



VIVEKANAND EDUCATION SOCIETY'S INSTITUTE OF TECHNOLOGY

Hashu Adwani Memorial Complex, Collector's Colony, Chembur, Mumbai, Maharashtra 400074

THE DEPARTMENT OF ELECTRONICS AND COMPUTER SCIENCE

January 2023 - June 2023

SILICON
TODAY



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vision

To produce globally competent and socially responsible engineers capable of independently solving problems with a sound knowledge of engineering in Electronics and Computer Science.

mission

- To prepare students in the field of engineering in Electronics and Computer Science for lifelong learning.
- To develop professionals who can think critically and provide cost-effective solutions to solve local and global issues using knowledge of Electronics and Computer Science.
- To inculcate a sense of being job providers than job seekers with due consideration to ethical and social values.



RAKHI JADHAV
Assistant Professor

Message from the Department

As a faculty member, it drives me to offer perceptive enlightenment to our eminent students. The world of Electronics is one of the established tapestries of boundless perceptions crucial for the complicated design and skillful utilization of devices assembling evolving applications, covering wonders in the medical to the stronghold of defense, the domain of robotics, the exterior of artificial intelligence, and the miracles of contemporary automobiles.

Within this enthralling view, the computer stands as an elaborative incorporation of electronic accomplishment, a coordinated consolidation of scrupulous hardware and innovative software. The balanced integration of electronics, computing magic, and a cluster of auxiliary approaches works as the basis upon which the financial structure of the future shall be sculptured, embellished with the gorgeous gems of technical developments. Grasp the advancement of theoretical keystones with enthusiasm, and let the container of experiments outline your logical orbit. Occupy engrossed pedagogy and propagate a treasure of ingenious projects that will be momento to your scholarly expedition. Select magnificent fields of technical competitions where excellence and inventiveness congregate to compose achievement of appreciation. I thoroughly expect the rise of our scholars, who shall not simply handle the complications of distinct techniques but shall unfold the colors of learning, persistently displaying results to the mysteries of complex applications.

As they roam the land of the combined venture, the vessel of group projects shall enrich their workability to the unceasing swell of emerging technologies, a testimony to their meticulous chasing of amplified competency in the practical sphere. May the curtains of your comprehension be integrated with the strings of talent and effectiveness, consistently associated with the measure of ongoing technical trends. As you remain on the brink of renewal, composed to trace your fiction upon the archive of growth; my goal is for you to rise as praiseworthy, expertly managing the coherence of progressive improvements over various high-tech globe.

Faculty Contribution

WORKSHOPS/COURSES/SESSION ATTENDED/ CONDUCTED/ORGANIZED BY FACULTY

COURSES

- **Dr. T. Rajani Mangala** - MoE, IIC, Innovation Ambassdor - Advanced level
- **Dr. T. Rajani Mangala**- Social Media Analytics
- **Abhishek Chaudhari** - IP Awareness/Training program
- **Abhishek Chaudhari** - The recent trends in VLSI Design and its research issues in Industry Compliance
- **Dipti Jigar Karani** - The recent trends in VLSI Design and its research issues in Industry Compliance

"PCB Development for Project Designing"

The workshop was organised to provide participants with the necessary knowledge and skills to design and develop PCBs for various applications.

Organized By Mr. Yogesh Pandit



"A pathway towards Entrepreneurship",

The main objective of the session was to create awareness among students about various facts of entrepreneurship as a career option.

Organized By :- Mr. Abhishek Chaudhari,
Mrs. Dipti Karani



The Department of Electronics Engineering, (VESIT) organized **SCI-TECH FAIR '23,**

Project Exhibition on 20th March 2023 (Friday).

Faculty members co-ordinated the "SCI TECH FAIR '23 "

1. Dr. Abhay Kshirsagar 2. Mr. Abhishek Chaudhari

3. Mrs. Dipti Karani

IIC Co-ordinator: Dr. P.B. Birajdar

"INNOVESIT '23 "

Idea Competition Conducted by Electronics Department on 15th April 2023. Total 15 Teams participated from all Departments

Following faculty members co-ordinated the "INNOVESIT '23 "

1. Dr. Abhay Kshirsagar

2. Mr. Abhishek Chaudhari

3. Mrs. Dipti Karani



"Hands on FPGA, Verilog & Cadence"

in association with Tinkerers Lab, Department of Electronics. The aim of this workshop is to introduce to verilog coding, simulation and synthesis on Vivado software and also provide hands-on experience on FPGA.

