



# Vivekanand Education Society's Institute of Technology



(An Autonomous Institute Affiliated to University of Mumbai, Approved by A.I.C.T.E &  
Recognized by Govt. of Maharashtra)  
[Sindhi Linguistic Minority Institute, 51% Quota]

"Arise, Awake and Stop not till the Goal is reached."- Swami Vivekanand

**ADMISSION  
PROSPECTUS**

**2024-25**

## Contact Us



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## Conferred Autonomy Status by UGC w.e.f. 03/06/2023

### **CONTENTS**

1. Vivekanand Education Society.....	3
2. Message from Managing Trustee.....	4
3. About Vivekanand Education Society's Institute of Technology (VESIT).....	5
4. Principal's Desk.....	6
5. Vice - Principal's Desk.....	9
6. National Education Policy.....	10
7. VESIT Ranking.....	11
8. Salient Features.....	12
9. Courses Offered	
- Under Graduate Program	
- First Year Bachelor Degree Course in Engineering (B.Tech).....	18
- Direct Second Year Bachelor Degree Course in Engineering (DSE).....	18
- Masters Degree Program	
- Master of Technology (M.Tech).....	19
- Master of Computer Applications (MCA).....	20
- Ph.D Program ( Ph.D. course in Electronics Engineering).....	20
10. HABIT FOUNDATION for Budding Entrepreneurs.....	21
11. Achievements.....	22
12. UNNAT BHARAT ABHIYAN.....	43
13. Infrastructure.....	44
14. Laboratories with Latest Technologies.....	45
15. Placement Information.....	50
16. Activities.....	51
17. Green Campus.....	52
18. Anti-Ragging.....	53
19. Anti-Tobacco.....	54
20. Important Links.....	55



# Vivekanand Education Society

Vivekanand Education Society was founded in 1959 by Shri. Hashu Advani, along with ten other members. The Society's aim is to impart quality education to all including the economically backward classes thus playing a significant role in the progress of our country its dream and vision of Shri Hashu Advaniji, a great social worker & thinker.

It proudly boast of having 3, 75, 000 sq. ft. land, housing 12 buildings and 28 Institutions, ranging from a creche to Ph.D. Centers. All institutions are located in Kurla and Chembur, a lush green suburb convenient to travel from any part of Mumbai.

Over 18,000 Students have enrolled for Pre-primary, Primary, Secondary, Higher Secondary Schools, Graduate and Post-graduate Colleges, higher educational institutions like Engineering, Management, Pharmacy, Architecture, Law, Polytechnic. VES believes in the overall development of the students hence Institute has a dedicated leadership academy, sports academy, catering & craft center, and vocational guidance etc. VES provides, hostel facilities for girls and boys separately for the out-station students.

VES strictly follows and strongly believes in No Management Quota, No Capitation Fees or donations in any form, it's pure learning and sharing to work for academic excellence constantly.

## VISION

Our vision provides a prism through which we view the world to understand what we do and where we aspire to be

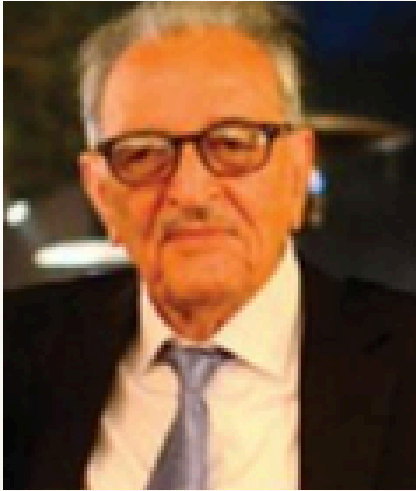
- Increase the intellectual wealth of the country by providing quality education and building excellent technical skills.
- Make individuals highly confident, self reliant and truly global citizens.
- Provide for holistic development in terms of Knowledge, Skill and Wisdom, Leading to cultural and spiritual integration.

## MISSION

Develop new generation leaders to bring a positive change in the world using the modern education system emanating from India's rich cultural heritage blended with western science!



# Managing Trustee's Message



I congratulate V. E. S. Institute of Technology on getting the Autonomous status from the academic year 2023-2024. The persistent efforts and dedication has helped us achieve this milestone. I am also delighted to note that from this academic year onwards, we have adopted the National Education Policy and it is being implemented from the First year. It is truly a dawn of a new Era for VESIT, an era of extended opportunities, collaboration, creative thinking and critical thinking.

## **Shri. Baldev Boolani**

Flexibility due to autonomy, enhanced teaching learning process, and experiential learning enables us to make our budding engineers industry ready.

Technical collaborations with industries will help to reduce the academia- industry gap.

The combination of Autonomy and the National Education Policy (NEP) is an optimum combination to provide students an environment of sustained growth and development thus preparing them to have a locally applicable and globally competitive edge.

Along with freedom and change, comes challenges. I am optimistic that these challenges will be faced with determination and commitment along with responsibility and accountability.

I am certain that VESIT will rise to higher levels of excellence, achievements and glory....

**Shri. B. L. Boolani**  
Trustee



# About VESIT

Linguistic Minority Institute (51% Sindhi Minority Quota)



Vivekanand Education Society's Institute of Technology (VESIT) was established in 1984, with the aim of providing professional education in the field of Engineering. This Institute is affiliated to the University of Mumbai and follows the rules and regulations laid down by DTE/CET CELL, AICTE, and University of Mumbai, Govt. of Maharashtra for admission. The management quota has been surrendered to DTE to make admission centralized.

VESIT in Maharashtra being on top in the preference of enrollment of the admissions by the students, because of its efficient functioning on imparting quality education through a process of innovative teaching inherited with techniques like process oriented guided inquiry learning, peer learning, flipped classroom and Google classroom concept.

## VISION

To create a vibrant knowledge oriented environment with innovative teaching practices and to inculcate a tradition of socially conscious application of technology.

## MISSION

- To inculcate culture of value based education
- To enthuse students to develop in ambient environment of caring and of sharing information
- To enable students to work towards excellence in their chosen fields with professional bent of mind.



**Dr.(Mrs) J. M. Nair**  
**Principal**

The long held idiom “reaching for the moon” was a dream realized as India’s Chandrayan 3 landed on the south pole of the lunar surface at 6.03 pm on August 23, 2023. Year 2023 will always be remembered for the remarkable achievement of India completing this space odyssey. Early 2024, ISRO could also successfully insert Aditya L1 solar observatory into Halo orbit around the sun-earth point L1. In fact, ISRO’s missions taught all of us how to aim for the stars believing in our own abilities and learning from failures.

We are also proud of our DRDO scientists for Mission Divyastra, the first flight test of indigenously developed Agni-5 missile with Multiple Independently Targetable Re-entry Vehicle (MIRV) technology.

