# Vivekanand Education Society's
## Institute of Technology

V.E.S.
Since 1962

**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
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Collector's Colony
Chembur, Mumbai, Maharashtra 400074

# Vivekanand Education Society's
## Institute of Technology

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

## Best Practice 5 - VESIT RENAISSANCE CELL (VRC)

## Academic Year 21-22

## VESIT RENAISSANCE CELL

# Report

VESIT RENAISSANCE CELL also known as VRC was established in the year of 2015-16. VRC is the brainchild of Our Principal Dr. J.M. Nair. She came up with an idea of having "young leaders" as an intermediate layer of the workforce. She picked up a few members from all departments. We are a team of eleven members. To fulfill objectives of VRC different activities were started. Project based learning and skill development activities give real growth to our goals

List and detailed description of activities carried out during this period including photographs with captions.

1. **Summer internship**
   o Summer Internship 2021 Organized by VESIT Renaissance Cell (VRC) in Association with VESIT Institution's Innovation Council (IIC) and IQAC
   o Internship Duration : 15th June - 30th July 2021
   o It was open for all students of VESIT from Second Year till Final Year.

| No of Projects offered | 24 |
|---|---|
| No of Guide | 16 |
| No. of students applied for Internship | 442 |
| No of students selected for Internship | 188 |
| No of students successfully completed Internship | 173 |

2. **Yoga Day**
   o International Yoga Day 2021
   o Organized by VESIT Renaissance Cell (VRC) in Association with VESIT Institution's Innovation Council (IIC) and IQAC

o  "Pranayam--Rejuvenating Innovative Minds" By  Mrs.Pallavi Pawar, Funguruapp.com, Yoga and German Trainer.

o  Mode of conduct : Online

o  21st June 2021, 11.00AM - 12.00PM

    o  In the session different types of Pranayam and its

    o  benefits were discussed. Following is the list

    o  Pranayam.

- Quiet Breathing.
- Deep Breathing.
- Fast Breathing.
- Tribandha and Pranayama.
- Nadi Shuddhi Pranayama or Anuloma -

    o  Viloma (Alternate nostril breathing - I)
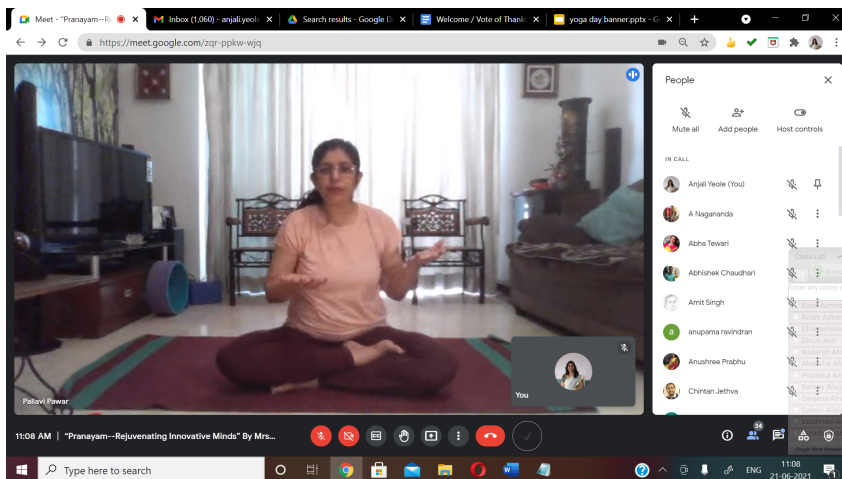


