali	D17C			Mr. Richard Joseph	Finalist
	Vaishnavi Ainapure	D17A				
	Ajay Singh Khalsa	D17C				
17	Aabha Ranade	D17A	AI, Deep Learning and DWH Mining	OCR Based Systems	Mrs. Priya R. L + Mrs. Lifna C.S	Finalist
	Dhwani Serai	D17B				
	Dhiren Soneji	D17A				

	Abhinav Sharma	D17A				
18	Salonee Velonde	D17B	Data analytics and Machine Learning	Touchless Attendance System	Dr. Gresha Bhatia + Mrs. Abha Tewari	Finalist
	Dimple Nachnani	D17C				
	Mayur Manik Pawar	D17A				
	Sejal Kriplani	D17C				
19	Rahul Koli	D17B	Product design and Development	Business Meeting Summarization	Rupali Hande	Finalist
	Jayant Mukundam	D17C				
	Muskaan Sharma	D17A				
	Harshita Mishra	D17C				
20	Rounak Talreja	D12A	Industry (Product design and Development)	Paddy: To detect and prevent paddy crop disease	Mrs.Sharmila Sengupta	Finalist
	Prium Rohera	D12A				
	Varsha Jawrani	D12B				
	Bhajan Watwani	D12C				
21	Shreya Shah	D17C	Industry (Product design and Development)	AgriCare	Mrs.Sharmila Sengupta	Finalist
	Ian Sequeira	D17C				
	Etisha Mathurvaishya	D17C				
	Chinmay Waykole	D17C				
22	Dheeraj C. Yadav	D12C	Image Processsing	Sign Language Recognition System	Rupali Hande	Finalist
	Laksh Lalwani	D12C				
	Naman Tahilyani	D12C				
	Shubham Goswami	D12C				

15. Language Lab Activities for Advanced Learners (VESLit)

VESLit Circle, an extension of the language lab, started out some years back with the intention of enhancing literary creativity and to foster a love for language. Under the guidance of their staff incharges, the newly constituted council of 2018-19, with a lot of enthusiasm and energy, marched on with these agendas in mind. Lots of activities are conducted for advanced learners under this VESLit circle.
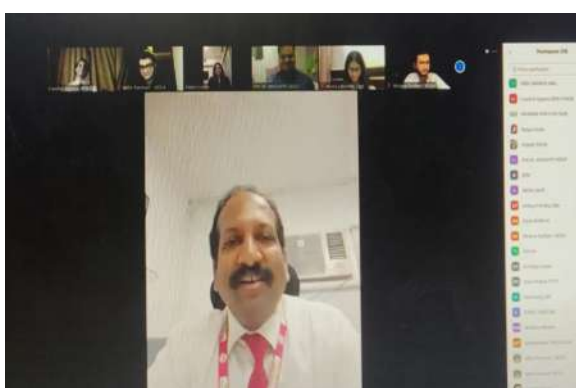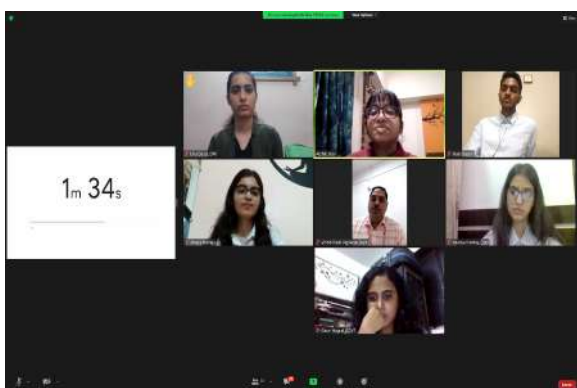
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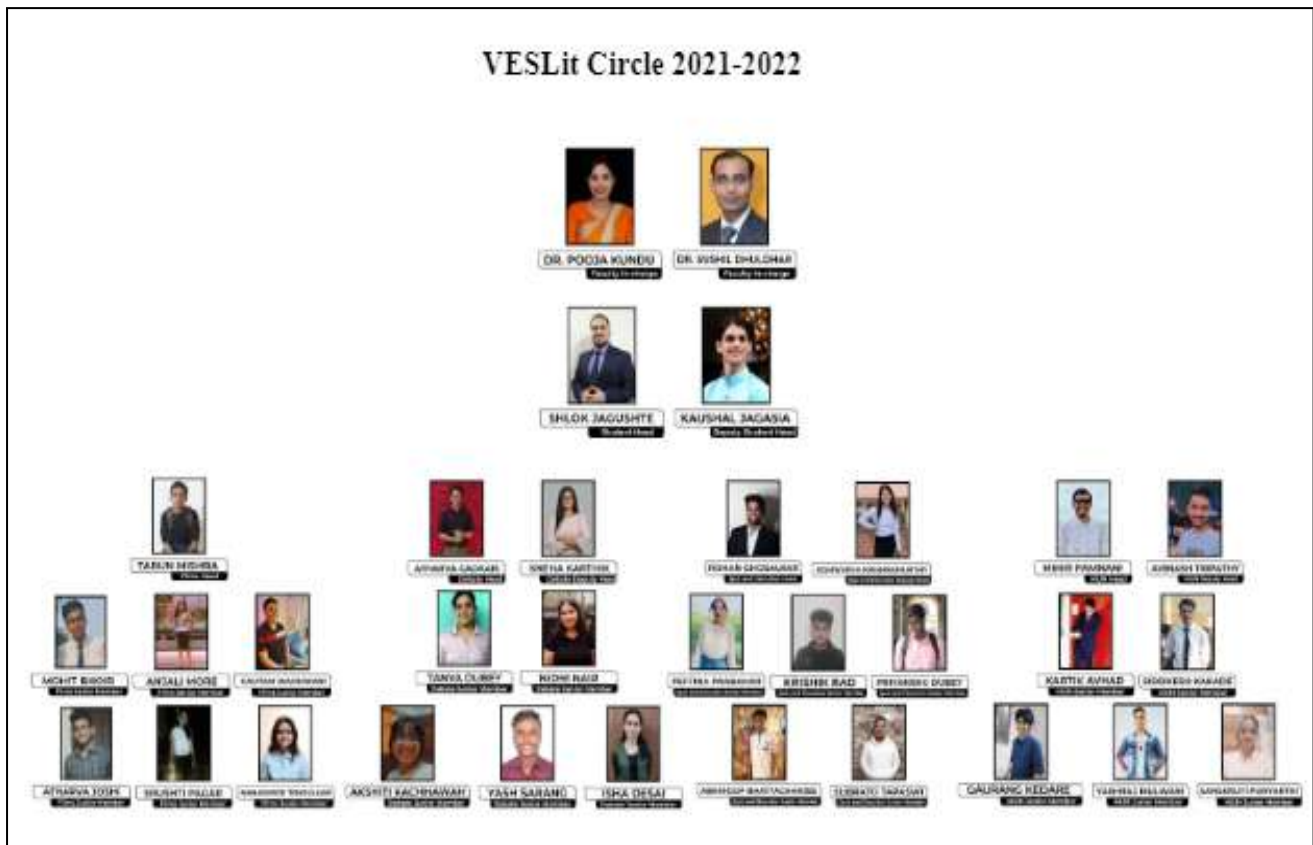
VESLit Circle 2021-2022