Faculty Coordinator - Dr. Jayamala Adsul

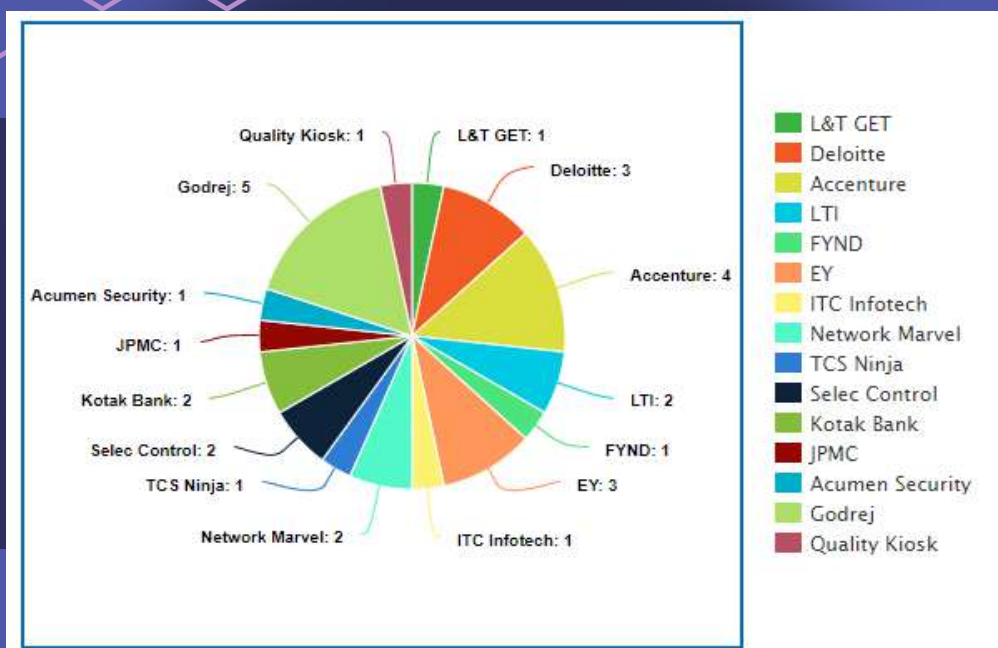
Mr. Abhishek Chaudhari



RESEARCH PAPER PUBLISHED BY FACULTY

- **Mrs. Kavita Tewari**, "Deformation Analysis in Aluminium", 2023 IEEE Sponsored Third International Conference on Advances in Electrical, Computing, Communications and Sustainable Technologies (ICAECT 2023).
- **Dr. Asawari Dudwadkar**, "Smart Classroom", Gradiva review journal, UGC care group II journal.
- **Mrs. Kavita Tewari**, "Indian Coin Detection Algorithm Using MATLAB", IEEE International Conference on Contemporary Computing and Communications (InC4).
- **Mrs. Jayamala Adsul**, "Human body gesture-controlled gaming application", 2022 Second International Conference on Next Generation Intelligent Systems (ICNGIS)

Placements



Total Strength 105, Job's Offered 42 & total 37 students are placed For A.Y 2022-2023.

Placement Activities

- Indian Air Force, conducted by Indian IPEV Team.
- Human Behaviour and its Impact, Mr. Bharat Jethan, TEDx Business Coach.
- Aptitude Test -1, held by Placement Team.
- Coding Test -1, organized by Placement Team.
- Aptitude Test -2, held by Placement Team.
- Transactional Analysis, organized by Prof. A Nagananda, TPO, VESIT.
- Coding Test-2, arranged by Placement Team.
- Aptitude Test-3, organized by Placement Team.
- Coding Test-3, conducted by Placement Team
- Junior Senior Interaction -2, organized by Team.



Project



Chips to Startup Programme

- The Ministry of Electronics and Information Technology (MeitY), under their esteemed "Chips to Startup (C2S)" programme, has awarded a grant of Rs 82.59 lakh for a ground breaking project proposal. Along with this granted money, VESIT has also been granted remote access to development tools worth more than Rs. 1 crore, providing the necessary resources to facilitate the project's successful implementation.



NATIONAL NEWS

V.E.S Institute Of Technology, Chembur Gets Grant Of Rs 82.59 Lakh From MeitY For The First Time For An Innovative Project Proposal For VLSI Chip Design

By India Education Diary ... On May 24, 2023



WEB NEWS

post, and promote the content on their web pages or websites, with high viewership.