Yoga Trainer Pallavi while taking session
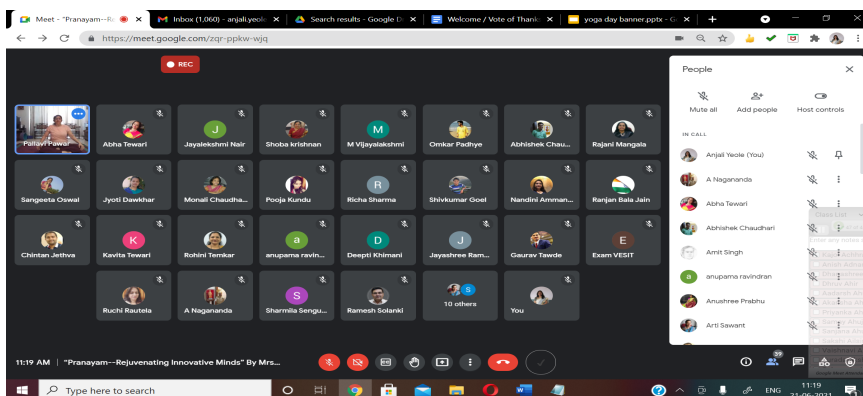


Online participants

Streaming was done in auditorium few faculty members were in auditorium

Online mode- 88
Offline mode- 33
Total Participants -121

3. **ATAL FDP 05/07/2021 to 09/07/2021 total grant 1,86,000/-**

    a. Cyber Security

ATAL FDP on Cyber Security: We received grant of rupees 93000/- from AICTE. 200 participants all over India registered for the FDP 142 successfully completed.
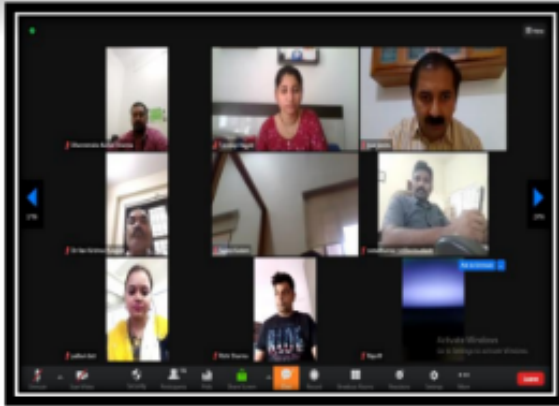
    b. Electric Vehicle

ATAL FDP on Electric Vehicle: We received a grant of rupees 93000/- from AICTE . 200 participants all over India registered for the FDP  132 successfully completed.

Valedictory function cyber security ATAL FDP

**Photo: DAY 1, 5th July , 2021 Session 1 Screenshots**

Electrical vehicle day 1 session 1

4. **"Self-Esteem and Appropriate Use of Technology"**

Session for first year students "Self-Esteem and Appropriate Use of Technology", 19th July 2021 , 11:00 am – 12.30 pm. Speakers were  Piya Mukherjee , Director at Vivekanand Education Society's Leadership Academy and Re-search Centre (VESLARC) , Preeti Vasudevan ,Healer and Mental Health Professional(VESLARC)  and Meeta Brahmbhatt ,Psychologist and  counsellor(VESLARC) . Total 330 + students attended the session.
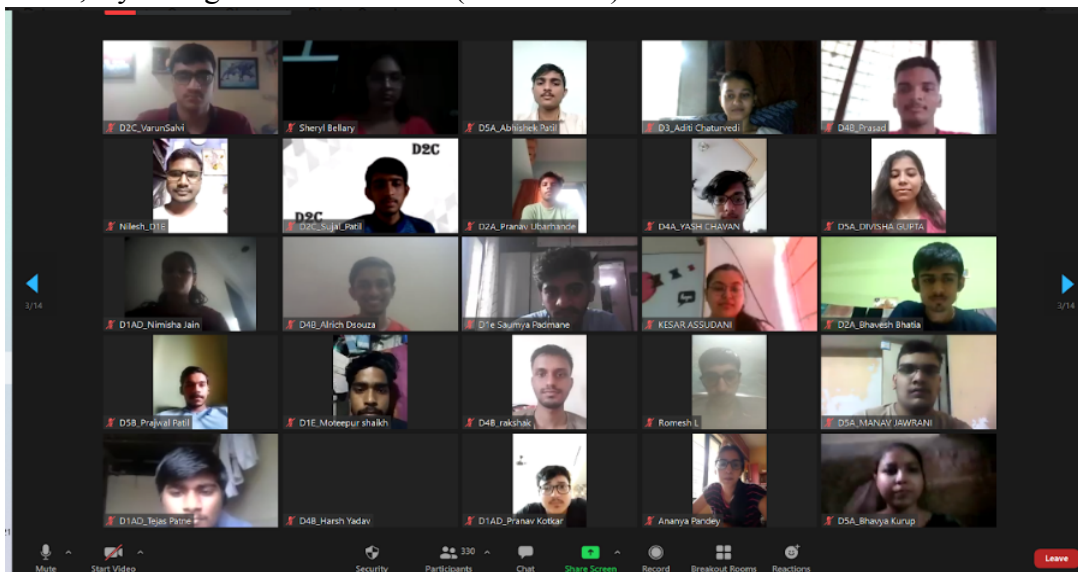