Sample-Poster

Glimpse from VESLit Events

List of different activities conducted under VESLit :

Name of the scheme	Date of implementation	Number of students enrolled	Name of the Agency /Consultants with contact details
Language Lab	21-22	238	Dr. Geeta Ajit, Dr.Pooja Kundu,Dr. Sushil Dhuldhar
21-22			
PnPA	15-02-2021	30	Dr.Geeta Ajit
21-22			
VESLit			

Documentary Film-making	6-10-22	6	Dr.Pooja Kundu,Dr. Sushil Dhuldhar
Essay Writing and Poster Making	6-10-22	12	Dr.Pooja Kundu,Dr. Sushil Dhuldhar
Blow the Whistle	5-10-2021	15	Dr.Pooja Kundu,Dr. Sushil Dhuldhar
Yuva Samiti	1-10-2021	30	Dr.Pooja Kundu,Dr. Sushil Dhuldhar
Debate	3-4-2021	40	Dr.Pooja Kundu,Dr. Sushil Dhuldhar
Cut The Music	2-4-2021	5	Dr.Pooja Kundu,Dr. Sushil Dhuldhar
Policy Pandemonium	2-4-2021	21	Dr.Pooja Kundu,Dr. Sushil Dhuldhar
The Mystery Of Tracy Johnson	1-4-21	23	Dr.Pooja Kundu,Dr. Sushil Dhuldhar
Spell Bee	31-3-2023	22	Dr.Pooja Kundu,Dr. Sushil Dhuldhar
Kaun Banega Crorepati	30-3-2023	23	Dr.Pooja Kundu,Dr. Sushil Dhuldhar
National Science Day Debate	27-02-2023	22	Dr.Pooja Kundu,Dr. Sushil Dhuldhar
		487	

16. QuestIT

AY 2021-22

Department of Information Technology

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.

Sample-Poster

Sample-Certificate

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.

To provide the students a platform for different competitions and challenges.

