



VIVEKANAND EDUCATION SOCIETY



VES Institute of Technology

Affiliated to Mumbai University, Approved by A.I.C.T.E & Recognized by Govt. of Maharashtra



PROSPECTUS

ABOUT US

Vivekanand Education Society was founded in 1959 by Shri. Hashu Advani, along with ten other members, who the dream of providing qualitative education to the youth of our country. In the beginning, Vivekanand Education Society had a very modest launch, with just 256 students and six classrooms, in the humble barracks of Chembur Camp. But today, it proudly boasts of having 3, 75, 000 sq. ft. land, housing 12 buildings and 28 institutions, ranging from a crèche to Ph.D. Centers. It has over 2000 teaching and non-teaching staff, and more than 18,000 students who pass through its hallowed portals each year. VES strictly follows and strongly believes in – **No management quota, no capitation fees or donations in any form**, its pure learning and sharing continuing to work for academic excellence. The institution lays emphasis on the building of character and personality of students.

Vivekanand Education Society's Institute of Technology (VESIT) was established in 1984, with the aim of providing professional education in the field of Engineering. VESIT is a private unaided engineering college run by Vivekanand Education Society (VES) trust. This institute is affiliated to the University of Mumbai and follows the rules and regulations laid down by government, AICTE, and University for admission; **51% reserved for Sindhi Linguistic minority**. The management quota has been surrendered to DTE to make admission centralized. The institute has highly qualified faculty who are selected on the basis of their accomplishments.

VES Institute of Technology in short “**VESIT**” is making its felt in Maharashtra by being on top in the preference of taking 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. As the postulates of quality education does not narrow down with an insight in teaching it includes features contributing to the aspects of looking beyond the syllabus like global exposure, skill enhancement lectures, professional competency enhancement programs and so on.

VESIT SALIENT FEATURES

- ❖ **Established Institution Innovation Council (IIC)**
- ❖ **Ph.D Centre of University of Mumbai (Electronics Engineering)**
- ❖ **State of Art R & D Centre**
- ❖ **Library having more than 49596 books**
- ❖ **Permanent Affiliation to University of Mumbai**
- ❖ **Competency Development Centre of Automation Industries Association (AIA)**
- ❖ **LabView Academy with National Instruments**
- ❖ **Sprawling Complex, Inviting Playground & Hostel**
- ❖ **Training provided for Industries in the State of the Art Instrumentation Laboratory**
- ❖ **Zonal Partner with leadingindia.ai**
- ❖ **Active Placement Cell**
- ❖ **Highly Qualified Teaching Faculty**
- ❖ **Permanent Affiliation to University of Mumbai**
- ❖ **Innovation Lab with Accenture and D-Link Academy**
- ❖ **Aditya Jyot Eye Innovation Center**
- ❖ **E Yantra Lab with IIT**
- ❖ **Oracle Academy**
- ❖ **Professional Societies of Students**
- ❖ **Big Data Analytics Lab with Cloudera, USA**

VESIT Ranking by various Agencies (Government/Private)

- Two times Accreditation by National Board of Accreditation in 10 Years for all eligible UG Courses.
- **NIRF India** Rankings 2021 in the RANK-BAND of 251-300 (Engineering)
- Ranked in the band of 26th - 50th in **ARIIA** 2019 under SELF-FINANCE/ PRIVATE INSTITUTIONS category.
- Consecutive 3 times 1st RANK in Maharashtra State in EducationWorld Private Engineering Institutes Rankings in 2018, 2019 & 2020,
- Asia's Fastest Growing Institutes by WCRC, Award ceremony held at Singapore
- "India's 10 Best Institutes for Higher Education 2019" by The Excelligent Magazine survey
- Also Ranked in Surveys "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 KnowledgeReview Magazine
- 'Most Promising Engineering College With Excellent Faculty in Maharashtra' award in Asia Education Summit & Awards 2017
- Platinum Category in AICTE-CII Industry-linked Technical Institute Survey 2020 & 2016
- Results: 100% in MCA and More than 95 % in B.E. for last 8 Years
- Placements : More than 75% Placements for the last 8 Year

VIVEKANAND EDUCATION SOCIETY'S

INSTITUTE OF TECHNOLOGY

Affiliated to Mumbai University & Approved by A.I.C.T.E



PROSPECTUS

2021-2022

Website: <http://vesit.ves.ac.in> or <http://ves.ac.in/ves>

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1. ABOUT VIVEKANAND EDUCATION SOCIETY



**Vivekanand
Education
Society**

Distinctive Essentials

- Admired for Ethics, Values, Discipline and Excellence in education
- Management board of honorary professionals in different fields. Honorary Associates and Alumni assisting in various activities of the trust.
- 26 Institution from creche to schools to colleges upto Ph.D. level
- More than 18,000 students studying every year and over 1200 teaching & non-teaching staff.
- No capitation or donation from students or parents
- There are no Management quota seats in all professional Institutions of VES.
- All admissions are purely on merit
- 12 buildings in 3 complex's with over 395000 sq.ft of area
- 3 Large Sports grounds and, Hostel & Staff quarters.
- Financial help to poor & needy students.

Institutions of VES

Professional, Technical & Higher Education Institutions

V.E.S. Institute of Technology
 V.E.S. Institute of Management Studies and Research
 V.E.S. College of Pharmacy
 V.E.S. Artificial Intelligence and Data Science after Pharmacy
 V.E.S. Law College
 V.E.S. College of Science, Arts & Commerce
 V.E.S. Leadership Academy & Research Center
 V.E.S. College of Architecture
 V.E.S. Polytechnic

High Schools and Junior Colleges

Swami Vivekanand Jr. College, English Medium
 Swami Vivekanand Kanishta Mahavidyalaya, Hindi Medium, Kurla
 Swami Vivekanand High School, English Medium, Chembur
 Swami Vivekanand Vidyalaya, Hindi Medium, Kurla
 Swami Vivekanand High School, Marathi Medium, Kurla

Certificate Level Technical and Vocational Institutions

V.E.S. Tulsi Technical Institute, Sindhi Society, Chembur
 V.E.S. Catering Craft Center
 V.E.S. Nari Shala
 Sports and Fine Arts Institutions
 V.E.S. Vivekanand Sports Academy
 V.E.S. Vivekini

Other Institutions

V.E.S. Creche & Day Care Centre
 V.E.S. Vocational Guidance Bureau
 V.E.S. Welfare Section
 V.E.S. Vivek Sindhi Kendra