Screen shot

during session

**5.  AI-Syberthon : Hackathon Uses AI for fraud detection at bank  for VESIT third year students**

| | |
|---|---|
| **Date(s) of the Event** | 03/09/2021-09/09/2021 |
| **Duration Of the Event** | 7 days |
| **Venue** | Online |

Number of Student Participants-76
19 Teams
4 students per team
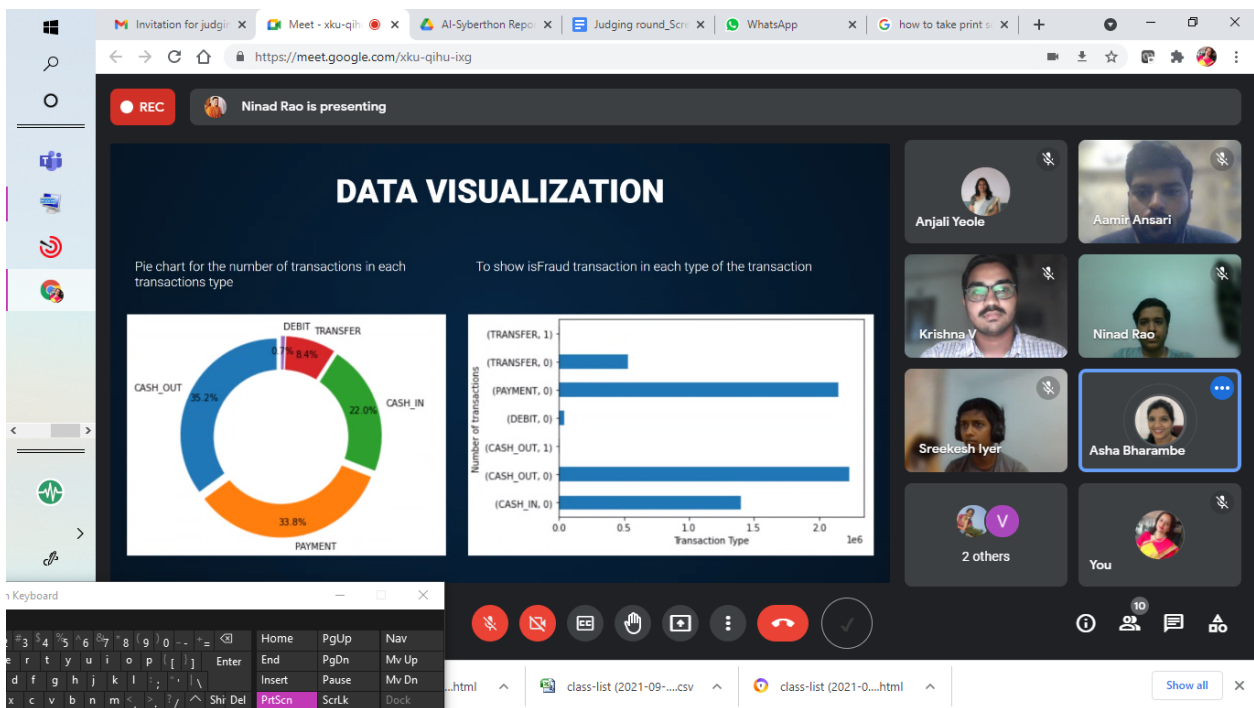