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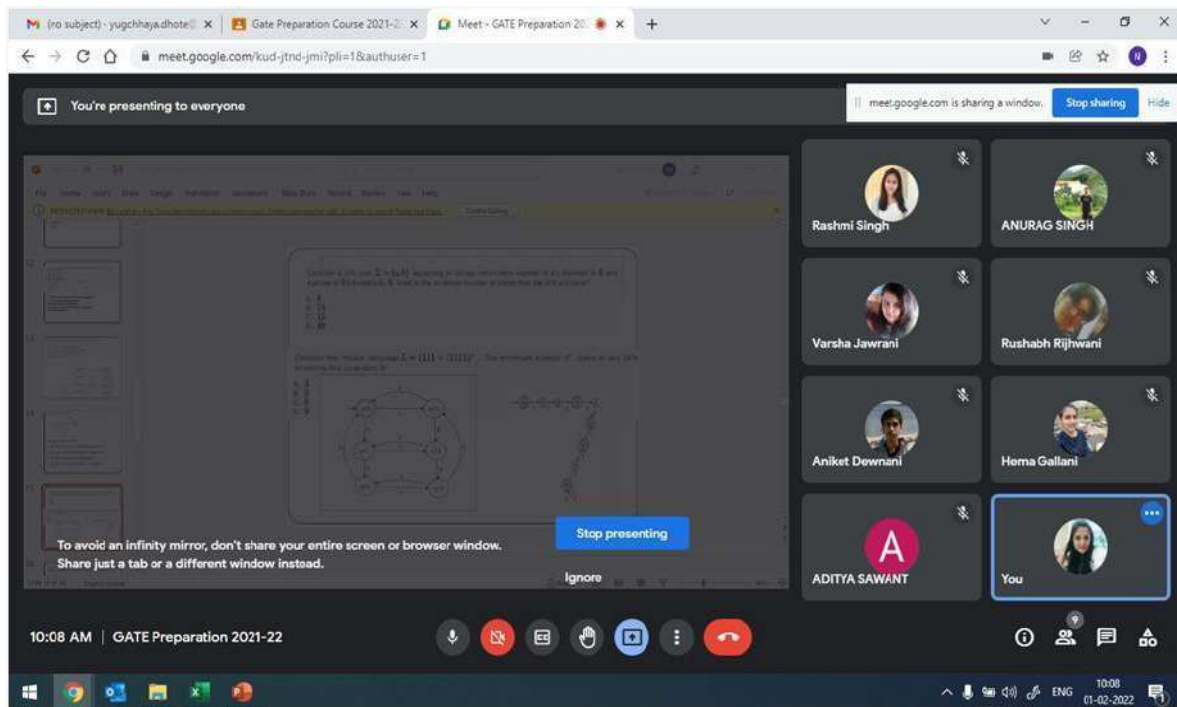# Institute of Technology
(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

17. Gate Preparation Course

AY 2021-22

Department of Computer Engineering

Department of Computer Engineering - VESIT, under the guidance of VESIT - IQAC and in association with Advanced Training Cell conducted the GATE preparation course 21-22 to guide the students to appear in the GATE -2022 examination.

Participants Attending GATE Preparation Course

Speakers

- Mr. Richard Joseph(Assistant Professor)
- Mrs. Yugchaya Dhote(Assistant Professor)
- Mrs. Veena Trivedi(Assistant Professor)
- Mrs. Prerna Solanke(Assistant Professor)
- Mr. Satish Ranbhise(Assistant Professor)
- Mrs. Manisha Mathur(Assistant Professor)

Faculty Coordinator

   Mr. Richard Joseph(Assistant Professor)

Event Start Date: 1st February, 2022

Event End Date: 4th February, 2022

Venue: Google Meet Platform

Time : 9:00 AM to 10:30 AM & 4:00 pm to 5:00 pm

Event Poster:

The list of Registered Students

S.No	Name	Class
1	Aniket Chandrapal Dewnani	D12B
2	Rashmi Singh	D12B
3	Varsha Jawrani	D12B
4	Kaustubh Keny	D12B
5	Kartikey Verma	D12B
6	Riya Shukla	D12B
7	Sakshi Talreja	D12C
8	Niyanti Padave	D12C
9	Aditya Atmaram Sawant	D17A
10	Ruchika Dusija	D12A
11	Shrushti Govindwar	D12C
12	Ruturaj Wairkar	D12B
13	Hitesh	D12C
14	Anurag SIngh	D17B
15	Samita Mahesh Kanojia	D12B
16	Omkar Mane	D17A
17	Priyal Agarwal	D12B
18	Rushabh rijhwani	D12C
19	Praneel Rastogi	D17C
20	Tanya Bajaj	D12C
21	Rakshit Deshmukh	D12A
22	Chandni Megnani	D12C
23	Hema Gallani	D12C 18
24	Neeharika Nagori	D12A

C. Proofs for Advanced Learners (Master of Computer Applications)

1. Courses/Certification by students:

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AY 2021-22

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NPTEL Certification

Division A	
Name of the course (NPTEL)	**No. of students completed the course**
Programming, Data Structures and Algorithms using Python	05
Cloud Computing	02
Big Data Computing	02
Data Science for Engineers	03
The Joy of Computing using Python	13
Deep Learning	03
Design and Analysis of Algorithms	02
Data Mining	01
Software Testing	10
Object Oriented development using UML java and Pattern	01
Total	**42**

Division B	
Name of the course (NPTEL)	**No. of students completed the course**
The Joy of Computing using Python	17
Data Analytics with Python	01
Cloud Computing	01
Software Testing	16
Ethical Hacking	01
Computer Networks and Internet Protocol	02
Python for Data Science	02
Database management System	01
System and usable security	01
Total	**42**