V.E.S Institute of Technology, Chembur gets grant of Rs 82.59 lakh from MeitY for the first time for an innovative project proposal for VLSI chip design

- May 24, 2023

by Priya Jadhav

TECHNOLOGY

V.E.S Institute of Technology, Chembur gets grant of Rs 82.59 lakh from MeitY for the first time for an innovative project proposal for VLSI chip design

NATIONALHERALD May 24, 2023



- **Mrs. Jayamala Adsul** and some electronics students is working on a project titled “FPGA based Embedded System For Radiation Monitoring” in collaboration with TIFR.



- Students for Final year BE is working on Project named “Industrial Biogas Plant Automation: in collaboration with BARC under Guidance of **Mrs. Amrita Jhaveri**.



Industrial Visit



Company Name: IMA-PG

Location: Rabale, Navi Mumbai

Date: 29 th March 2023

Duration: 1 Day

Description: Industry visit for Industrial Automation

Students Corner

WORKSHOPS/COURSES ATTENDED BY STUDENTS

1. **Atharv Phadtare** - Certification of completion of Build Responsive Real-World Website with HTML and CSS
2. **Suchite Joshi** - Successfully completed an online training program on Astrophysics conducted by IIT Roorke
3. **Shreyash Das** - Successfully completed the ETHICAL HACKING at LearnWik Solutions
4. **Sneha Patil** - Completed workshop in Machine Learning at IIT Bombay
5. **Kapil Dhavale** - Completed the course of Ethical Hacking at LearnWik
6. **Shobhit Rajguru** - Applied Data Science Using Python on Simplilearn.
7. **Sukanya Pingale** - NPTEL online course on Introduction to IoT & Mechatronics

INTERSHIPS BY STUDENT

1. **Aditya Mohapatra** - Completed Internship in Cyber Security at LearnWik
2. **Purvi Prasad** - Completed intership at FundCapita
3. **Khushi Sharma** - Graphic Designer internship at FundCapita
4. **Joanna Sanju** - Design Head internship at The Genz Press
5. **Shobhit Rajguru** - IOT Internship at APSI Solutions.