Team judging round screen shot

Results of the AI-Syberthon:

| | Team | Team Leader | Team Members |
|---|---|---|---|
| Winner | Super Trio | Aashish Nair | Aashish Nair D12C CMPN<br>Sourabh Bera D12C CMPN<br>Sneha Kartik D12C CMPN |

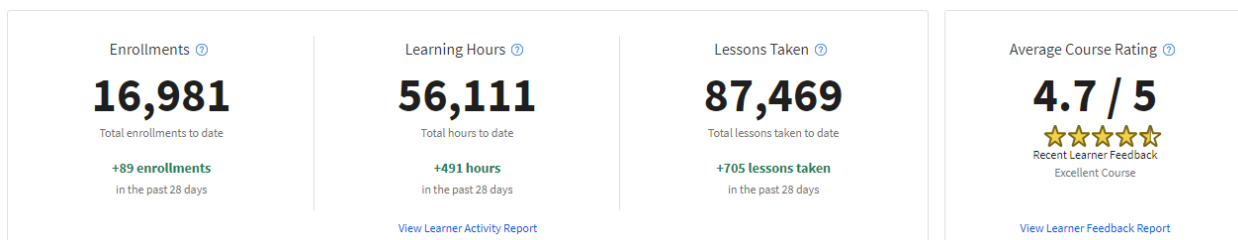| | | | Adarsh Singh D12C CMPN |
|---|---|---|---|
| I st runner up | CnyderCut | Sristi Sharma | Sristi Sharma D15B INFT<br>Rohan Padhye D15B INFT<br>Bhavya Hingorani D15B INFT<br>Omkar Pawar D15B INFT |
| II nd runner up | Boolean Autocrats | Krishna V | V Krishnasubramaniam D15A INFT<br>Aamir Ansari D15A INFT<br>Ninad Rao D15A INFT |

6. **College council elections**

First time in VESIT history student council elections were taken online responsibility for the same was given to VRC in academic year 2020-21.  This year also we successfully completed the election process online.

7.**VESIT Coursera Program**

Coursera.org offers massive open online courses (MOOC), specializations, degrees, professional and mastertrack 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.
VESIT enrolled for the program looking at the benefits which the students may avail from this program. VESIT Renaissance Cell was given the responsibility of coordinating for the same.
The opportunity was well received by the Students and Faculty members, as indicated by following numbers (as on 22nd Jan, 2022)

| Enrollments ⓘ | Learning Hours ⓘ | Lessons Taken ⓘ | Average Course Rating ⓘ |
|---|---|---|---|
| **16,981**<br>Total enrollments to date | **56,111**<br>Total hours to date | **87,469**<br>Total lessons taken to date | **4.7 / 5**<br>★★★★★<br>Recent Learner Feedback<br>Excellent Course |
| +89 enrollments<br>in the past 28 days | +491 hours<br>in the past 28 days | +705 lessons taken<br>in the past 28 days | |
| | View Learner Activity Report | | View Learner Feedback Report |

**8.Praxis21**
**following is the day wise list of events**

## Pre-e-Praxis'21 Events

| Sr. No | Date | Event Name | Timing | | | | | | |
|--------|------|------------|--------|--------|-------|-------|-------|--------|-------|
| | | | 10 - 12 | 12 - 2 | 2 - 4 | 4 - 6 | 6 - 7 | 7 - 12 | 12 - 7 |
| 1 | 2nd - 4th Apr 2021 | E-cell & VRC : VESIT HACKS | Whole day | | | | | | |
| 2 | 17th - 18th April 2021 | CSI : CodeKnights | | | | | | 17th-7pm to 18th-7am | |
| 3 | 17th April 2021 | ISTE : Meetrix | | | | 3PM to 5:30PM | | | |
| 4 | 18th April 2021 | ISTE: Trading workshop | 11.30 - 1.00 | | | | | | |
| 5 | 17th April 2021 | ISA : Leaflet.js | 10:30 - 12:00 | 1:00 - 2:30 | | | | | |