India’s space sector achievements emphasize the significance of core engineering fields and hope this will sow the seeds of change in mindset of engineering students to choose courses for their study accordingly. The celebration of the Chandrayan Mahotsav on 4th September by our first year students inspired them to think in this direction. Year 2023-24 marked many major achievements for our institution also. VESIT was conferred “Autonomous Status” by UGC for a period of 10 years. We were also privileged to be amongst the first few Higher Education Institutions to implement the New National Education Policy – 2020 in Maharashtra state. VESIT has been also rated AAA+, by CAREERS 360 in India’s Best Engineering Institutions Survey 2023. Education World Pvt. Ltd. has ranked our institute as Second Best Private Engineering Institute in Maharashtra State.

In this special year, we are proud to get representation in the Republic Day Parade at Kartavya Path (Rajpath), India Gate, New Delhi. We are really proud of our students Shrawani Pawaskar and Dnyanesh Avhad for getting selected for participation in Vande Bharatam Classical Dance Presentation and as Best NCC Cadet representing Mumbai B group respectively in the Republic Day Parade 2024. We are proud of our student teams who have secured 1st prize in Smart India Hackathon and three winner teams in 18th Aavishkar University Research Convention, getting an opportunity to represent Mumbai University.



**Our faculty team Dr. Nilima Warke and Dr. Jayamala Adsul received Grant-in-Aid of Rs 82.59 Lakhs under “Chips to Startup (C2S) Category - I. The aim of the Chips to Startup (C2S) program is to build a vibrant semiconductor design and innovation ecosystem aimed at developing Specialized Manpower in VLSI/Embedded System Design. We are delighted to inform you that VESIT is the only private educational institute from Maharashtra which has been selected under category-I. Along with this grant money, the institute has been granted remote access to development tools worth more than Rs.1 crore. This project is an extension of the Ph.D. (Mumbai University) work undertaken by Dr. Nilima Warke and Dr. Jayamala Adsul, under the mentorship of Dr. P. P. Vaidya, Emeritus Prof. and Hon. Dean R&D and will be implemented in collaboration with Shri. Amit Rambhia, Chairman and Managing Director of Panache Digilife Ltd., a distinguished alumni of VESIT.**

**I am very much delighted to add that our Institute has also been granted Rs.38.31 lakhs for a duration of 60 months for implementation of “**Visvesvaraya PhD Scheme**” for Electronics at our research center. The research candidate enrolled for the Ph.D, under this scheme will receive monthly fellowship from this grant.**

**Our honorable Prime Minister laid the foundation stone for three semiconductor plants in India worth Rs.1.25 lakh crore, today. As Prime Minister said on this occasion “यही समय है, सही समय है” for students to concentrate in this upcoming field and grab the early bird Opportunities, availing the extra facilities provided to our Institution as C2S Institute by the Government.**

**We also have received a grant of Rs. 10 Lakhs for a project of “Artificial Intelligence based Smart Driver Assistant for Reduction of Road Fatality” with Dr. Nupur Giri as Principal Investigator and Mr. Yogesh Pandit as Co-PI from IIIT, Hyderabad. In addition to this our faculty and students are contributing to research projects with TIFR and Swechcha Project of MCGM. This year we have received grants for conducting two ATAL FDPs “Tools and Techniques for Data Applications” and “Devops and Cloud”.**

**Our Student project “IoT Based Smart Helmet for Safe Driving” from Electronics Department has been declared as District Level Winner for Maharashtra Student Innovation Challenge.**



**We are very happy to announce that ISA Maharashtra Section has awarded “Best ISA Student Section Award 2024” to VESIT student chapter.**

**Two students Mr. Yash Chavan and Mr. Nikhil Gore from B.E. (Instrumentation Dept.) were presented Best Student Leader Award 2024 by ISA Maharashtra Section. We are proud to announce that two student teams won first and second prize in the India Automation Challenge 23 conducted by IED Communications Ltd. and the institute was awarded the “Best College Trophy of India Automation Challenge 23”. The winning projects “Greenhouse Automation using openPLC” and “Hand Gesture Controlled Wheelchair” were showcased in Automation Expo 23.**

**We are very much delighted to announce that Technimont Pvt. Ltd., Italy, TCMPL and its Indian Subsidiary TIPO have jointly selected our institute for academic collaboration programme under their CSR initiative this year. Under this programme, 19 selected students of Automation and Robotics department will be provided a grant-in-aid of Rs. 23.23 lakhs and would be mentored for their academic projects and industry technical experts would also be conducting Skill Enhancement Lectures for our students.**

**We are also fortunate to be a part of Vigilance Awareness Week celebrations Central Vigilance Commission with the theme “Say no to corruption, commit to the nation” in collaboration with Union Bank of India.**

**The Electoral Literacy Club (ELC) is conducting various events under “Mera Pehla Vote Desh ke Liye” campaign to sensitize students on their electoral rights and familiarize them with the electoral rights, process of registration and voting as elections are around the corner.**

**Today, as our Country prepares for its goal “Viksit Bharat, Sashakt Bharat”, VESIT has also planned activities for our budding engineers mainly on Technology advancements in AI for its Ruby Jubilee celebrations in the forthcoming academic year.**

**“Arise, awake and stop not till the goal is reached.” - Swami Vivekananda**

**Dr.(Mrs). J. M. Nair  
Principal**

# Vice-Principal's Desk

## Embracing a New Horizon: Reflections from the Vice Principal's Desk



**Dr. (Mrs) M. Vijayalaxmi.**  
**Vice-Principal**

As we reflect on the accomplishments of the past academic year, it is with great pride and enthusiasm that I share our collective journey through the twin speaks of the dawn of a new era,

1. Academic Autonomy
2. The transformative spirit of the National Education Policy (NEP) 2020.

### The Autonomous Shift: A New Paradigm Unveiled

In the past year, our institution shifted from the University driven academic pursuit towards autonomy driven one. This evolution allowed us to explore new horizons, fostering an environment where students and faculty had the freedom to chart their academic path, innovate, and push the boundaries of traditional education.

### NEP 2020: Illuminating Our Path

The National Education Policy 2020 served as a guiding light, shaping our institution's trajectory toward a more dynamic and inclusive educational landscape. The principles of flexibility, multidisciplinary learning, and holistic development echoed in every achievement and milestone we celebrated. Autonomy empowered our students to be architects of their educational destiny, fostering a culture of self-directed exploration and lifelong learning. NEP principles breathed life into our classrooms, with students not only excelling academically but also honing a spectrum of skills essential for the challenges of tomorrow.

As we navigate through the achievements of the past, let us carry forward the momentum of autonomy and the spirit of the NEP. The dawn of this new era is a testament to our commitment to providing an education that not only adapts to change but also pioneers it. Thank you for a year marked by autonomy, innovation, and the unwavering pursuit of excellence.

I would like to conclude with the following,

“Education is the passport to the future, for tomorrow belongs to those who prepare for it today.” - Malcolm X

**Dr. (Mrs) M. Vijayalaxmi.**  
**Vice-Principal**

# National Education Policy



Recognizing the virtues embedded within the National Education Policy (NEP) of 2020, the VES Institute of Technology (VESIT) has undertaken a conscientious commitment to align its academic practices with the principles outlined in the policy. One of the pivotal areas undergoing adaptation is the structure of the credits offered within the four-year engineering degree program.