2. Workshop for Students:

AY 2021-22

Sr. no	Name	Class (FY)	Achievement Category	Title Of Course/Workshop Attended	Number of Days	Date	Organization Details
01	Daksha Gaud	Division A	Workshop	Machine Learning with Python	2 hours	6-07-2021	Perfectt plan-B E-learning Pvt. Ltd
02	Vatsalya Solanki	Division A	Course	TCS iON Career Edge - Young Professional	15	1-10-2021	Tata Consultancy Services
03	Sahil Farukh Khan	Division B	Workshop	Cloud Computing Workshop	2	5-03-2022	ISTE-VESIT

3. Looking Beyond Syllabus (LBS)

AY 2021-22

S.No.	Title of the project	Team Leader	Email ID of Team Leader	Mentor Allocated	Department of the Mentor
1	AI in Agriculture	Prasad Jawale	2020.prasad.jawale@ves.ac.in	Mr. Ameya Parkar	Master of Computer Applications
2	AttendMe:Student Attendance System Using NFC	Riya Shukla	2019riya.shukla@ves.ac.in	Dr. Dhanamma Jagli	Master of Computer Applications
3	Cricket prediction system	Avanish Srivastava	2020.avanish.srivastava@ves.ac.in	Dr Shiv Kumar Goel	Master of Computer Applications
4	GistGator (MoM)	Shubham Zope	2019shubham.zope@ves.ac.in	Mrs. Ruchi Rautela	Master of Computer Applications

4. Paper Presentations:

AY 2021-22

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
	Arindam Ghosh	TYMCA	Neuralink: A Platform that integrates Brain-Machine Interfaces	IRJET 2395-0056
	Ninad Patil	TYMCA	Assessing Vulnerabilities in Bluetooth Low Energy (BLE) Wireless Network based IoT Systems	IRJET 2395-0056
	Jyoti Singh	TYMCA	The Ukraine-Russia Cyber Warfare	IJSREM 2582-3930
	Sarath Shankaranarayanan	TYMCA	Neuralink: A Platform that integrates Brain-Machine Interfaces	IRJET 2395-0056
	Rohit Gawade	TYMCA	Comparative Analysis of Firebase vs AWS	IRJET 2395-0056
	Vipul Chaudhari	TYMCA	Comparative Analysis of Firebase vs AWS	IRJET 2395-0056
	Vishal Naik	TYMCA	Voice Recognition in Health Care	IRJET 2395-0056
	Jebaselvan Nadar	TYMCA	the Ukraine-Russia Cyber Warfare	IJARESM 2582-3930

D. Proof for Activities for slow learners (Under graduate students)

1. Mentoring Session:

AY 2021-22

Department of Electronics Engineering

Mentoring meeting record sheet

Date: 05/10/2021

Name of Mentor: - Mr.Yogesh Pandit

Agenda of the Meeting: -

(1) To discuss the progress in academics for this ongoing odd semester.
(2) To guide the students about the placement activity.
(3) To discuss about project related updates.

Suggestions: -

(1) Students are advised to remain attentive during online teaching and also to contact to their concern subject teachers if they face any issues to understand any topic/concept.
(2) They are encouraged to start prepare for the placement related activities and also take guidance from their senior students.
(3) Related to the project work, students were encouraged to explore more on   application base projects and try to finish their work within stipulated time and also encouraged them to publish a paper in good journal.

During the online meet following students were present,

Name of students:-

Sr.No	Name of Student	Class
1	Patel Ganesh Samar Bahadur	D11
2	Phadnis Abhiram Manoj	D11
3	Punamiya Daksh Vipul	D11