Primary & Preprimary Schools

Swami Vivekanand Preprimary & Primary School English Medium, Sindhi Society, Chembur
 Swami Vivekanand DBC Pre-Primary & Primary School English Medium, Collectors Colony, Chembur
 Swami Vivekanand Prathmik & Purva Prathmik Shala Hindi Medium, Kurla
 Swami Vivekanand Pre-Primary & Primary School English Medium, Kurla (E)
 Swami Vivekanand Prathmik & Purva Prathmik Shala, Marathi Medium, Kurla
 Swami Vivekanand Nursery & Play School, Chembur

2. GOVERNING BODY

MEMBERS OF VESIT GOVERNING BODY

1.	Shri. B.L. Boolani	Chairman
2.	Shri. Amar T. Asrani	Member
3.	Shri. Suresh Malkani	Member
4.	Dr. (Shri) Prakash Lulla	Member
5.	Shri. R.N. Mukhija	Member
6.	Shri. Sunil Khanna	Special Invitee
7.	Dr. (Mrs.) J.M. Nair	Principal
8.	Dr.(Mrs.) M. Vijayalakshmi	Vice Principal
9.	Shri. Vijay Talreja	Special Invitee Member
10.	Dr. Amit Dutta	AICTE Nominee
11.	Dr. M.D. Desai	AICTE Nominee
12.	Dr. N.R. Gilke	M. U. Nominee
13.	Dr. Abhay Wagh	DTE Nominee
14.	Shri. P. K. Krishnamurthy	State Govt Nominee
15.	Dr. P. P. Vaidya	Staff Representative
16.	Dr. Gresha Bhatia	Staff Representative



COLLEGE DEVELOPMENT COMMITTEE

MEMBERS OF COLLEGE DEVELOPMENT COMMITTEE

1.	Shri. B.L. Boolani	Chairman
2.	Shri. Amar T. Asrani	Member
3.	Shri. Suresh Malkani	Member
4.	Dr. (Shri) Prakash Lulla	Special Invitee
5.	Shri. Laxman Kanal	Special Invitee

6.	Shri. J.K. Khushu	Member – Industry Expert
7.	Shri. Vijay Talreja	Member – Industry Expert (Alumnus)
8.	Dr. B.K. Lande	Member – Education Expert
9.	Shri. Milap Shah	Special Invitee (Alumnus)
10.	Shri. Niraj Gunde	Special Invitee (Alumnus)
11.	Dr.(Mrs.) M. Vijayalakshmi	Member–Coordinator, IQAC
12.	Dr. (Mrs.) J.M. Nair	Principal
13.	Dr. Gresha Bhatia	Special Invitee
14.	Dr. (Mrs.) Shanta Sondur	Teachers’ representative
15.	Dr. C. D. Rawat	Teachers’ representative
16.	Shri. Abhay Kshirsagar	Teachers’ representative
17.	Mrs. Kajal Madnani	Member – Non-Teaching staff’s representative
18.	President, College Student Council	Student Member
19.	Secretary, College Student Council	Student Member

3. COURSES OFFERED

Bachelor of Engineering (B.E) and Direct Second Year Engineering (DSE)

Institute DTE Code: EN3185

Choice Code	Regular Course	Intake (51% Sindhi Minority Quota)	
		B.E	DSE
318537610	Electronics Engineering	60	06
318524510	Computer Engineering	180	18
318546610	Instrumentation Engineering	60	06
318537210	Electronics and Telecommunication Engineering	120	12
318524610	Information Technology	120	12
318599510	Artificial Intelligence and Data Science	60	06

Master of Engineering (M.E)

Institute DTE Code: ME3185

Choice Code	Regular Course	Intake (51% Sindhi Minority Quota)
318537210	M.E. - Electronics and Telecommunication	18
318546410	M.E. - Instrumentation and Control	18
318524610	M.E. - Information Technology	18

Master of Computer Applications (M.C.A)

Institute DTE Code: MC3185

Choice Code	Regular Course	Intake (51% Sindhi Minority Quota)
318524110	MCA	120

- Converted as First Shift by AICTE w.e.f. A.Y. 2020-21

& - Two Years Post Graduate Course w.e.f. A.Y. 2020-21

4. FROM PRINCIPAL'S DESK

Year 2020 will be remembered as a unique year in world's history, thanks to the corona pandemic, which struck the whole world. VESIT participated in combating this pandemic by handing over our institute premises to the government authorities for operating it as a COVID 19 Quarantine Centre from 27th April 2020 to 5th August 2020. VESIT was also blessed with many laurels this year.

Confederation of Indian Industries (CII) in association with All India Council for Technical Education (AICTE) conducted a survey to identify educational institutions that worked closely with the

industries, which is the need of the hour. We are very happy to inform you that in this survey, VESIT has been ranked in the topmost category, Platinum, in recognition of the activities conducted by the institute, which is our endeavor to make our students industry ready. This has also earned a 4.5 star rating out of 5 stars for Institute Innovation Council by the Ministry of education.

Vivekanand Education Society was ranked in the band of 26th - 50th category by Atal Ranking of Institutions on Innovation Achievements (ARIIA) under Self-Finance / Private Institutions category. VESIT was recognized as rank 1 in private engineering institutes in Maharashtra state by Education World Magazine in the Private Engineering Institutes Ranking 2020-21.

All departments of the institute utilized lockdown effectively by conducting online faculty development programmes, webinars, quizzes and technical and non-technical workshops for students. We congratulate all the staff members and students who have upgraded their skills by participating in certification courses offered by COURSERA and IIT's. We are happy to note that more than 8000 enrolments were done.

VESIT Renaissance Cell in association with IIC & IQAC organized a three week Academia - Industry Connect program called Tech-Xpert talks with an active participation from industries such as National Instruments USA, Larsen & Toubro, Reliance Industries, CAP Gemini, Accenture, Apple India Pvt. Ltd., CereLabs Pvt. Ltd, Emerson, B & R Industrial Automation Pvt. Ltd to name a few.

VESIT received an AICTE grant under the AQIS program for conducting a faculty Development Program on emerging areas. The institute conducted three FDP's on "Green Internet of Things", three more FDP's on another emerging area of "BlockChain and its Applications" is in the planning stage and will be conducted during the end of the academic year.

VESIT also received an AICTE grant of Rs. 9.12 Lakh under Modernisation and Removal of Obsolescence (MODROB) for the upgradation of Advanced Wireless Lab. I am delighted to inform you about the achievements made by our institute faculty during this academic year.

VESIT has bagged a project of building an IT solution for operations and maintenance monitoring system of community and public toilets of Municipal Corporation of Greater Mumbai. This project has got a funding of Rs. 24 lakhs from Star Union Dai-ichi Life Insurance Company.