By aligning with the principles of the NEP and adapting the credits offered in the four-year engineering degree program, VESIT is not only embracing change but also fostering an environment that encourages continuous learning, innovation, and the holistic development of its students. This strategic move positions VESIT at the forefront of educational excellence, preparing its graduates to navigate the dynamic landscape of the modern engineering industry with confidence and competence.

Under the NEP, new clubs like NSS-VESIT, Universal Human Values Club, Green Club, Gender Champions Club were introduced.

The National Education Policy (NEP) of 2020 has ushered in a transformative era for Indian engineering education, propelling institutions like VESIT to restructure their academic frameworks. By embracing the NEP's multidisciplinary, flexible, and innovation-focused approach, VESIT is not only adapting its credit distribution but also cultivating an environment that fosters continuous learning and holistic student development.

The proposed credit distribution, with options for multiple exits, re-entries, and specialisations, reflects a commitment to personalised education and aligns with the dynamic needs of the modern engineering industry. VESIT's conscientious alignment with NEP 2020 positions it as a forward-thinking institution, poised to produce graduates equipped for success in the evolving landscape of technical education in India.

# VESIT RANKING

Vivekanand Education Society's Institute of Technology (VESIT) continues to secure its position as a top-tier educational institution, as evidenced by its impressive rankings across various platforms. Here's a snapshot of VESIT's stellar performance:



Ranked in the Band of  
26th to 50th in ARIIA  
2019  
under Self-  
finanace/Private  
Institutions Company



Rank Band :251-300  
(The Indian Rankings  
2021 Engineering)



Two times Accredited by  
National Board of  
Accreditation in 10 Years  
for all eligible UG Courses.

# VESIT RANKING

- The survey is conducted by the Delhi-based Centre for Forecasting and Research Pvt. Ltd (c fore), one of the country's premier market research and public opinion polling companies.



- **RANK 2 in Maharashtra State and 18th Rank in India by Education World India Private Engineering Institutes Rankings in 2024-25.**
- **RANK 2 in Maharashtra State and 21st Rank in India by Education World India Private Engineering Institutes Rankings in 2023-24**

**1st RANK in Maharashtra State in Education World Private Engineering Institute Rankings for consecutive 4 years [2022-23, 2020, 2019, 2018]**

# VESIT RANKING

Outstanding Contribution in Education Domain  
Category: Administration and Research



Dr.(Mrs).J. M. Nair(Principal), Shri B.L. Boolani (President)  
and Dr.(Mrs). M.Vijayalekshmi (Vice Principal)



2021  
**EDUCATIONAL EXCELLENCE**  
AWARDS & CONFERENCE  
[www.eduawards.in](http://www.eduawards.in)



AICTE-CII Industry-linked  
Technical Institute Survey  
2020 & 2016



Asia's Fastest Growing  
Institutes by WCRC, Award  
ceremony held at Singapore.

# VESIT RANKING

- **India's Best Engineering Institutes 2023 survey' by Career 360 V.E.S. Institute of Technology (VESIT) has been rated AAA+ making it one of the best engineering institutes in the country in 2023.**



- **“Outstanding Performance in Virtual Knowledge Delivery during Pandemic” in National Educational Excellence Awards & Conference 2021.**
- **“Leading & Most innovative Engineering & Technology College of the Year 2021” Maharashtra Award under “Quality Education, Leading Infrastructure, Outstanding Administration & Placements” Category for the year 2021.**

# VESIT RANKING

- **“India's 10 Best Institutes for Higher Education 2019” by The Excelligent Magazine survey.**
- **“India’s Best Engineering Colleges 2019” by Chronicle of Career and Education.**
- **“India’s Best Engineering Colleges 2019” by Career 360.**
- **“Times Engineering Institute Ranking Survey 2019” by Times Of India.**
- **“Best Colleges 2019” by The WEEK.**
- **“Best Colleges of India” by The India Today.**
- **“The 10 Best Private Institutes in India, 2018” by The Knowledge Review Magazine.**
- **“Most Promising Engineering College With Excellent Faculty in Maharashtra” award in Asia Education Summit & Awards 2017.**

# SALIENT FEATURES

- **Permanent Affiliation of University of Mumbai**
- **Recognized under Sec.2 (f) & 12(B) of UGC Act 1956**
- **Dedicated Resourceful Placement Cell**
- **4th Consecutive year with 600+ placement offers**
- **More than 75% Placements for last 8 Year**
- **Strong Alumni Association**
- **Results : 100% in MCA and More Than 95 % in B.E. for last 8 Years**
- **Highly Qualified and Experienced Teaching Faculty**
- **Spacious Air-conditioned Library having more than 50000 books**
- **Established Institution Innovation Council (IIC)**
- **NSS Unit**





# **SALIENT FEATURES**

- 1. AIA Association**
- 2. Big Data Analytics Lab with Cloudera, USA**
- 3. LabView Academy with National Instruments, USA**
- 4. VESLARC – Counseling Center**
- 5. Research and Development Center**
- 6. e\_Yantra Lab with IITB**
- 7. Innovation Lab with Accenture**
- 8. Laboratories with latest Technology**
- 9. Professional Societies of Students**
- 10. NPTEL Local Chapter**
- 11. Inviting Playground**
- 12. Hostel Facility**
- 13. Sprawling Complex with Wi-Fi Facility**



# Under Graduate Program

## First Year & Direct Second Year Bachelor Degree Course in Technology (B.Tech) (Institute Code: BE3185)

UGC has conferred the Autonomy status to VESIT for the period of 10 years  
from the Academic year 2023-24 to 2032-33

Choice Code	Degree Programs	Intake (FE)	Intake (DSE)
318526110	Electronics and Computer Science	60	06
318524510	Computer Engineering	180	18
318537210	Electronics & Telecommunication Engineering	120	12
318524610	Information Technology	180	18
318599510	Artificial Intelligence and Data Science	120	12
318591610	Automation and Robotics	60	06



# Master Degree Program

## Master of Technology (Institute Code: ME3185)

Master of Technology is a program that provides advanced classroom instruction of greater depth than available in a Bachelor Degree.

The M.Tech Program comprises of four semesters with duration of two years. The degree is awarded by the University of Mumbai.

**Eligibility: As per DTE, University of Mumbai and State Government Rules.**

Choice Code	Degree Programs	Intake
318524610	M.Tech. - Information Technology	06
----	M.Tech. -VLSI & Embedded Systems	06

### M.Tech. -VLSI & Embedded Systems

- LAB FACILITIES - All EDA tools & hardware like Mentor, Cadence, Synopsis, Xilinx Vivado, various FPGA boards for Undergraduate & Post Graduate students projects and curriculum.
- INTERNSHIP - 06 months paid internship at Intel, NXP Semiconductor etc. is facilitated by Meity.