4	Rai Saksham Ashwini	D11
5	Rana Aditya	D11
6	Rane Abhishek Milind	D11
7	Sahoo Bivab Bijay Kumar	D11
8	Salgaonkar Gaurav Gurudas	D11
9	Saritha Ponnambalan Tharakan	D11
10	Satam Tanvi Prakash	D11
11	Sawant Rohan Deepak	D11
12	Shanbhag Kartik Vijay	D11
13	Shanbhag Shubham Sachin	D11
14	Shejwal Avin Anil	D11
15	Shetty Om Umesha	D11
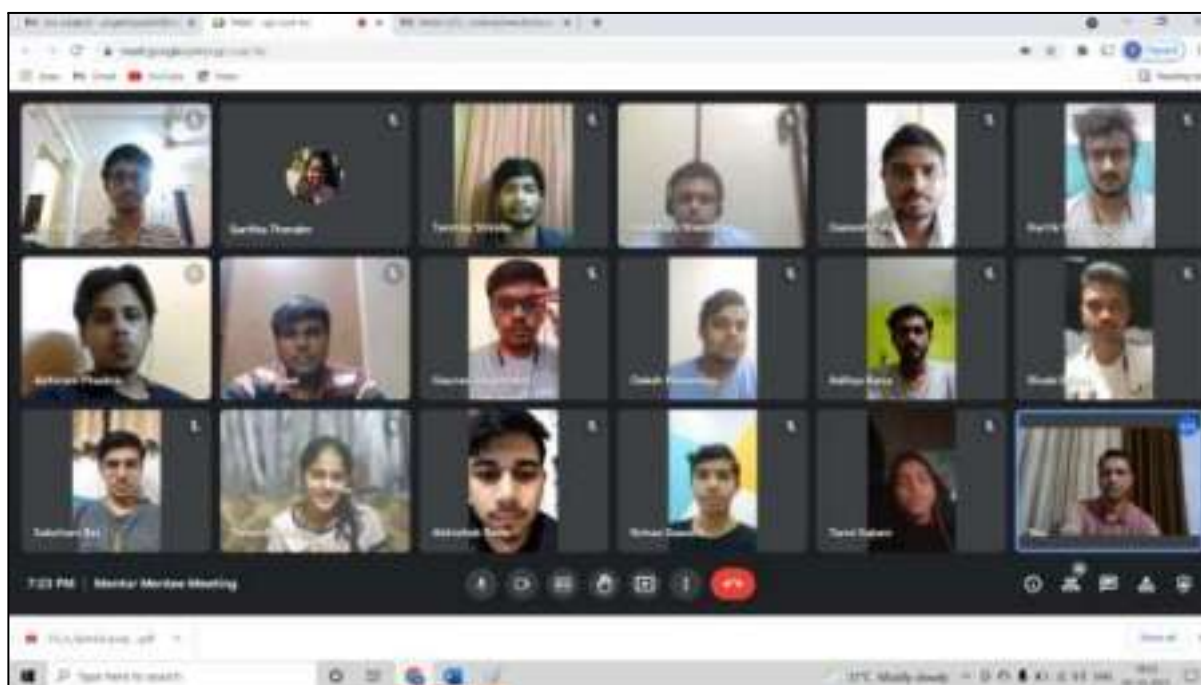
Sample-Mentoring Session

2. Remedial lectures

AY 2021-22

Department of Computer Engineering

Course	Subject	No. of Students	Name of the Faculty	Date	Time
BE	MCC	1	Mrs. Geocey Shejy	28/09/2021	12:00 PM
BE	BDA	2	Dr Sujata Khedkar	30/09/2021	12:00 PM

Exam CMPN <exam.cmpn@ves.ac.in>

REMEDIAL SCHEDULE for IA1 FAILURE
1 message

Exam CMPN <exam.cmpn@ves.ac.in>   Mon, Sep 27, 2021 at 8:16 PM
To: 2017.sumit.tripathi@ves.ac.in, 2018.soham.kamat@ves.ac.in
Cc: Sujata Khedkar <sujata.khedkar@ves.ac.in>, Geocey.Shejy@ves.ac.in, Nupur Giri <nupur.giri@ves.ac.in>, Gresha Bhatia <gresha.bhatia@ves.ac.in>

Dear Sumit and Soham,
This is to inform you that Remedial is scheduled for you, kindly find the attached schedule with gmeet link added.
Kindly join the meet link on time.
It is compulsory to attend the remedial lecture.

Regards,
Exam Team
Computer Department,
Vivekanand Education Society's Institute of Technology,
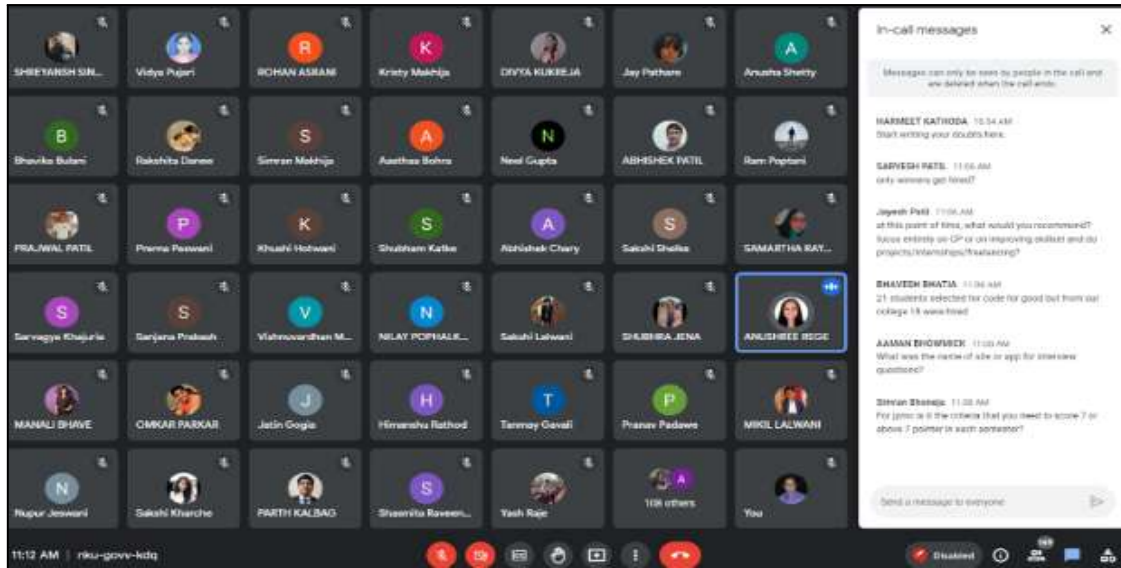Chembur- Mumbai