Another achievement is the selection of three research projects from our institution as semifinalists in the Swadeshi Microprocessor Challenge-2020 (SMC). SMC is an initiative of the Ministry of



Electronics and Information Technology in collaboration with IIT Madras, CDAC, MyGov and MakerVillage to provide innovative solutions for AtmanirbharBharat. SMC was launched to provide innovative frugal solutions in public utility services and in strategic areas of space, Defence and Nuclear energy, using the industry grade microprocessors designed by IIT Madras (Shakti Processor) and CDAC (Vega Processors), powered by FPGA boards of Xilinx. The fact that VESIT is the only educational institution who could bag **three projects** among the **100 semifinalists**, shortlisted **from 6200 entries** is worth mentioning. Each semifinalist team has received free access to Swadeshi Microprocessor and FPGA boards and development funding of Rs. One lakh to develop a Minimum Viable Plan (MVP) / POC (Proof of Concept). The winning team in the finals has received cash prize of **20 Lacs INR** for startup and project expenses.

We are proud of our Alumni, who are also working as our ambassadors across the world. We are thankful to the alumni who have participated in the Alumni engagement initiative -V-Reach 21 days webinar which was very well received by our students. The areas that were covered by 37 speakers were new trends in Technology, Higher studies and Career Guidance, Research and innovations and Entrepreneurship development. We express our gratitude to our alumni who have donated 12 laptops to needy students of second and third year identified by the departments. A financial aid of Rs. 25000 was also given to the students from Alumni Association Fund. Another set of students received financial assistance from the Student Aid account of the institution.

We are proud of our students who won **1st prize of Rs. 1, 00,000** for Smart India Hackathon (Software). Two teams won the prizes for suggesting IT solutions for problems by the government of Puducherry and by the government of Madhya Pradesh respectively. Our students' team has reached the final stage of Smart India Hackathon (Hardware) for problem statement by NALCO.

Another interesting project, "Smart Devices to detect social distancing Violations" has been selected for the final stage of the National Innovation Contest organized by the Ministry of Education. Tuberculosis Association of India has provided a grant of Rs. 30,000 for a project in Machine learning application to TB database. We congratulate all the students and faculty members involved in these projects.

We congratulate the Placement team for the good placement record given the present pandemic condition. We are happy to inform you that for this academic year 73.2% jobs were offered to the registered students.

To give impetus to students who need to improve their competency in the English language and enhance their soft skills to prepare for job placement, a six-week program named 'Personal and Professional Achievement Program' was designed by Dr Geeta Ajit in collaboration with the alumni and conducted by the newly formed VESLang team for a group of fifteen students. We are also proud of our student council team, who has conducted all the regular events online and ensure that the morale of the students is kept upbeat in the difficult times.

Hope all of us will be able to meet physically soon.

Dr. J. M. Nair
Principal, VESIT

"Just because something doesn't do what you planned it to do doesn't mean it's useless".

-Thomas Edison

5. FROM VICE-PRINCIPAL'S DESK

VESIT takes pride in being able to impart holistic education to all its students. The vision of our institute indicates our dream of being able: “To create a vibrant knowledge-oriented environment with innovative teaching practices and to inculcate a tradition of socially conscious application of technology”. We are now, into the second year of the disruptive pandemic and I am proud to say that we, at VESIT, have lived up to our vision statement yet again! With Digital learning and E-Events being the new normal, VESIT has strode forward to reach new heights in these times of crisis. Digital transformation of education has led to innovative practises in remote learning opportunities for students and enabled teachers to create intriguing (virtual) experiences. But every challenge opens an opportunity and VESIT has grabbed this window of chance. We, at VESIT, are proud of the way we have leveraged existing digital platforms from the likes of Google classroom, Moodle, Microsoft Education and conferencing apps like Zoom etc. to provide a continual enriching engaging experience to our students. A series of digital events like Industry collaborated events, lectures on current topics by experts in the field, digital competitions and the like have continuously engaged the students during this pandemic times. Further, several E-Learning resource like MHRDs Swayam, NPTEL Virtual Labs, are all easily available to students at a click. VESIT was a part of the Coursera- Covid 19 initiative that saw thousands of our students and faculty take advantage of the huge treasury of Coursera courses, free of charge. This ensured that all our students were continuously engaged in world class learning from their homes. Many of our library resources like journals, newsletter have been made available to students to learn remotely, from the safety of their homes. Virtual Digital labs have been designed for almost all courses so that students do not miss out on laboratory learning.

As John Ruskin has said, “Quality is never an accident; it is always the result of intelligent effort.” At VESIT Quality is indeed the sum product of the endeavours of the Faculty, staff and, of course, the students.”

Wishing you all the very best. Be safe. Be healthy.



Dr. M. Vijayalakshmi
Vice Principal, VESIT

6. Ranking of Vivekanand Education Society's Institute of Technology



RE-ACCREDITATION OF UG PROGRAMS

- **ELECTRONICS ENGINEERING**
- **INSTRUMENTATION ENGINEERING**
- **ELECTRONICS & TELECOMMUNICATION ENGINEERING**
- **INFORMATION TECHNOLOGY**

BY

**NATIONAL BOARD OF ACCREDITATION (NBA)
FOR 3 YEARS (i.e. TILL JUNE 2022) (Tier-II)**



**India Rankings 2021 in
the RANK BAND of 251-
300 (Engineering) By
MHRD, Govt. of India**



Ranked in the band of 26th – 50th in ARIIA 2019 under Self-Finance / Private Institutions category.



V.E.S.

Since 1962

2021 EDUCATIONAL EXCELLIGENCE AWARD & CONFERENCE

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)





Institute Innovation Council (IIC) @ VESIT



Awarded **4 and 4.5 gold star rating** for the A.Y 2018 – 2019 and 2019-20 respectively.



VESIT in "The 10 Best Private Institutes in India, 2018"

By The KnowledgeReview Magazine Team. Published in India Edition Nov'18

EducationWorld India Private Engineering Institutes Rankings 2020-21 Survey (Without any Registration Fees or Sponsorship)

SURVEY WAS 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.