# Master Degree Program

## First Year of Two Years Full Time Master of Computer Applications (MCA) (Institute Code: MC3185)

UGC has conferred the Autonomy status to VESIT for the period of 10 years from the Academic year 2023-24 to 2032-33

Choice Code	Degree Programs	Intake
318524110	MCA (Master of Computer Applications)	120

## Ph.D Program

- VESIT has always given importance to the experimental way of teaching and learning of engineering concepts which can only be perfected through the best research and development practices. VESIT offers Ph.D. course in Electronics Engineering and has a well-equipped Research & Development Laboratory which is utilized by P.G. and Ph.D. students.
- Institute has also been granted **Rs. 38.31 Lakhs** for a duration of **60 months** for implementation of “**Visvesvaraya Ph.D Scheme**” for Electronics at our research centre. The research candidate enrolled for the **Ph.D**, under this scheme will receive monthly **Fellowship** from this grant.

# HABIT FOUNDATION for Budding Entrepreneurs

On September 15, 2023, VESIT hosted an event where the launch of HABIT Foundation's website took place by college trustee Shri. B. L. Boolani. The website is a platform dedicated to helping young student entrepreneurs develop market-fit products, offering resources, mentorship, and funding opportunities. This launch marked a milestone in the college's commitment to supporting entrepreneurship and innovation.



Notable guests included Dr. (Mrs.) J.M. Nair (Principal, VESIT), Shri. Vijay Talreja (Director, HABIT Foundation); Shri. Bharat Ajwani (Director, Tecnik Valves), Shri. Amit Rambhia (Director, Panache DigiLife). Their presence added prestige and significance to the event.

Dr. (Mrs.) J. M. Nair, the esteemed principal of VESIT College, delivered an impassioned speech emphasizing the crucial need for innovation in today's world. She highlighted how innovation drives progress, encourages problem-solving, and empowers students to become leaders of change.

## Chips to Startup (C2S) Programme

Ministry of Electronics & Information Technology (MeitY)  
Govt. of India



Vivekanand Education Society's Institute of Technology  
&  
M/s Panache Digilife Limited

Ministry of Electronics & Information Technology (MeitY), Govt. of India  
has approved

**Rs.82.59 Lakhs as Grant-in-Aid**  
under

**“Chips to Startup (C2S) Programme”**

for implementation of the Academia- Industry collaborative project

**“Development of ASICs or SoCs for programmable gain amplifier and  
reconfigurable ADC's for wide range of applications”**



C2S Team with VES Management

- Our faculty team Dr.Nilima Warke and Dr.Jayamala Adsul received Grant-in-Aid of Rs 82.59 Lakhs under “Chips to Startup (C2S) Category - I.
- The aim of the Chips to Startup (C2S) program is to build a vibrant semiconductor design and innovation ecosystem aimed at developing Specialized Manpower in VLSI/Embedded System Design.
- Offers financial support & design infrastructure support for design & development of Application Specific Integrated Circuits (ASICs), System on Chips (SoCs), IP Cores & FPGA based designs.

# Achievements

## TIE-UPS ACADEMIA/ RESEARCH/ INDUSTRIES



- Competency Development Centre (CDC) of Automation Industries Association (AIA)
- Big Data Analytics Lab with Cloudera, USA
- Zonal partner with leadingindia.ai
- LabView Academy with National Instruments
- E-Yantra Lab with IIT-B
- BRNS / TIFR / UNIVERSITY OF WISCONSIN-MADISON
- Oracle Academy
- Innovation Lab with Accenture
- Innovation Lab with D-Link Academy
- Chip to Startup (C2S) with PANACHE DIGILIFE
- L&T / MCGM / STAR UNION DAI-ICHI LIFE

**Recipient of Prestigious Grants from**

**1- BRNS 2- ISRO 3- MCGM 4-AICTE**



# Achievements

## Project Swechchha



**"An ITes based Solution for Operation & Maintainance of the Community and Public Toilets Blocks In The Slums Of The M-East Ward Of Mumbai "**

**The CSR- Financial Partner is Star Union Dai-ichi Life Insurance Co.Ltd (SUD Life) who proposed to provide financial assistance of Rs.24 Lakhs for the project VESIT-IT Swechchha**

**Received approval from BMC, Municipal Corporation of Greater Mumbai (MCGM) on 25/05/2023 for 10 years.  
(20/8/2022 to 19/08/2032)**

**The project was launched on 13 September 2023 at 11 AM in the Conference Room of the M-East Ward BMC Office.**

# Achievements

## Swadeshi Microprocessor Challenge-2020



Organised by the MeitY in collaboration with CDAC, IIT Madras, IIT Bombay & Makervillage

Received a cash Prize of Rs 25 Lakhs for the project expenses and Startup

Registered a startup company "Cpulser Pvt. Ltd." under "Startup India Recognition"



**स्वदेशी MICROPROCESSOR CHALLENGE**  
INNOVATE SOLUTIONS FOR #आत्मनिर्भर भारत

03 VESIT Product Ideas in 100 Semi Finalists  
Total Award of Rs. 3,00,000/-

01 Team in 30 Finalists  
Award of Rs. 4,00,000/-

Winner of 4<sup>th</sup> Prize  
Award of Rs. 20,00,000/-

**SWADESHI MICROPROCESSOR CHALLENGE**  
Projects developed using Swadeshi Microprocessor designed in collaboration with CDAC and IIT Madras

VESIT Team developed "Calibration System for Nuclear Spectroscopy Applications" and won 4<sup>th</sup> Prize in the Swadeshi Microprocessor challenge [https://innovate.mtygov.in/swadeshi-microprocessor-challenge] organized by the Ministry of Electronics and Information Technology, held in Indian habitat center, New Delhi on 2-3, December 2021.

The team received the fourth prize award of Rs 20,00,000/- (Out of the 30 finalists, 19 were start-ups and 11 from educational institutions)

Team Members: 1. Mrs. Asma Parveen I. Siddavatam (Ph.D. Scholar), 2. Mr. Ajit Tukaram Patil (PG Student) & Dr. P. P. Vaidya (Mentor)

Earlier, as a selection in the 30 finalists, the team had received a cash prize of Rs. 4,00,000/-.

Also, the institute received Rs. 3,00,000/- towards the selection of Three (03) YESII Product Ideas in the Semi-Final Stage (100 Shortlisted Product Ideas in the Minimum Viable Prototypes (MVP) from 6000+ Product Ideas proposed by different educational institutes, start-ups, R&D centres and Industry in India.)

Hearty Congratulations to all Members, Faculty & YES Management!!!!!!

# Achievements

## BRNS Project

(Tie-Up with **ACADEMIA/RESEARCH/INDUSTRIES**)



**Sponsored by - Board of Research in Nuclear Sciences  
(BRNS)**

**Project -**

**“Development of Methodology for Indian Evaluated  
Nuclear Data Library for applications in S & T”**

**Grant- Rs.21,39,888/- for 4 years beginning from  
Financial Year 2019-2023.**

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# Achievements

## Memorandum of Understanding

### Sponsored by:- DCCF Labs Pvt. Ltd. (DeepCytes)

**Project :** Develop A Saas Platform For Building Forensics Tools To Develop a SaaS platform by amalgamating the Functionalities required to conduct Corroborations listed below, with a dynamic feed of research material which is front ended by a thorough graphical user interface.