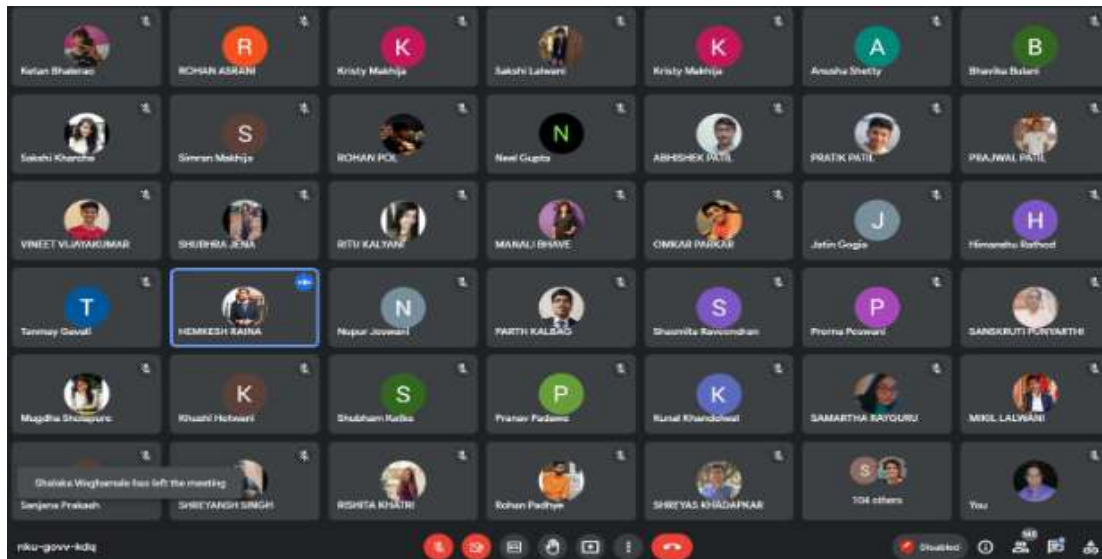**Sample-Schedule Intimation**

3. Finishing School

AY 2021-22

Department of Information Technology

Glimpse-Finishing School

Glimpse-Finishing School

#BridgetheGap-Finishing School	
B.P. 3.1	Peer to Peer Learning - Dream Students Interaction
B.P. 3.2	#ShareYourExperiences
B.P. 3.3	Aptitude and Technical Tests
B.P. 3.4	Quest-IT

4. Bridge course

AY 2021-22

Department of Computer Engineering

Direct Second Year Bridge Course Schedule

D7/ D6AD (DSE) (Odd Semester 2021-22)

Time	Monday	Tuesday	Wednesday	Thursday	Friday
08.00 - 09.00	DSGT	OOPM	DSGT	DS	AM
09.00-10.00	CG	AM	DS	AM	DSGT
10.00-11.00	AM TUT	DLCOA	OOPM	DLCOA	DS
11.00 - 12.30	Break				
12.30-1.30	DLCOA	CG	DLCOA LAB	CG	
1.30-2.30	DS LAB	CG LAB	Project	OOPM LAB	

Subjects	Teachers	Abbreviations	Theory Lectures 24	Labs 8
DLCOA	Indu Dokare, Pallavi Gangurde, Sanjay Mirchandani, Mr. Ajinkya Valanjoo	ID, PAG, SM, AV	6 lectures per faculty / 4 modules	Mr. Ajinkya Valanjoo
DS	Lifna C S, Richa Sharma, Sujata Khandaskar, Mr.Amit Singh	LF, RS, SKA, AS	6 lectures per faculty / 4 modules	Sujata Khandaskar
DSGT	Abha Tewari, Mannat D (Pooja N.), Sunita Suralkar	AT, PN, SSU	8 lectures per faculty / 4 modules	Mannat D (Pooja N.)
OOPM (2 tut)	Mannat D (Pooja N.), Vidya Zope, Rupali Hande, Dr.Anjali Yeole	PN, VZ, RH, AY	6 lectures per faculty / 4 modules	Dr.Anjali Yeole
CG	Ashvini Gaikwad, Abha Tewari, Richard Joseph, Pallavi Saindane	AG, AT, RJ, PS	6 lectures per faculty / 4 modules	Ashvini Gaikwad
AM	Ravi S., Dattaraya, Netto	RS, DT, NM	8 lectures per faculty / 4 modules	--

5. Project Group formation

AY 2021-22

Department of Information Technology

BE Project Group Formation

The group formation for BE Project (Semester 7 and Semester 8) is initiated at the end of Semester 6. The students are given a choice to form their project group and select project group members. Along with this choice, the students also submit their area of interest and their CGPA.

The groups are formed taking into consideration their choice and CGPA (such a manner that the average CGPA of all the groups are the same) by a panel of senior faculty members. The mentors are also allocated to the group depending on the area of interest provided by the students and area of interest and expertise of the faculty members.