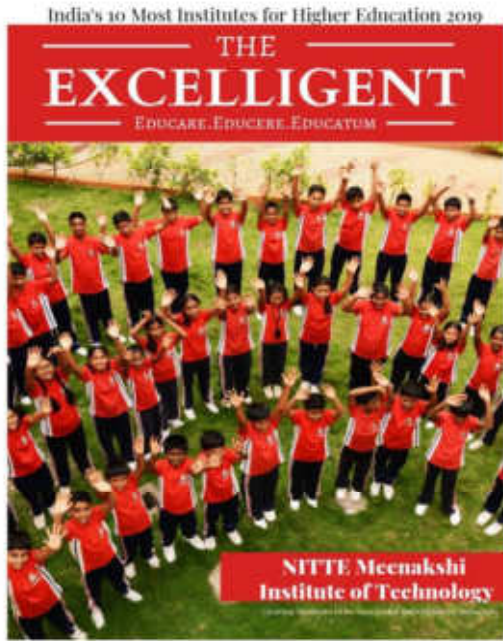
VESIT
has earned the
RANK-1 in Maharashtra State
in the year 2018, 2019, 2020



Rank		Maharashtra	Total score (2300)
India 2020	State 2020		
23	1	Vivekanand Education Society's Institute of Technology, Mumbai	1767
26	2	Bharatiya Vidya Bhavan's Sardar Patel College of Engineering, Mumbai	1757
27	3	Symbiosis International (Deemed University), Pune	1753
28	4	K.J Somaiya College of Engineering, Mumbai	1745
29	5	Laxminarayan Institute of Technology (LIT), Nagpur	1739
29	5	D.J Sanghvi College of Engineering, Mumbai	1739
36	6	Fr. Conceicao Rodrigues College of Engineering, Mumbai	1705
38	7	Universal College of Engineering, Vasai, Thane	1698
39	8	MKSSS' Cummins College of Engineering for Women, Pune	1696
39	8	Mukesh Patel School of Technology Management and Engineering (NMIMS University), Mumbai	1696
41	9	Shri Ramdeobaba College of Engineering and Management, Nagpur	1687
42	10	Vishwakarma Institute of Information Technology, Pune	1683



**RANKED IN RANKING SURVEY 2018 - 19
(Without any Registration Fees or Sponsorship)**



India's 10 Best Institutes for Higher Education 2019

In this issue Magazine present a few 'Leading Institutes' in India which are providing 'Quality Higher Education' and thrives to be the best in their field

(July - Aug 2019)



**VESIT ranking in Private Engineering Colleges by "THE WEEK"
THE WEEK-HANSA RESEARCH SURVEY 2020**



82nd RANK (All India)
18th RANK (West zone)
6th RANK ((Mumbai)

PROJECT SWECHCHA



Mr Guana William: Chief Internal Auditor of SUD, Trustee of SUD Life Foundation
Mr Abhay Tiwari: Chief Actuary and Joint President of SUD Life
Mr Rakesh Kumar: Company Secretary of SUD and Managing Trustee of SUD Life
Mr Rajesh Mourya: Manager, CSR, SUD Life
Mr Anand Jagtap, Ex MCGM - OSD Slum Sanitation Program

“Public-Private-User Participatory Model”
 proposed for monitoring of
Operation and Maintenance
of Public Toilets.

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

Swadeshi Microprocessor Challenge

V.E.S. Since 1962



VESIT is the only institute in **India** whose
03 projects have qualified in the list of **selected 100 projects** out of
6000+ projects
 Awarded with a cash prize of **Rs 1,00,000** and FPGA Board for MVP/POC
 development along with free access to Swadeshi Processor Ecosystem.

The winner team is **one of the 30 finalist**
 Only team from **Mumbai University** to reach finals
 Awarded a **total prize** amounting to
Rs 5 Lakhs.



VIVEKANAND EDUCATION SOCIETY'S INSTITUTE OF TECHNOLOGY, is participating in UBA and adopted following 5 villages of WADA – THANE District, Maharashtra for their development in collaboration with district administration.

1. AMBISTE KH
2. AMGAON
3. GARGAON
4. ASNAS
5. APTI



13th Intercollegiate/ Institute/ Department
Avishkar Research Convention 2018-2019
University Of Mumbai



**“Overall Championship (First Rank)”
in Engineering & Technology Category**



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

7. SCHEME OF STUDY

7.1 BACHELOR OF ENGINEERING (B.E.) (DTE CODE: EN3185)

The Bachelor of Engineering is a four-year course, which is divided into eight semesters. The first year (F.E.) course spreads over two semesters dealing with general engineering, common to all branches of engineering. The basic objective is to give elementary foundations needed in different aspects of engineering.

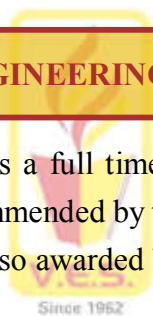
During the second year (S.E.) and third year (T.E.), students gain basic knowledge of their chosen branches. The final year i.e. fourth year (B.E.) is designed to strengthen the specialized skills which help the students to apply the concepts studied earlier by participating in project work. The subjects and the syllabus are as prescribed by the University of Mumbai.

7.2 MASTER OF ENGINEERING (M.E.) (DTE CODE: ME3185)

The M.E. Program comprises of four semesters with duration of two years. The courses are designed/prescribed by the University of Mumbai.

7.3 MASTER OF COMPUTER ENGINEERING (M.C.A) (DTE CODE: MCA3185)

Master of Computer Application (M.C.A) is a full time two-year PG course (four semesters). The course is conducted as per the syllabus recommended by the **University of Mumbai**. The examinations for all the four semesters and the degree is also awarded by University of Mumbai.



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

Note: -Admissions will be done **through CAP** (Centralized Admission Process) conducted by DTE (Directorate of Technical Education).

7.4 Ph.D. PROGRAMME

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 R&D Laboratory which is utilized by P.G. and Ph.D. students.

8. GRADING SYSTEM OF THE UNIVERSITY OF MUMBAI

Mumbai University introduced Choice Based System from the academic year 2016-17. All information about pattern and syllabus is available on Mumbai University's official web site www.mu.ac.in.

Salient Features:

- ✓ The final grade for B.E. Degree will be based on the average of all eight semesters. So each semester/each subject is important.
- ✓ Journal submission must be done on or before every term end.
- ✓ Two tests will be conducted according to the given model by the University for Internal Assessment of each subject. The average of the two scores of internal assessment will be considered as the final grade in the subject and will be printed in the final mark sheet. No re-test shall be held.
- ✓ Failing in eight heads in a year is the maximum limit allowed in the ATKT system. (Maximum five theory exams and remaining Practical/Oral/Internal etc.)
- ✓ Failure to submit the journal in any subject (even for a single subject) will result in detention (i.e. loss of one year). Admission for the next academic year is to be taken by repayment of fees.

9. TERM GRANT

Term Sanctioning (allowing the students to appear for the University examination) entirely depends upon the following: -

- ✓ Minimum of 75% attendance in all subjects.
- ✓ Satisfactory completion of all term work.
- ✓ Practical and Assignments as specified in Syllabus or as instructed within prescribed periods.
- ✓ General behavior of students, both inside and outside the classroom.