- Research Piping
- Corroboration Modules
- Physical Forensic Evidence
- Digital Forensics - Cyber Forensic, Cloud & Network Forensic

**Grant:-**(INR 2,00,000/-) , since 2022

### Sponsored by:- Messy Desk Media Pvt. Ltd.

**Project 1:** User Preference Recommendation System & Analytics For New Articles

**Grant:-**(INR 50,000/-) , since 2022

**Project 2 :** Automated Web Article Extraction Based On Rss And Summarization With Pointer Generator Networks

**Grant:-**(INR 50,000/-) , since 2022



### Sponsored by:- HUB Data IIT Hyderabad

**Project :** Artificial Intelligence based Smart Driver Assistant for Reduction of Road Fatality

**Grant:-** Sanction project at a total cost of Rs.10,00,000 (Rupees Ten Lakh Only) with break-up of Rs.1,00,000 (Rupees One Lakh only) under Capital (Non-Recurring) head and Rs.9,00,000 (Rupees Nine Lakhs only) under General (Recurring) head for a duration of 12 months

# Achievements



- **Development of FPGA based embedded system for data porting using USB 3.0 protocol**
- **Development of FPGA based embedded system for data porting using Ethernet protocol**
- **Development of FPGA based systems for radiation monitoring system**
- **Development of FPGAS based systems for radiation monitoring system**
- **Non-contact Type Tachometer for speed (rpm) measurement**
- **Development of LIDAR like systems to measure object distance**
- **Physical Object identification in CMS experiment at CERN using ML approaches**
- **Wireless extraction of display Panel data on complex machines using non-invasive and wifi approach using ML techniques**
- **Messaging (audio, video, text, etc) and chat applications with in-house data encryption app**
- **Gujarati Script Recognition using NLP for TIFR Mumbai**
- **CMS detector Quality Assurance using ML methods**
- **Touchless attendance System with Voice and Face Recognition**

# Achievements

## India Automation Challenge

**WINNER**

**Best College Trophy**



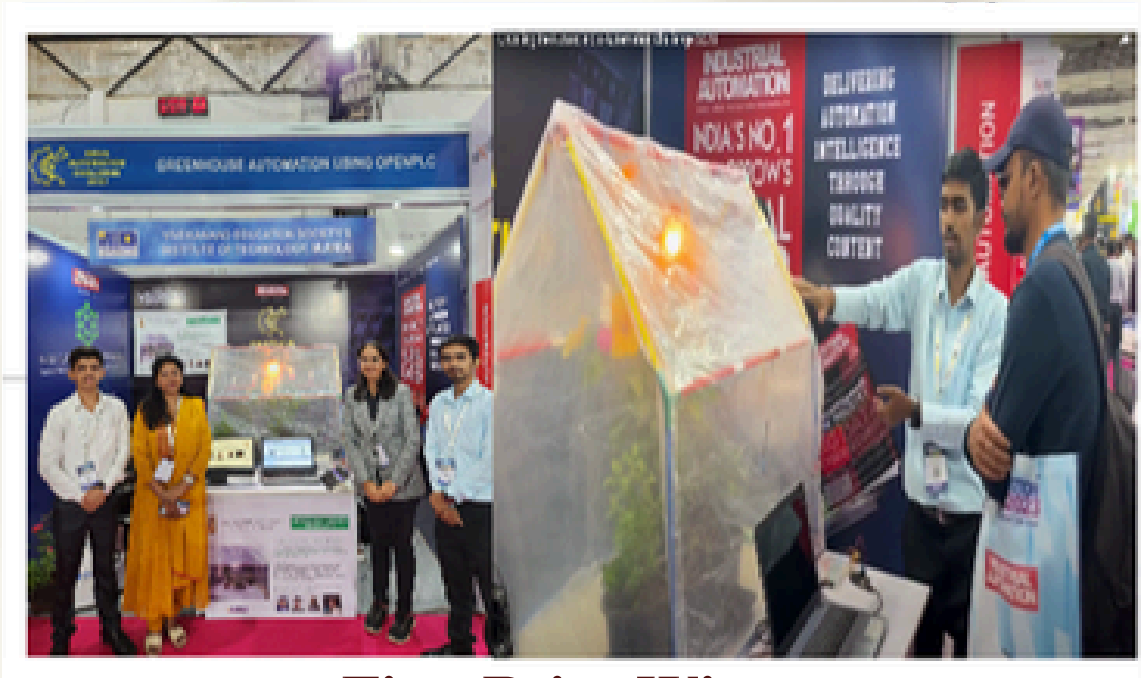
To inspire young minds, provide exposure to real-world automation challenges, and create a talent pool of practical solution-oriented professionals. Industry – “Automation Expo-23, Goregaon, Mumbai