The group formation is announced to the students and faculty members by the end of

Semester 6. The groups are asked to coordinate with the mentor to decide and collaborate about the projects.

SE/TE Mini-Project Group Formation

The group formation for SE/TE Project (Semester 3 to Semester 6) is initiated at the start of each semester. The students are given a choice to form their project group and select project group members. Along with this choice, the students also submit their topic/problem domain. The groups are formed taking into consideration their choice by a panel of senior faculty members.

The mentors are also allocated to the group depending on the domain provided by the students and expertise of the faculty members.

The group formation is announced to the students and faculty members by the third week of the start of each Semester. The groups are asked to coordinate with the mentor to decide and collaborate about the projects.

Project Groups (In Tabular Form)

Group No.	Roll No	Student Name	Title	Guide Allotted
1	28	Devdatta Khoche	Graph Based Post Recommendation System for Instagram	Dr. M.Vijayalakshmi
	38	Akash Maurya		
	64	Srajan Shetty		
	8	Hitesh Dhameja		
2			Automated Image Captioning	Mrs. Asha Bharambe

	59	Anmol Rohra		
	62	Megha Shahri		
3	71	Dev Tanwani	Fake feedback identification system for public toilets.	Dr. Shanta Sondur
	34	Vinay Ludhrani		
	27	Rohit Khatri		
4	20	Parth Kalbag	Vikalp : Automatic MCQ Generator	Mr. Amit Singh
	21	Ritu Kalyani		
	31	Divya Kukreja		
5	3	Bhavesh Bhatia	Music Recommendation Through Face Recognition and Emotion Detection	Dr.Manoj Sabnis
	52	Laveena Punjabi		
	60	Navin Rohra		
6	2	Rohan Asrani	Price Negotiation Chatbot System	Mrs. Vidya Pujari
	41	Paras Nandwani		
	67	Sahil Sidhani		
7	56	Rutuja Rajhans	Location Tracking and Smooth Path Providing System	Mrs. Smita Jangale
	65	Anuja Shetye		
	74	Ritik Wadhwani		
8	4	Sahil Chawla	Fake News Detection System	Mrs. Charusheela Nehate
	36	Nitin Mamtani		
	14	Rohan Jadhav		
9	5	Dhiraj Chhabria	Identification Of Plant Leaf Disease Using Image Processing	Mrs. Jayashree Hajgude
	30	Jayesh Kriplani		
	73	Anish Verliani		
10	15	Harsh Jain	Automatic Grading of Handwritten Papers	Mrs. Vinita Mishra
	40	Ravi Shankar		
	63	SherAli Shaikh		
11	49	Sapna Patwa	Real Time Crime Detection by Captioning Video Survelliance using Deep Learning	Ms. Sukanya Roychowdhury
	43	Nagesh Nayak		
	44	Shlesha Odhekar		
12	51	Pooja Prasad	Sign language Interpretation Using Machine Learning Algorithm	Mrs.Pooja Shetty
	33	Rohit Kundnani		
	53	Fayzaan Qureshi		
13	29	Aditya Kotkar	Cryptography with Steganography	Mrs. Smita Jangale
	25	Shreyas Khadapkar		

	13	Aniket Gupta		
14	17	Shubhra Jena	AI based Dynamic Model for Question Paper Generation and Performance Monitoring (AI-DQPPM)	Mrs. Charusheela Nehate
	54	Aaryan Raina		
	55	Hemkesh Raina		
15	7	Monika Dere	Fake Brand Detection	Mrs.Asma Parveen
	9	Dishant Lohana		
	37	Shikha Masurkar		
16	61	Karan Sadhwani	Smart Healthcare using Data Mining	Mr. Sandeep Utala
	42	Simran Nara		
	47	Manju Paryani		
17	45	Praful Pandita	Automatic Identification of Requirements	Mr. Amit Singh
	12	Dinesh Gulabani		
	70	Vishal Tulsani		
18	48	Soham Patkar	MEDBLOCK	Ms. Rohini Sawant/ Dr. Shalu Chopra
	72	Preet Thakker		
	75	Hemantkumar Yadav		
19	6	Anurag Dash	Drought Prediction and Severity Estimation using Remote Sensing and Neural Networks	Dr. Shalu Chopra
	58	Anushree Rege		
	18	Sakshi Jetley		
20	22	Harmeet Kathoda	AI based Performance Analysis and Navigation System (AI-PANS)	Dr. Shanta Sondur
	23	Mohit Kale		
	50	Rohan Pol		
21	32	Mohit Kundnani	Disease Prediction using Machine Learning	Mrs. Asha Bharambe
	1	Amar Ahuja		
	24	Sameer Keswani		
22	10	Pratik Dubey	E-Voting using Facial Recognition	Mrs. Vinita Mishra
	11	Vedant Giri		
	26	Praveenkumar Khatri		
23	35	Nidhi Lulla	Speech Emotion Recognition	Mrs. Vidya Pujari
	68	Gaurav Sitlani		
24	57	Geet Ramchandani	Modern farming	Mrs. Jayashree Hajgude
	46	Omkar Parkar		
	19	Vedant kadam		
	39	Dharkan Mohinani		