STUDENTS ACHIEVEMENTS

CLASS D16

EVENT NAME: SENIOR SPHURTI'23
ORGANISED BY: SPORTS COUNCIL VESIT
ACHIEVEMENT: WINNER



CLASS D1EC

EVENT NAME: JUNIOR SPHURTI'23
ORGANISED BY: SPORTS COUNCIL VESIT
ACHIEVEMENT: RUNNER UP

CLASS D1EC
EVENT NAME: UTSAV'23
ORGANISED BY: CULTURAL COUNCIL VESIT
ACHIEVEMENT: RUNNER UP



Arnav Nadkarni & Suchit Joshi

EVENT NAME: DUET DRAMA (UTSAV'23)
ORGANISED BY: CULTURAL COUNCIL VESIT
POSITION SECURED : 1ST

Parnika and team

EVENT NAME: ANTAKSHARI (UTSAV'23)
ORGANISED BY: CULTURAL COUNCIL VESIT
POSITION SECURED : 1ST

Ritali and team

EVENT NAME: HEADS UP CHALLENGE (UTSAV'23)
ORGANISED BY: CULTURAL COUNCIL VESIT
POSITION SECURED : 1ST

Parnika Uparkar

EVENT NAME: MONO ACT (UTSAV'23)
ORGANISED BY: CULTURAL COUNCIL VESIT
POSITION SECURED : 2ND

Parnika Uparkar

EVENT NAME: MONO ACT (UTSAV'23)
ORGANISED BY: CULTURAL COUNCIL VESIT
POSITION SECURED : 2ND

Sujay and team

EVENT NAME: ANTAKSHARI (UTSAV'23)
ORGANISED BY: CULTURAL COUNCIL VESIT
POSITION SECURED : 2ND

Joanna and team

EVENT NAME: HEADS UP CHALLENGE (UTSAV'23)
ORGANISED BY: CULTURAL COUNCIL VESIT
POSITION SECURED : 2ND

Sukanya Pingale

EVENT NAME: BOTTLE PAINTING (UTSAV'23)
ORGANISED BY: CULTURAL COUNCIL VESIT
POSITION SECURED : 2ND

Class D1EC

EVENT NAME: MUSIC VIDEO (UTSAV'23)
ORGANISED BY: CULTURAL COUNCIL VESIT
POSITION SECURED : 2ND

Class D6

EVENT NAME: MUSIC VIDEO (UTSAV'23)
ORGANISED BY: CULTURAL COUNCIL VESIT
POSITION SECURED : 3RD

Parnika Uparkar

EVENT NAME: BLENDING BONANZA (UTSAV'23)
ORGANISED BY: CULTURAL COUNCIL VESIT
POSITION SECURED : 3RD

Kalpesh And Team

EVENT NAME: TREASURE HUNT (UTSAV'23)
ORGANISED BY: CULTURAL COUNCIL VESIT
POSITION SECURED : 3RD



CLASS D1EC

EVENT NAME: GROUP DANCE (PRARAMBH'22)
ORGANISED BY: CULTURAL COUNCIL VESIT
ACHIEVEMENT: WINNER

CLASS D1EC

EVENT NAME: SPOOF IT (PRARAMBH'22)
ORGANISED BY: CULTURAL COUNCIL VESIT
POSITION SECURED: 3RD

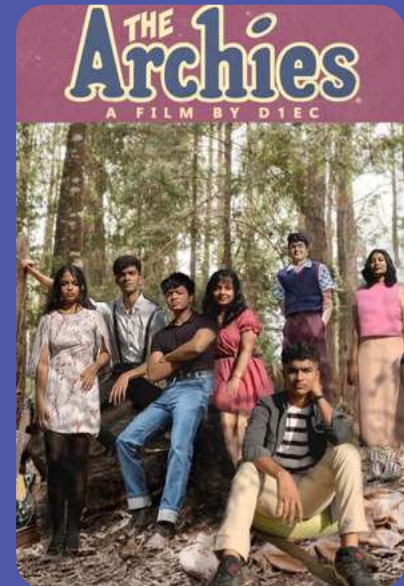


CLASS D1EC

EVENT NAME: MUSIC VIDEO (PRARAMBH'22)
ORGANISED BY: CULTURAL COUNCIL VESIT
POSITION SECURED: 2ND

CLASS D1EC

EVENT NAME: POSTER MAKING (PRARAMBH'22)
ORGANISED BY: CULTURAL COUNCIL VESIT
POSITION SECURED: 2ND



CLASS D11

EVENT NAME: TUG OF WAR (SR. SPURTI'23)
ORGANISED BY: SPORTS COUNCIL VESIT
ACHIEVEMENT: RUNNER UP



CLASS D1EC

EVENT NAME: FUTSAL (JR. SPURTI'23)
ORGANISED BY: SPORTS COUNCIL VESIT
ACHIEVEMENT: RUNNER UP

CLASS D16

EVENT NAME: DOGDE BALL (SR. SPURTI'23)
ORGANISED BY: SPORTS COUNCIL VESIT
ACHIEVEMENT: WINNER



CLASS D1EC

EVENT NAME: DOGDE BALL (JR. SPURTI'23)
ORGANISED BY: SPORTS COUNCIL VESIT
ACHIEVEMENT: WINNER

CLASS D16

EVENT NAME: THROW BALL (SR. SPURTI'23)
ORGANISED BY: SPORTS COUNCIL VESIT
ACHIEVEMENT: WINNER



CLASS D16

EVENT NAME: HAND BALL (SR. SPURTI'23)
ORGANISED BY: SPORTS COUNCIL VESIT
ACHIEVEMENT: WINNER

CLASS D1EC

EVENT NAME: TUG OF WAR (JR. SPURTI'23)
ORGANISED BY: SPORTS COUNCIL VESIT
ACHIEVEMENT: WINNER

CREATIVE MINDS



Name : Vinayak Panchal
Division : D6



Name : Anushka Shinde
Division : D6

SHE/HER

She's not a gift to be taken off, she's an art to be cared for!
An art that won't give you surety but an art that will lead you to stability.

Why is she still questioned periodically,
why does she has to go through the pain continuously.
For those who take her for granted, she'll turn into mystery
And a mystery is no more than a poetry, cause she makes life live!

~ Name :Srushti Chopade
Division : D6

Faculty In-charge



HEAD OF DEPARTMENT
Mrs. Kavita Tewari



ASSISTANT PROFESSOR
Jayamala Adsul

Student In-charge



SR. EDITOR
Shantanu Kolhe



Kalpesh Rathod



JR. EDITOR
Joanna Sanju



JR. EDITOR
Sneha Patil



Sanchit Kulkarni



Srushti Chopade