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# Achievements

## India Automation Challenge



**First Prize Winner**

**"Greenhouse Automation using openPLC"**



**Second Prize Winner**

**"Hand Gesture Controlled Wheelchair"**

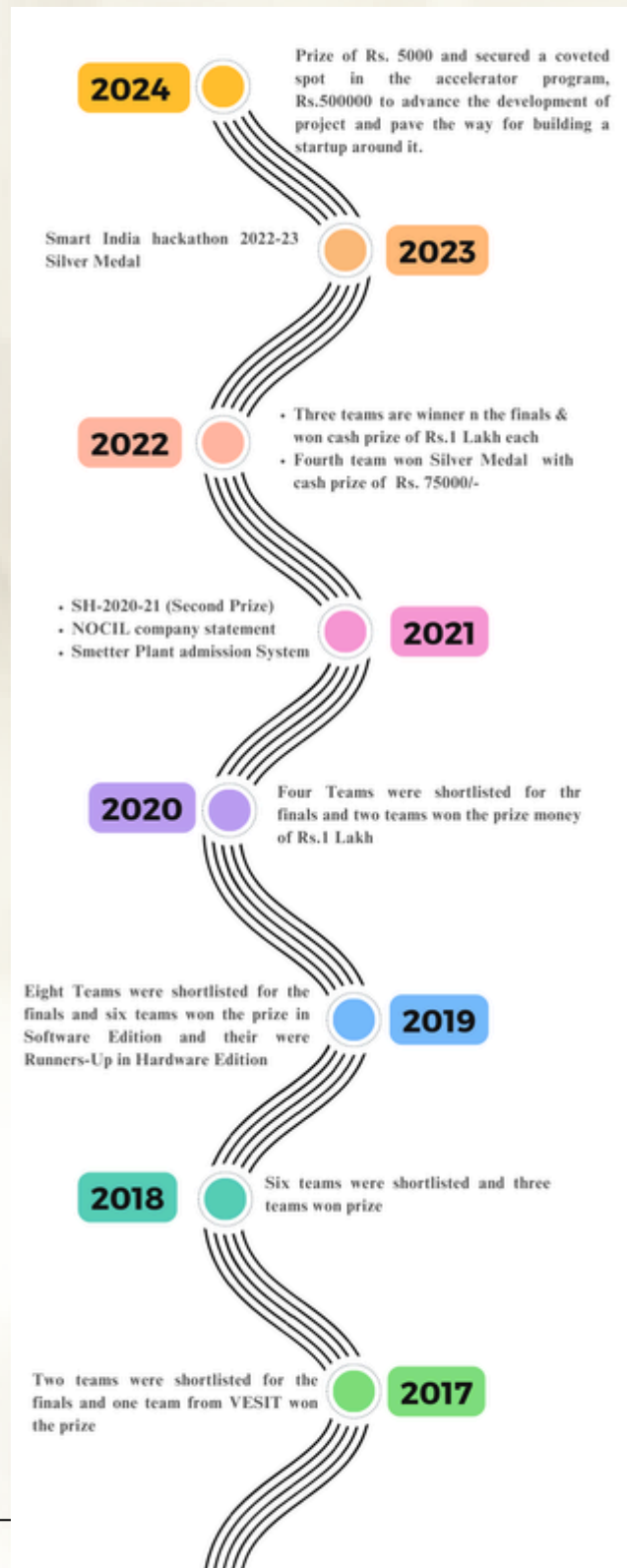


# Achievements

A proud moment for VESITIANS to celebrate the success at National Level Smart India Hackathon for being winners for consecutive 08 years.



## SMART INDIA HACKATHON



Total Grant amount  
Rs. **13+**  
Lakhs

It is a National Level Competition organised by MHRD & Govt. of India

# Achievements

## SMART INDIA HACKATHON



**Smart India Hackathon-24  
(1st Position)**



**Smart India Hackathon-24  
(Finalist)**



**Smart India Hackathon-24  
(Finalists)**



**Smart India Hackathon-22  
Silver Medal  
(2nd Position)**

# Achievements

## OTHER HACKATHONS



**OPHacks 24**  
**Organized by IIT**  
**Bombay**  
**Winner**



**m-Indicator' 24**  
**Organized by VJTI**  
**Finalist**



**Syrus 23**  
**24 hours Hackathon**  
**Winner**



**CODE-A-THON**  
**Organized by CSI-DMCE**  
**3rd Rank**

### **HackThis Fall 4.0, Karnavati University, Gandhinagar, Gujarat**

#### **Prize for Best use of GenAI APIs**

#### **First Prize**

**Team-1 :**  
Sarvesh Patil ,  
Atharvas Bhoite,  
Shreyansh Singh,  
and  
Hrishikesh Kumbar

**Team-2 :**  
Sarvesh Limaye,  
Meet Mulik, and  
Soham Kayal

**Team-3 :**  
Mukul Kolpe



# Achievements

## Deep Blue by Mastek

(National Level Project Competition)



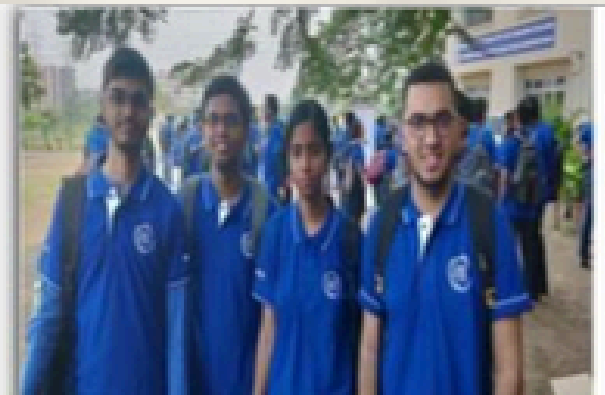
**2022-23**  
**Deep Blue project**  
**competition participants**



**2021-22**  
**Resume Parser**  
**(2nd Position)**



**2018-19**  
**E-Clean**  
**(2nd Position)**



**2017-18**  
**Capacity for Planning**  
**Public Toilets**  
**(Finalist)**



**2017-18**  
**Super Team Award**



**2017-18**  
**Ministry of Skill Development &**  
**Entrepreneurship**  
**(1st RunnerUp)**

# Achievements

## Students Achievements

2023-24

- **“IoT Based Smart Helmet for Safe Driving” from Electronics Department has been declared as District Level Winner for Maharashtra Student Innovation Challenge.**



- **Anurag Tripathi 3rd Year student has achieved a remarkable feat by securing All India Rank 67 in the prestigious GATE CS examination for the year 2024.**
- **ISA Maharashtra Section has awarded “Best ISA Student Section Award 2024” to VESIT student chapter.**
- **Two students Mr. Yash Chavan and Mr. Nikhil Gore from B.E. (Instrumentation Dept.) were presented Best Student Leader Award 2024 by ISA Maharashtra Section**

# Achievements



## Avishkar Research Convention

Organised by University of Mumbai



**A.Y 2023-24**

Ms. Jheel Panchal student of Final year Electronics engineering emerged in **Top 10** at state level Avishkar Maharashtra state Inter-University Research convention held from 11th-15th January, 2024 at Nashik.

**Project Title :- Smart Saline system for Healthcare**

**Position:- 1st rank at zonal level**

**Represented Mumbai University at StateLevel.**



**Position:- 3rd Rank at state level**

**Represented Mumbai University at the state level.**

**A.Y 2022-23**

**Student team received First Rank at 17th Avishkar Inter-Collegiate / Institute / Department Research Convention (Final Round)**



# Achievements



## Avishkar Research Convention

organised by University of Mumbai



Principal Dr. J. M. Nair and Dr. P. P. Vaidya receiving the Overall Championship (First Rank) award in Engineering & Technology Category in the 13th Intercollegiate/Institute/Department Avishkar Research Convention

Overall  
Championship  
(First Rank)  
award for the  
college in  
Engineering  
and  
Technology  
Category  
2018-19.



**A.Y 2021-22**

won bronze medal at Level 1: Undergraduate Students (UG) in Engineering and Technology category.

**A.Y 2020-21**

Received SILVER MEDAL in 15<sup>th</sup> Intercollege/ Institute/ Departments Avishkar Research Convention

**A.Y 2019-20**

Prof. Nilima Warke, has secured 3rd rank at University level. Her project was also recognized by the team of Nehru Science Center and this project was selected as "Innovative Idea and Design" which is being considered for incubation in Mumbai University.

Prof. Kanchan Chavan was winner at (Inter-Zonal/Inter-District) round.

**A.Y 2018-19**



Silver medal (Second Prize) in Teachers category at Inter-University State Level competition.

Prof. Ajesh Lekshmi won at the Inter-University level in a Ph.D. category.

Prof. Kadambari Sharma has secured 3rd rank in the Teachers category at the University level.