### e-Praxis'21

## e-Praxis'21 Events : Day 1

| Sr. No | Date | Event Name | Timing | | | | | | | | | |
|--------|------|------------|--------|---------|---------|-------|-------|-------|-------|-------|-------|-------|
| | | | 9 - 10 | 10 - 11 | 11 - 12 | 12 - 1 | 1 - 2 | 2 - 3 | 3 - 4 | 4 - 5 | 5 - 6 | 6 - 7 |
| 0 | 21st Apr 2021 | Inauguration | 9 - 9.30 | | | | | | | | | |
| 1 | 21st Apr 2021 | VRC : e-VES Robotics Challenge | | 9.30 am - 12.30 pm | | | | | | | | |
| 2 | 21st Apr 2021 | VRC : AD Venture | | | 11.30am-12.30 pm | | | | | | | |
| 3 | 21st Apr 2021 | CSI : Sherlock & Watson | | | | 12.30 pm - 3.30 pm | | | | | | |
| 4 | 21st Apr 2021 | CSI : IQuaranteen | | | | 12.30 pm - 3.30 pm | | | | | | |
| 5 | 21st Apr 2021 | IEEE : Mastermind | | | | | | | 3.30 pm - 6.30 pm | | | |
| 6 | 21st Apr 2021 | IEEE : Case Closed | | | | | | | 3.30 pm - 6.30 pm | | | |

### e-Praxis'21

## e-Praxis'21 Events : Day 2

| Sr. No | Date | Event Name | Timing | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 9.30 - 10.30 | 10.30 - 11.30 | 11.30 - 12.30 | 12.30 - 1.30 | 1.30 - 2.30 | 2.30 - 3.30 | 3.30 - 4.30 | 4.30 - 5.30 | 5.30 - 6.30 | |
| 1 | 22nd Apr 2021 | VRC : e-VES Robotics Challenge finals | 9.30 am - 12.30 pm | | | | | | | | | |
| 2 | 22nd Apr 2021 | VRC : Brain Game : Spin-a-Yarn, Workshop on Creative Thinking , Software Treasure Hunt | | 10.30 am -12.30 pm | | | | | | | | |
| 3 | 22nd Apr 2021 | ISA : Hardware Auction | | | | 12.30 pm - 3.30 pm | | | | | | |
| 4 | 22nd Apr 2021 | ISA : Filter It Out | | | | 12.30 pm - 3.30 pm | | | | | | |
| 5 | 22nd Apr 2021 | ISTE : Dalal Street | | | | | | | 3.30 pm - 6.30 pm | | | |

**e-Praxis'21**

| Sr. No | Date | Event Name | Timing | participation details (count) |
|---|---|---|---|---|
| 1 | 2nd - 4th Apr 2021 | e-cell & VRC : VESIT HACKS | whole day | 108 |
| 2 | 17th April 2021 - 18th April 2021 | CSI : CodeKnights | 17th April 2021 - 7pm to 18th April 2021 - 7am | 132 |
| 3 | 17th April 2021 | ISTE : Meetrix | 3PM to 5:30PM | 82 |
| 4 | 18th April 2021 | ISTE: Trading workshop | 11.30am to 1.00 pm | 174 |
| 5 | 17th April 2021 | ISA : Leaflet.js | 10:30am - 12pm & 1pm - 2:30pm | 66 |

| Sr. No | Date | Event Name | Timing | participation details (count) |
|---|---|---|---|---|
| 1 | 21st Apr 2021 | VRC : e-VES Robotics Challenge | 9.30 am - 12.30 pm | 52 |
| 2 | 21st Apr 2021 | VRC : AD Venture | 11.30 am -12.30 pm | 11 |
| 3 | 21st Apr 2021 | CSI : Sherlock & Watson | 12.30 pm - 3.30 pm | 58 |
| 4 | 21st Apr 2021 | CSI : IQuaranteen | 12.30 pm - 3.30 pm | 80 |
| 5 | 21st Apr 2021 | IEEE : Mastermind | 3.30 pm - 6.30 pm | 161 |
| 6 | 21st Apr 2021 | IEEE : Case Closed | 3.30 pm - 6.30 pm | 96 |