10. EXAMINATIONS

Every semester, the University of Mumbai conducts end semester examinations and two internal class tests are conducted by the college for every subject. The performance in these tests is considered for grade calculations as per the MU circular. The submission of term work in each subject should be taken very seriously. If a student fails to submit his/her Term or Sessional Work before the prescribed date, he/she will not be allowed to sit for the concerned examination.

11. USING UNFAIR MEANS IN THE EXAMINATIONS

During the examination, if a student is found either possessing any material (written or printed) with the intention of copying or actually copying, he/she is liable to be severely punished according to the rules laid out by the University. In such circumstances, a student may either be debarred from appearing for the entire examination or expelled from the University of Mumbai for a minimum period of three years as per the decision of "Unfair - Means Committee".

12. ATTENDING LECTURES/LABS

1. As per university 75% attendance is compulsory.
2. To monitor the academic progress as well as the overall development of our students, we nominate one staff member as a faculty adviser to whom a student can approach for guidance. For day to day functioning, class teachers and class counsellors are associated with each class. The students as well as their parents are welcome to contact either the class teacher/class counsellor or the faculty adviser any time during the session.
3. While the lecture or the lab is in progress, a student is supposed to keep his/her mobile phone switched off, failing to which severe punishment can be given.

13. INFRASTRUCTURE AND SALIENT FEATURES

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

- ✓ Sprawling Complex
- ✓ Equipped Library having 49596 books, 30 Journals, International Journal 2330 (IEEE, SPRINGER.,SCIENCE DIRECT), No of Books in Book Bank Facility (467 Books), Member of National Digital ,Library Pearson E-books Added in 2021 45 Titles
- ✓ Professional Societies
- ✓ Active Placement Cell
- ✓ Strong Alumni Association with Alumni Web Portal
- ✓ Conference Hall
- ✓ Seminar Halls
- ✓ Auditorium
- ✓ Music Room
- ✓ Spacious Canteen offering hygienic food
- ✓ Huge Playground
- ✓ Amphi Theatre
- ✓ Recreation Room
- ✓ Smart Class Rooms
- ✓ Seminar Rooms



Labs set up in collaboration with industries

- ✓ Automation Industry Association Lab
- ✓ Cloudera Big Data Analytics Lab, U.S.A.
- ✓ National Instruments Labview Academy, U.S.A.
- ✓ D Link Academy, National Instruments (U.S.A.), Bangalore
- ✓ e-Yantra-MHRD-IITB initiative
- ✓ Zonal partner with *leadingindia.ai*

14. FEE STRUCTURE

Click here for BE Fee Structure: <https://vesitadmissions.ves.ac.in/doc/11>

Click here for DSE Fee Structure: <https://vesitadmissions.ves.ac.in/doc/21>

Click here for MCA Fee Structure: <https://vesitadmissions.ves.ac.in/doc/31>

Click here for ME Fee Structure: <https://vesitadmissions.ves.ac.in/doc/41>

15. Institutional Distinctiveness

Click here for more information: <https://vesit.ves.ac.in/institutional-distinctiveness>

16. VESIT Best Practices

Click here for more information: <https://vesit.ves.ac.in/best-practices>

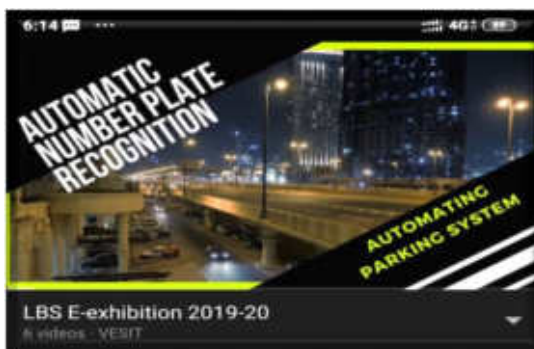
17. SPECIAL PROGRAMMES

17.1 LOOKING BEYOND SYLLABUS

LBS stands for “Looking Beyond Syllabus” Activity. It’s an Institute 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 in contributing to society by providing innovative and efficient solutions for today’s needs of the citizens. The competition is open for 1st year, 2nd year and 3rd year students of B.E and MCA who are interested in exploring and understanding technology. The competition in collaboration with IIC, was started by sending an email on 26th September 2020 to the eligible students for online registration for the project proposals. Form was open for students till 12th October 2020.



LBS-GR-1 Cisco Wirless Access + IOT Access and App Hosting



LBS-GR-5 Automatic Number Plate Recognition System

WINNER:

TITLE: Medicament (Online Unused Medicine Donation for NGOS)

Team Members: BY MS. ADITI SINGH (MCA, SEMESTER III) (TEAM LEADER)

Mr. Sushanth Chetipally, Mr. Siddhesh V. Dhamanaskar, Mr. Devang V. Chandivade, Mr. Mehul Jain

FIRST RUNNER UP:**Title:** DRISHTI-Exam Surveillance System**Team Members:** Omkar Mane, Advait Naik, Aditya Gurnani, Krish Amesur**SECOND RUNNER UP:****Title:** Poacher Detection**Team Members:** Divesh Hariani, Paras Gurnani, Omkar Mangalpalli, Jayesh Kriplani**17.2 AWAKENING THE SCIENTIST**

Awakening the Scientist is an opportunity given to the First year students to take the first step in the transformation of a student into a professional. It is a group activity. The objective is to identify the science, engineering, and technology concomitant with gadgets, equipment and tools used in day to day life and also to relate the past, present, and future of them.

17.3 SKILL ENHANCEMENT LECTURES

VESIT believes in giving its students an invigorating and vitalizing academic environment. The syllabus of Mumbai University is taught very efficiently by our faculty. An added edge is given to our students by inviting connoisseurs from the industry and research institutions. This endeavor is termed as ‘*Skill Enhancement Lectures*’.

17.4 TINKERERS’ LAB: STUDENTS’ SECRET TO CREATIVITY**17.4.1 TINKERERS’ LAB (ELECTRONICS, ELECTRONICS & TELECOMMUNICATION & INSTRUMENTATION)**

“It’s not about ideas. It’s about making ideas happen.” - Scott Belsky

The Tinkerer’s Lab at VESIT was started in the Academic Year 2015-16 with an agenda to improve technical skills of students through peer learning. It also aimed at using the available resources in the college optimally and to make judicious use of e-waste from various labs. It is currently operational in three departments viz. Department of Electronics, Department of Electronics and Telecommunication and Department of Instrumentation.