Participated and presented at Final Round (University Level)



# Achievements

## Students Achievements

2022-23



Winners of Khelo India University Games'22



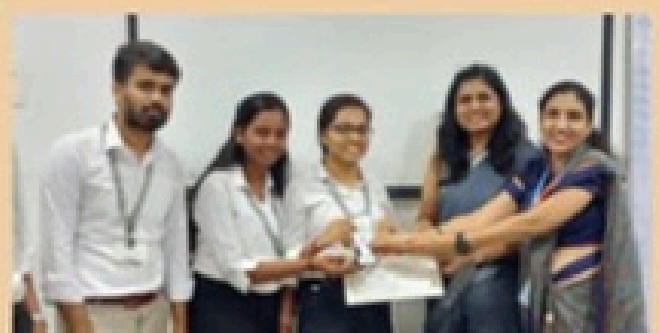
Winners of Avishkar Competition 2022



Winners of TechSpark 2023



Winners of Deep Blue 2022



ICRMIR-23 Best Paper Award Winner

# Achievements

## Students Achievements

2022-23



**e-Yantra Grand Finalist-2022**



**National Level Powerlifter**



**Winners of Chhaalang Hack 2022**



**Winners of Smart India Hackathon 2022**




**Winners of VISAI 2022**


# Achievements


**Vivekanand Education Society's Institute of Technology, Mumbai, has been partnered with International Management Institute, Bhubaneshwar under this Ek Bharat Shreshtha Bharat programme.**



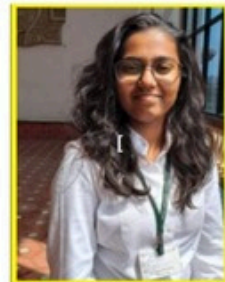
**Program aims to fulfill the vision of our Prime Minister, through the guidelines given by Ek Bharat Shreshtha Bharat Cell, under which Department of Higher Education, MHRD and AICTE has partnered institutes from two different states to work in unison towards this vision country.**

 The Model United Nations (MNU) are simulations of the UN General assembly where students are appointed to be delegates of various countries and they have to represent their countries & debate on various global issues such as climate change or geopolitics.

 Hritika Mulay was the delegate of Switerland and was awarded a Verbal Mentor for her debate skills and excellent knowledge of geopolitics.

 An inter-college MNU was held at Vaze College of Arts, Science & Commerce -Mulund on 3rd & 4th December 2022.

Model United Nations



**Hritika Mulay**

# Achievements

## Accolades



**Global Llama  
Community Summit  
May 2024  
@meta  
headquarters in  
Menlo Park.  
California**



**Dr. Nupur Giri  
was one of the among 70 participant  
Researchers Worldwide**



# Achievements

## Accolades



**Dr. Dashrath Mane,  
Deputy Training & Placement officer  
Awarded as  
MaTPO Outstanding Leader 2022**

## MaTPO Outstanding Leader 2022



**Dr. A.P.J. Abdul Kalam Teacher's Excellence Award 2020-21**

# UNNAT BHARAT ABHIYAN

Title of the project: "Surya Sakshamta: Pragati Ka Sulabh Marg"

VESIT received Rs. 2,50,000 from IRD-IIT Delhi



UBA Visit



Village Development



Orphanage Visit

Adopted 05 Villages in Wada Taluka Thane  
"Gargoan, Apti, Asnas, Ambiste and Amgoan"



- **Surya Sakshamta: Pragati Ka Sulabh Marg**
  - Grant Received Rs. 1,00,000/-
- **Solar Lights Installation at Ambiste Khurd**
  - Status : Installation Completed
  - Stickers pasted on for poles and solar lights
- **Bio Toilet: An Ecological Initiative**
  - Grant Received Rs. 1,00,000/-
  - Status : in Progress
  - Village: Asnas

# INFRASTRUCTURE

The VESIT Campus strikes a balance between modern facilities & natural surroundings to create an atmosphere that is ideal for students to learn, explore and grow.



**Canteen**



**Playground**



**Music Room**



**Library (Books: 9935, Volume: 5258)**



**Seminar Hall**



**Amphitheater**

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

**PHONE NO: 022 6153 2510/27**

**Website: <https://vesit.ves.ac.in/admission/microsite>**

# Laboratories with Latest Technologies



Robotics & AI



Software defined Radio  
(Under AICTE MODROB grant)



Web Engineering and Multimedia



Cloud Computing



Machine Learning and Data Analytics



Process Automation



RF, Microwave & Antenna Comm.



DSP & IP open source



D-Link Academy, Network & Wireless Comm.



TV, VLSI & Satellite Comm.



Optical Fiber Comm & Network



Basic Electronics



Big Data Analytics



PLC-DCS



E-Yantra



# Placement Highlights

Academic Year 2023-24

Ongoing

*The legacy of excellent placement records continues -*

- Highest CTC - 14.5 LPA
- Number of Recruiters 112
- Total Placement Offers 475

## Academic Year - 2023-24 (Ongoing)

Total Company  
Visited/Total No of Offers  
**112/475**

Highest Salary  
**14.5 LPA**

Total Placed  
**444**

## Academic Year -2022-23

Total Company  
Visited/Total No of Offers  
**82/511**

Highest Salary  
**29 LPA**

Total Placed  
**485**

## Academic Year -2021-22

Total Company  
Visited/Total No of Offers  
**93/630**

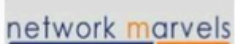
Highest Salary  
**22 LPA**

Total Placed  
**492**

Placement



# Major Recruiters





# Dream Recruiters

Forcepoint



MAQ Software



Apport Software Solutions Private Limited





# Core Recruiters



# Green Campus



Plastic Elimination Drive



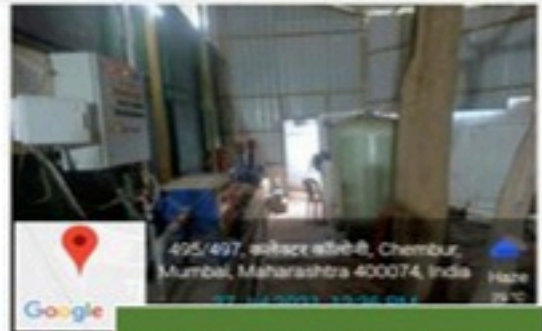
E-Waste collection Management



Tree Plantation



Rain water Harvesting



Sewage Treatment Plant



Composed Pit



Fuming Hood for Chemistry Lab

"Campus with LED Tubelights"