| Sr. No | Date | Event Name | Timing | participation details (count) |
|---|---|---|---|---|
| 1 | 22nd Apr 2021 | VRC : e-VES Robotics Challenge finals | 9.30 am - 12.30 pm | 52 |

| | | | | |
|---|---|---|---|---|
| 2 | 22nd Apr 2021 | VRC : Brain Game : Spin-A-Yarn: Creative thinking,Current Trends Crossword | 10.30 am -12.30 pm | 88 |
| 3 | 22nd Apr 2021 | ISA : Hardware Auction | 12.30 pm - 3.30 pm | 22 |
| 4 | 22nd Apr 2021 | ISA : Filter It Out | 12.30 pm - 3.30 pm | 32 |
| 5 | 22nd Apr 2021 | ISTE : Dalal Street | 3.30 pm - 6.30 pm | 225 |
| | | | | |
| | | | | |

## 9 Manthan 2021

VRC was coordinating Manthan 2021. Manthan 2021 was a hackathon based on national interests and challenges faced by our intelligence agencies that will be conducted online(Virtual). Virtual Hackathon basically refers to conducting an entire event online on a cloud based tool for non-stop 36 hours coding concept derived from Smart India Hackathon that engages all user types under one web console with different nodes. From Security & Surveillance to Data Analytics, Manthan covers all areas that need reformation from young Innovative minds that will help nations to build systems more secure and scalable without opting foreign tools.More details visit https://manthan.mic.gov.in/index.php. 10 teams from VESIT participated in it.

## 10.Avishkar

**Mumbai University 15th Avishkar Research Convention 2020-21 VRC got a chance to coordinate this for VESIT students.**

following Groups Participated

# UG

| Department | student | No of students in a group | Guide name | Uploaded |
|---|---|---|---|---|
| **CMPN** | Nikhil Joshi | 4 | Vidya Zope | Uploaded |
| **CMPN** | Anish Vaidya | 4 | Sujata Khedekar | Uploaded |
| **INST** | Advait | 4 | Sangeeta Prasana | Uploaded |
| **INFT** | Harshita Singh | 5 | Jayshree Hajgude , Shalu Chopra | Uploaded |

| | | | | |
|---|---|---|---|---|
| **ETRX** | Neeraj Samadhan Patil | 5 | Abhay Kshirsagar | Uploaded |
| **EXTC** | Siddhant Satam | 4 | Mrugendra Vastmatkar | Uploaded |

## PG

| Department | Student | No of students in a group | Guide name | Uploaded |
|---|---|---|---|---|
| MCA | Adesh Hemwani<br>Ninad Parab<br>Chimnay Mhatre | 3 | Mrs. Dhanamma Jagli | Uploaded |
| MCA | Adarsh Sawant<br>Prashant Trivedi | 2 | Dr. Shiv Kumar Goel | Uploaded |
| EXTC | Shital firke | 1 | Dr. Ranjan Bala Jain | Uploaded |
| EXTC | Piyusha Pakhare | 1 | Dr.Nadir N Charniya | Uploaded |
| INFT | Bincy Chellapandi | 1 | Dr. Shalu Chopra , Dr. M.Vijayalakshmi | Uploaded |

**Teams in final**

Team 1:

Swachh AI: Real-time Spit Detection using YOLOv3 Darknet Model

Team members: Anish Vaidya, Chetas Shinde, Mohit Thorat and Vinit Motwani

Mentor: Dr. Mrs. Sujata Khedkar

Team 2:

MULTIFUNCTIONAL ALL-TERRAIN DRONE

Team members: Siddhant Satam, Shubham Singh, Sagar Khurana and Sai Rane

Mentor: Mrugendra Vasmatkar

**Winner**

Team MULTIFUNCTIONAL ALL-TERRAIN DRONE

Team members: Siddhant Satam, Shubham Singh, Sagar Khurana and Sai Rane

Mentor: Mrugendra Vasmatkar
secured 3rd place in mumbai university

**11.An E-Session on "Sustainable Goal Development".**

**a. Number of Student Participants= 15**
**b. Number of Faculty Participants= 40**

poster of the event

screenshot taken during session