The successful journey started from the year 2015-16 were students organized Line Follower Robot Workshop and done Pooja Robot project



In 2016-17, Students worked on a project named Aerial Serving System Integrated with Android (ASSIA), which was selected in National Level Project Competition DST & Texas Instruments Inc. India Innovation Challenge Design Contest 2016 (TI-IICDC 2016). Also Won Second Prize at National Level NIYANTRA 2016 Competition for the project named SAPER (Semi-Autonomous Pipeline Exploration Robot).



In the Year 2017-18, 40 students joined Tinkerer's Lab and worked on about 18 Projects.



In the Year 2018-19 students named Saurabh Koturwar, Yash Patil, and Omkar Kajrolkar won Best Team Award in Deep Blue Competition organized by Mastek for Project Named "E- Clean



Students named Pitam Mali, Mahesh Kulkarni, Varad Tole, and Mugdha Sonawane won Second Prize with cash prize of Rs. 25, 000/- at Story of Makers for the project “Semi-Automatic Rooftop Solar Panel Cleaning Robot”

Facebook page for Tinkerer’s Lab <https://www.facebook.com/tinkerers.lab.vesit/>

17.4.2 TINKERERS’ CODE CELL

Objectives of Code Cell:

- To bridge the gap between academia and industry
- To inculcate research aptitude in students
- To introduce students to recent technology by means of workshops
- To make students compete in recent technologies through hackathons

Outcomes of Code Cell:

- Students learn to create applications w.r.t the standards needed by the industry
- Students learn to perform research and publish their findings
- Students inculcate the aptitude to find solution to problems with help of Ideathons and Hackathons

Important Events at Code Cell:

- SYRUS Hackathon sponsored by GitHub (Microsoft)
- WeTech Ideathon sponsored by GitHub (Microsoft)
- HacktoberFest
- Kaggle Machine Learning Competition
- Hands-On Workshops for Technologies like:
 - Machine Learning Workshops
 - IoT Hands-On Training
 - Web Stack Application Development using Django, React, Etc.
 - Mobile Application Development using Flutter
 - Python Programming

Sponsors



17.5 QUEST IT

Quest IT is a technical cell of Department of Information Technology, VESIT with a goal to provide a platform for students, programmers and developers of VESITians to learn, compete & have fun through various Technical and Non-technical Events.

The main aim of the cell is to help students and make them aware of the necessary techniques so that they can cope up with the Industry pace and be well prepared before stepping into their professional journey.

Through QuestIT our students will get first-hand experience of planning, conducting and providing support for technical events, tech talks, tech competitions and tech workshops which are currently trending and necessary.

17.5 VESIT ON COURSERA

VESIT is offering an opportunity to do free Coursera courses to Faculty, Lab Staff, Non-Teaching Staff & students. For students, three subjects per semester are selected and the respective Coursera courses have been identified by the department. Students were supposed to utilize the lockdown period to finish with these three courses.



The number of current members are 1982 with total 6948 enrollments in courses.

Click here for more information: https://vesit.ves.ac.in/additional_courses/coursera#overview

17.6 VESIT SWAYAM NPTEL LOCAL CHAPTER

NPTEL is the largest provider of MOOCs in India today, especially the Engineering stream, with a credible proctored certification exam that clearly qualifies and differentiates the learners who do these courses.

NPTEL offers self-study free courses across various disciplines, including a well-designed evaluation system in the form of assignments on a regular interval and optionally a certified exam at the end of the course, with a nominal fee. The courses are offered by the faculty of IITs, CMI, IIMs, etc.

To get IIT Certificate just qualify NPTEL Online Certification (NOC) Examination!

VESIT in partnership with NPTEL aims to provide this E Learning platform. VESIT was approved as a NPTEL Local Chapter in September, 2018.

18. MAJOR LABORATORIES

18.1 DEPARTMENT OF ELECTRONICS ENGINEERING

Basic Electrical & Electronics Engineering Lab

Laboratory courses conducted – Basic Electrical and Electronics Engineering, Electronic and Electrical Measuring Instruments and Machine. This Lab is equipped with 1-phase and 3-phase Motors, different types of Transformers, A.C. and D.C. Generators, Motors, Trainer kits for network theorems, analog and digital measuring instruments etc.



VLSI Design and Communication Lab

Laboratory courses conducted: -VLSI Design, CMOS VLSI and IC Technology. The department is a member of Cadence University Program; subscribed to cadence VLSI design suite, running on SOLARIS-8, on Sun V240 servers & Sunray 1g thin clients. This lab has been set-up with contributions from Sun Microsystems under matching grants program, for educational institutes.



Electronics Circuit Design & Analysis Lab

Laboratory courses conducted: – Basic of Electronic Circuits, Electrical Network Analysis and Synthesis, Electronic Devices and Circuits. This lab is equipped with sufficient number CRO, Function Generator, DMM etc. Softwares required for design and simulation of electronic circuits are also available.



Digital Logic Design Lab

Laboratory courses conducted: – Digital Circuit Design, Digitals System Design, Design with Linear Integrated Circuits , Computer Communication Network, Advance Networking Technology. Lab is equipped with software's for digital and analog circuit simulation, FPGA & CPLD training kits, Digital measuring instruments, Advanced Networking Technology etc. This Lab also extends support to the final year students for their Project Work.



Advanced Microprocessor Lab

Laboratory courses conducted - Microcontroller and Applications, Microprocessor and Application, Embedded System Design, MEMS Technology, etc. The lab is equipped with Pentium-IV (IBM) and HCL computers with latest software such as Proteus VSM, Turbo Assembler 6.1, Macro Assembler, Embedded C for AVR. All the electronic testing equipment are available, Digital Trainer Kits and Demonstration kits (RAM & ROM), Universal Programmer, Cards for ISA, PCI and different connectors are kept for better understanding of computer



architecture. Also lab is equipped with 8085, 8051 and 8086 boards along with ARM Cortex M based Microcontroller boards.

Power Electronics Lab

Laboratory courses on Industrial and Power Electronics are conducted in this lab. The Lab is adequately equipped with Test equipment for Power Electronic Devices & circuits, various demonstration kits & measuring instruments are available in this lab.



Electronics Workshop – PCB lab

Laboratory courses conducted: – Electronics Workshop, PCB Workshop. Lab Facilities – PCB Exposer, Film Exposer, Dip Coat Machine, Etching Tank, Drilling Machine etc. Students perform their Electronic Workshop project designing, testing and implementation in this lab.

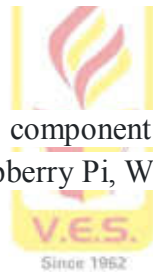


Project Lab

This lab is dedicated for various Project work for Second, Third and Final Year students. This facility is exclusive for projects so that students should learn various subjects through Project Based learning.