# Activities



# Anti Ragging



**V.E.S INSTITUTE OF TECHNOLOGY**  
Hashu Advani Memorial Complex, Collectors  
Colony, Chembur Mumbai- 400074



**Say No To Ragging**

**JOIN HANDS TO MAKE YOUR CAMPUS RAGGING FREE**

**( ANTI-RAGGING COMMITTEE)**

# Anti Tobacco

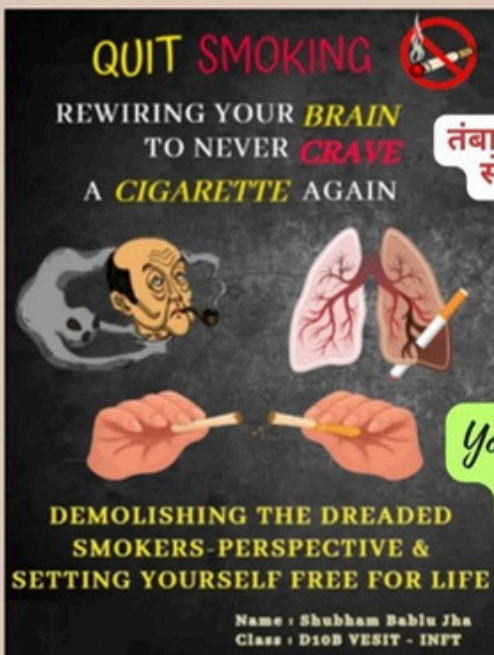
## NO SMOKING SLOGANS

- Don't let your future go up in smoke.
- Listen to your lungs, they are crying.
- Stop smoking. Your life is precious.
- Say no to smoking.
- You smoke and I suffocate.
- Smoke and choke.
- Stop smoking, start Jogging.



## WORLD NO-TOBACCO DAY

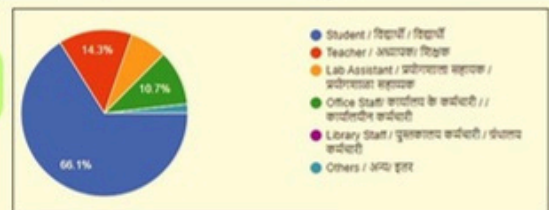
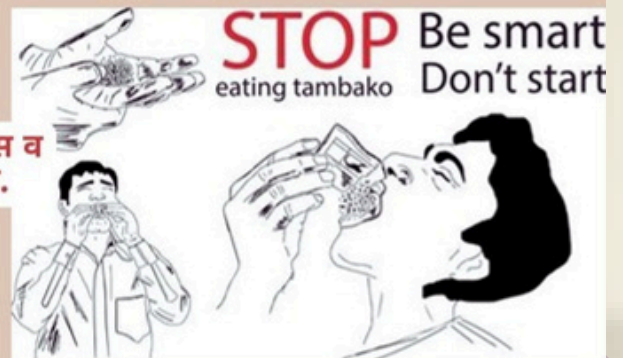
31 May 2023



या संस्थेमध्ये  
तंबाखूजन्य पदार्थ बाळगण्यास व  
सेवन करण्यास मनाई आहे.



*Your health, your choice:  
say No to tobacco!*



Responses from staff and students towards Tobacco Free Campus of VESIT

(Activity dated May 31, 2023, World No Tobacco day)

Awareness campaign was organised at VESIT on various activities for the students and faculty during 31 May 2023.



# Fee Structure

## Under Graduate Programme Academic Year 2024 - 25

Caste Category	First Year Engineering (Applicable Fees)		Direct Second Year Engineering (Total Fees)
	Maharashtra Board	Other University / Boards (CBSE / ICSE)	
OPEN	146756/-	147056/-	125489/-
EBC/OBC	84914/-	85214/-	70837/-
VJ/NT/SBC	23072/-	23372/-	16184/-
SC/ST	5756/-	6056/-	4489/-
TFWS	23072/-	23372/-	-----
JK/GOI/NEUT	29000/-		-----
PMSSS	5500/-		-----



# Fee Structure

## Post Graduate Programme

Academic Year 2024 - 25

<b>Caste Category</b>	<b>Master in Engineering (Total Fees)</b>	<b>Master of Computer Applications (Total Fees)</b>
<b>OPEN</b>	<b>51408/-</b>	<b>98408/-</b>
<b>EBC/OBC</b>	<b>-----</b>	<b>59107/-</b>
<b>VJ/NT/SBC</b>	<b>-----</b>	<b>19806/-</b>
<b>SC/ST</b>	<b>8408/-</b>	<b>8408/-</b>
<b>TFWS</b>	<b>-----</b>	<b>19806/-</b>
<b>JK/GOI/NEUT</b>	<b>-----</b>	<b>31352/-</b>



# Important Links

## ▶ Anti-Tobacco

<http://vesit.ves.ac.in/committees#antitobacco>

## ▶ Grievance Redressal Cell

[http://vesit.ves.ac.in/student\\_corner/grievance](http://vesit.ves.ac.in/student_corner/grievance)

## ▶ Anti-Ragging

<http://vesit.ves.ac.in/committees#antiragging>

## ▶ VESLARC

<http://vesit.ves.ac.in/veslarc/>

## ▶ Yuva Raksha

[Link](#)

# Career Katta

(Career and Entrepreneurship Counseling, Skill Development, Internships, Placement, etc.)

Career Katta is an initiative of Department of Higher and Technical Education, Govt of Maharashtra and in coordination with Maharashtra Information Technology Support Centre. The college conducts various activities to guide students about Career, Competitive Examinations (UPSC, MPSC, Banking, SSB, SSC, Police, LIC, etc.), Entrepreneurship, Skill Development; Credit Earnings under new CBCS and NEP Curriculum Framework, Internship and Placement Opportunities, etc.

## Eligibility to Join:

Any student admitted for any regular course in the college or college alumni referred by College Coordinator.

**Registration Fees:** One Time Rs. 365 for Three-year degree period (Rs. 0.36 per day), which will be reimbursed in the form of subsidy on examination charges of CBCS. It including free access to all the activities, courses, State Level Competitive Exams, etc.

**How to Register:** Download the MITSC application from Google Play Store and pay fees using any online payment mode

**College Code:** ..... (Please include the Career Katta code of the College)

**Contact:** For more details visit college webpage \_\_\_\_\_ or **contact Coordinator** ..... or Career Katta Helpline 75076 52555

करियर कट्टा मध्ये  
विद्यार्थ्यांनी नाव नोंदणी  
करण्यासाठी



यूट्यूब वरील उपक्रमांमध्ये  
सहभागी होण्यासाठी  
सबस्क्राईब करा



करियर कट्टा नियमित उपक्रमाची  
माहिती मिळवण्यासाठी  
सबस्क्राईब करा



हेल्पलाइन नंबर : 750 765 2555

# VIVEKANAND EDUCATION SOCIETY'S INSTITUTE OF TECHNOLOGY

(An Autonomous Institute Affiliated to University of Mumbai, Approved by A.I.C.T.E &  
Recognized by Govt. of Maharashtra)  
[Sindhi Linguistic Minority Institute, 51% Quota]



**UGC has conferred the Autonomy status to VESIT for the period of 10  
years from the Academic year 2023-24 to 2032-33**



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



+91-22-61532518/+91-22-61532510/+919136032532



[vesit.admission@ves.ac.in](mailto:vesit.admission@ves.ac.in)





We need education that forges our life,  
generates the ideal man, imbibes noble thoughts  
and develops the abilities in us.

Swami Vivekanand