25	66	Rishika Shivnani	Image Generation using Sketch and attributes	Mrs.Pooja Shetty
	69	Kritik Taktewale		

6. Language lab sessions

Personality Development and Acing Communication Skills

Staff in-charge- Dr. Sushil Dhuldhar & Dr. Pooja Kundu

Duration: 8 Weeks

Objectives:
- To polish and inculcate effective communication skills, power dressing, good etiquettes and body language
- To learn soft skills as well as interpersonal skills
- To build self confidence and a positive attitude
- To speak confidently in front of any audience

Sample-Poster of PDAEC course

Course Conduction

Modules

Personality Development and Acing Communication Skills

Week 1	Building a Healthy Personality and Self Image	
Week 2	Combating Nervousness and Dynamic Public Speaking	
Week 3	Non Verbal Communication and Body Language	
Week 4	Master Interview Skills	
Week 5	Strategies to Ace Group Discussions	

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Week 6	Etiquettes /Netiquettes/ Ethics	
Week 7	Time Management/Building a Positive attitude/Soft Skills	
Week 8	Feedback/Closing/Test	

Evaluation Sheet .XLSX

T3 — CERTIFICATE

Name	Class	Pooja	Sushil	Total	Email Id	First Session 22/01/2022	Second Session 29/01/22	Third Session 5/02/2022	Fourth session 12/02/22	Fifth Session 19/02/22	Six Session 05/03/22
Varun Motiyani	D10A	2.5	2.5	5	2020.varun.motiyani@ves.ac.in	A	A	A	A	A	A
Suleman Shakil Mathekar	D10A	3	3	6	2020.suleman.mathekar@ves.ac.in	P	P	P	P	A	P
Amogh Pujari	D10A	3.5	2.5	6	2020.amogh.pujari@ves.ac.in	p	P	P	P	P	A
Atharva Shashikant Bhoite	D10A	3.5	3	6.5	2020.atharva.bhoite@ves.ac.in	P	A	P	P	A	P
Sarvesh Chandnani	D10A	3	3.5	6.5	2020.sarvesh.chandnani@ves.ac.in	P	P	P	A	A	A
Rahul Kulkarni	D14A	3	3	6	2019rahul.kulkarni@ves.ac.in	A	P	A	A	A	A
Simran P Bhoneja	D15A	2.5	3	5.5	2019simran.bhoneja@ves.ac.in	p	P	P	P	A	A
Simran Jagdish Makhija	D15A	3	3	6	2019simran.makhija@ves.ac.in	P	P	P	P	A	A
Sahil Parab	D6AD	2.5	3	5.5	2020.sahil.parab@ves.ac.in	A	P	P	P	A	A
Rupesh Dhirwani	D6AD	3	4	7	2020.rupesh.dhirwani@ves.ac.in	P	A	A	P	A	A
Naresh Shewkani	D6AD	3	4	7	2020.naresh.shewkani@ves.ac.in	A	P	P	A	A	A
Om Madat	D7A	3	3	6	2020.om.madat@ves.ac.in	P	P	Ntework Problem	A	A	A
Riya Nadagire	D7A	3	3	6	2020.riya.nadagire@ves.ac.in	P	P	P	A mail	A	A
Kaushik Sahasranaman	D7A	3	3	6	2020.kaushik.sahasranaman@ves.ac.in	P	P	P	A	A	A
NIKHIL HASWANI	D7A	3	4	7	2020.nikhil.haswani@ves.ac.in	P	P	P	P	P	P
Harsh Bakhtar	D7B	2.5	3	5.5	2020.harsh.bakhtar@ves.ac.in	A	P	P	P	P	P
Shalini Mirani	D7C	2.5	3	5.5	2020.shalini.mirani@ves.ac.in	P	P	A	P	P	A

Sample-Attendance and Evaluation Sheet

VESIT   Language Lab

Year- 21-22

Name	Class	Date	Signature
Prachit P.	D5A	10/05/2022	Prachu
Aarunya Tripathi	D2B	10/05/2022	Aarunya
Prachit	D5A	11/05/2022	Prachit
Sagar. T	D5B	13/05/2022	Elul
Anish mayekar	D5B	17/05/2022	Anish
Yajat Bhasin	D5B	14/5/22	Yajat Bhasin
Priyanshu Gurwani	D2A	14/5/22	Priya
Akash Fadnani	D2B	14/5/22	Akash
Dhruv Aswani	D2B	14/5/22	Dhruv. A
Sai Thikekar	D2A	14/05/2022	Sai Thikekar
Arjun Sudan	D5A	14/05/2022	Arjun
Rushikesh Sarak	D4B	14/05/2022	Rushikesh

Sample-Attendance For Language Lab

7. Extra time in examination:

University Circular for disabled student

University Circular for disabled student Link:

📄 Learning Disability Revised Circular.pdf