IOT lab

IOT lab is intended to provide all latest IOT component for related subjects. Also this lab is equipped with IOT components such as Arduino, Raspberry Pi, Wi-Fi Model, Zigbee model and IOT simulation software.



Robotics and AI Lab

It is a state of art facility to create awareness about various Robotics Technologies and Artificial Intelligence fields. This lab is equipped with 3D printer, Humanoid, mobile robots. This lab will nurture the environment of robotics through various Projects.

18.2 DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

TV, VLSI & Satellite Communication

Laboratory courses conducted: - Digital VLSI design, Linear Integrated Circuits (LIC), Digital Electronics (DE) and Satellite Communications etc. This lab is equipped with Computers and Professional Softwares like Xilinx Vivado 16.2, Mentor Graphics and hardware like Zybo FPGA kit, Analog discovery kit (Digilent), Papilio FPGA kits(Gadget Factory), Digital trainer kits, CRO, DSO, Function generators, Power supplies with various ICs required for LIC,DE subjects. This lab is also equipped with satellite trainer kits used for Satellite communication lab. Few Internship projects are also carried out in this lab.



Analog & Digital Communication

Laboratory Courses Conducted: - Digital Communication (DC), Principal of Communication Engineering (PCE), Neural Network and Fuzzy Logic (NNFL), Computer Communication Networking (CCN), Data Compression And Encryption (DCE). This Lab is Equipped with both Hardware and Professional licensed software facilities.

Major Equipments in labs are;- Digital Storage Oscilloscope (DSO), Cathode Ray Oscilloscope (CRO), Spectrum Analyzer , Function Generator , Signal Generator, DMM, Power supply, Computers (HCL,HP, DELL) and Various Analog and Digital Communication Trainer kits (Kitek, Edkit, Falcon/Akademika, Sciencetech , Sigma, DCL make)

Major software for students: - CommSim 7. Matlab R2016a, Netsim, Python, Cisco Packet Tracer, Wireshark. Libre office, Scilab, Net protector antivirus etc.



RF, Microwave & Antenna Communication Lab

Laboratory courses conducted: - RF Circuit Design, Microwave Devices and Circuits, Computer Communication Networks, Electromagnetic wave Theory etc. Lab is equipped with ZVH8 Handheld Cable and Antenna Analyzer with Spectrum and Network facility- [100KHz-8GHz] (Rohde and Schwarz), DSO- (Agilent, Aplab, Tektronix, Rigon), Spectrum Analyzer-50MHz (Hameg), Spectrum Analyzer- 3GHz (Agilent), Standard Signal Generators for RF-range, Network Analyzer-3GHz (Agilent), Transmission Line Trainer, Computers with latest configuration etc. Software like MATLAB, Ansoft, and PCADD are used for simulation.



DSP & IP open source Lab

Laboratory courses conducted: Odd semester subjects- Open Source Technology, Neural Network, Speech Processing etc. Even semester subject- Image Processing, Digital signal Processing Lab. Softwares used are Matlab, Python, Scilab, LTspice, SEQUEL, Xilinx using HDL. Lab is equipped with: License software is Matlab R2015a (8.5.0.197613) Basic with Image Processing Toolbox and Neural Network Toolbox



DLink Academic, Network & Wireless Communication Lab

Laboratory courses conducted- Mobile Communication. Softwares used are Netsim and Scilab. Even semester subject Wireless Network. Softwares used are NetSim and Scilab. License software is NetSim Academic 11.0 and Matlab Matlab2011b (8.5.0.197613) with Image Processing Toolbox and Neural network Toolbox. Specialized D-Link Types of equipment: D-LINK - L 3 Management Switch, D-LINK - Air Premier N Access point, D-LINK - Unified Access point, D-LINK - Wireless Controller, D-LINK - Unified Switch.



Optical fiber Comm & Network Lab

Laboratory courses conducted: - Optical communication, Telecom network management, Database management Theory etc. Lab is equipped with Optical Time Domain Reflectometer, Fiber optic kits, Computers with latest configuration etc. COMSOL multiPhysics (5.3) Software, Netsim academic (7.0), MATLAB (2011b) are used for simulation.



Innovation Lab & Tinkerer's Lab

Courses Conducted: - This is an innovation lab for Departmental projects as well as ME projects. This lab is equipped with computers and components required for projects. All projects from competitions are made here. This lab is basically made for helping the students to tinker with projects. Technical workshops and competitions are conducted every year by tinkerer's lab. All these workshops and competitions are run by students with aid from teachers.



Equipment in lab :- Raspberry pi 3b+ board kits including HDMi cables, Camera etc.(20 No.), Arduino Mega boards, Node MCU, DC motors, Soldering gun kits, DC batteries etc. This lab also includes a few MSP430 kits from Texas instruments.

PCB, Microprocessor/Microcontroller & Embedded System Lab

PCB Lab: - This Lab is equipped with a wide range of Equipments, devices and software, which helps the students to practice electronics circuit assembly and testing and also provides a deep insight into the world of electronics practice. It is the skeleton of applied electronics.



Microprocessor/Microcontroller Lab: - The purpose of this laboratory is to train the students to be familiar with the software and hardware of microprocessors/ Microcontrollers so that they can gain enough experiences to meet the demand of the microprocessor era. This Lab is equipped with Microprocessor kits (8086), Microcontroller kits (8051), Interface boards, Interrupt controller, Timer, ADC, DAC, Serial Communication, Stepper motor, Traffic control, Keyboard and display control , multimeter (digital), PC based interface, Oscilloscopes, Function generator, power supply, RS 232c cable & connector, Universal programmer, DSO.

Embedded system Lab:-This Lab is equipped with PCs (HP i5/HCLi3/Intel HCLCore 2 Duo 2.83 GHz, 4GB RAM, 500 GB HDD, USB port, HP optical mouse, keyboard, 17" LCD monitor), software packages, embedded processor development modules (STM32F401-Nucleo 64). Various types Electronic sensors & modules. Keil software for ARM processor, C Compiler, RTOS and target boards.

Electronic Devices & Integrated circuits Lab

This lab is specially equipped for second year students. The purpose of this laboratory is to train the students with hardware experiments and simulation softwares. Students can perform the experiment by mounting the components on the breadboard as per the circuit diagram and can check the output in the form of waveforms on CRO. Students can also verify the results of hardware experiments using computer simulation software like LTSPICE.

Laboratory courses conducted: - Electronics Devices and Circuits-I, Electronics Devices and Circuits-II, Television engineering (TV), Logic Design (for INFT), Electronics Circuits and communication Fundamentals (ECCF) (for computer).

Lab is equipped with CRO (with specifications- 30MHz two channel CRO), Frequency generator (3MHz), Power supplies (regulated dual power supplies- 0-32V, 3Amp and regulated dual power supplies - 0-32V, 2Amp with +12v, +5V/5A),

multimeters, bread-boards, Trainer kits and different types of electronic components like Resistors (of different values), Capacitors (of different values), Diodes, Bipolar Junction Transistors (BJTs like BC547, QN2222), Field Effect Transistors (FETs like BFW-11) which are required to perform practicals/experiment and mini-projects of related subjects. Lab is equipped with 14 computers (Core2 duo and HP i5) on which students can perform simulation of different experiments. Softwares required: LTSPICE (freeware).



18.3 DEPARTMENT OF COMPUTER ENGINEERING

All the computer laboratories are spacious and well equipped with the latest configuration and well networked machines.

Database Management Systems

A well-equipped lab comprising the latest computers installed with various Database tools & Servers like Microsoft SQL Server 2008, Oracle 11g, Visual Studio 08, Matlab R2015 Server and open source softwares like Netbeans, Turbo C, Java. The courses conducted are Database Management Systems, Distributed databases, Operating Systems.



Multimedia System

A dedicated lab that caters to requirements of Web Engineering & Multimedia with latest softwares like Maya 9.0, Adobe Macromedia Studio, Macromedia Flash, Dreamweaver, Autodesk 8.0 & Fireworks. The Lab typically caters to second year and third year subjects like Computer Graphics, Multimedia Systems Design, Systems Programming and Compiler Construction.



Microprocessor and Robotics

This lab is equipped with the Trainer kits of Microprocessor 8085, 8051 & Advanced 8086 Trainer Kits and several interfacing kits. The lab also houses computers with tools such as TASM & MASM. The courses conducted are Microprocessor, Digital Logic & Computer Architecture.



Analog & Digital communication Lab

The lab is equipped with Digital logic trainer kits, CRO, function generator, dual DC power supply, communication kits - AM, FM, TDM, PAM, PWM, PPM. The courses conducted are Digital Logic & Computer Architecture.



Networking

This lab aims to provide an environment that aids in effective learning of Networking & Mobile Computing concepts. Systems use the Linux Platform having several open source development toolkits such as Packet Tracer, NetSim Academic, Sun Java Wireless Toolkit, and Visual Paradigm along with Matlab R2015, Matlab R2017, Cloudera, CodeBlocks, Turbo C, and Scilab. The courses conducted are Computer Networks, System security, Digital Signal & Image Processing.



Object Oriented and Programming

To aid in proper understanding of System Design and programming concepts, this lab houses computers with several system design tools like Visual Paradigm, MS access, MS SQL Server 2008 and Eclipse Ganymede Arch Studio are some of the several software design tools. The courses conducted are Object Oriented Programming with Java, Software Engineering and Web Design.



SPECIALIZED LABS



Cloud Computing Lab

This laboratory caters to the final year course and has open source softwares like Open stack, OwnCloud, VirtualBox, XEN and KVM. These resources are used for various projects. The courses conducted Cloud Computing, Digital Signal & Image Processing.



Machine Learning & Big Data Analytics Lab

This specialized lab is for final year Elective courses Big data analytics and machine learning. It is equipped with the latest high end computers. Cloudera distribution for Apache Hadoop version 5.1.3 which comprises Hadoop, Hive, Pig, Hbase is used along with other open source tools like R, Malhout.



Project Lab I & II

This lab is used by final year students for their project work. This lab has several computers with softwares like MATLAB, Visual Studio 2010, Visual Paradigm, Turbo C, Neebeans, MS Project, Codeblock, Eclipse.



Project II - These labs have been specially provided for the students to perform their project work with several advanced computers with latest softwares like MATLAB, Visual Studio 2010.

MODROB Lab

Under (MODROBs grant – Ref No 12/AICTE/RIFD/MOD (Policy4) Pvt109/201213), this specialized lab is an extension of the Multimedia System Lab which is high end lab and includes 3-Apple Machines, 2 Aakash Tablets, 1 iPad and 1 Interactive kiosk under the AICTE MODROB Grant.



High Performance Computing Lab

The lab is equipped with high configuration GPU machines for heavy computational projects.

18.4 DEPARTMENT OF INSTRUMENTATION ENGINEERING

Process Automation Lab

Process Automation Laboratory is Equipped with Latest Technology Control systems including PLC'S with simulators along with SCADA software & DELTA V Distributed Control system from well-known industry brands like Allen Bradley & Emerson Process Management. This Laboratory facilitates students to learn Basic PLC Programming, PLC Panels and simulators, DCS Features, DCS based Control systems etc.

Process Instrumentation Lab

Process Instrumentation Laboratory is a state of the Art Experimental Facility made up of 14 pilot plant set ups. This was designed & developed, which enable students to identify the instruments & Control systems as well as to provide demonstration of working instruments to the students. This laboratory is utilised to study and understand various types of Processes and Role of Instrumentation involved in the same.



It also creates an Industrial Environment for the students to grow them with the Instrumentation utilization. Students can perform various supporting Instrumentation activities Like Calibration, Tuning, mounting, Troubleshooting, Loop Testing, checking which provide them Hands on Exposure to make them comfortable and answerable for their campus preparation. Laboratory consists of various Field Instruments like SMART Transmitters, Flow meters & Control Valves along with accessories. It is also equipped with Single Loop PID Controllers & Variable Frequency Drives.

Transducers & Sensors Lab

This is one of the Fundamental Labs which facilitates students to learn various sensors & Transducers used in Process & Factory Environment. Students can learn Testing & Performance characteristics using Calibrators. It also provides Hydraulic set up that allows studying Flow Measurement Experiments, Level Monitoring set up using various Instruments like Rota meter, Orifice / venturi meters & ultrasonic

Level Transmitter. Lab also has Dead weight Testers & Master Pressure Gauge to provide Testing of Pressure Gauges.

Biomedical /Analytical /Nuclear Instrumentation Lab

This Laboratory has been established to familiarize the students with capturing, analyzing and processing different bio signals. Physiology Lab kits are also used for training the students in the area of Biomedical Instrumentation. This lab is also equipped with sophisticated analytical instruments like Gas chromatography system and UV-VIS Spectrophotometer, for students to get hands on experience. Nuclear instruments like single channel analyser and pulse height analyser are available for students to perform various experiments on nuclear sources like cesium and cobalt.

Control Systems & Digital Signal Processing Lab

The lab is equipped with Pentium-IV (IBM) and HCL computers with latest software such as Proteus VSM, Turbo Assembler 6.1, Macro Assembler, Embedded C for AVR. All the electronic testing equipments are available, Digital Trainer Kits and Demonstration kits (RAM & ROM), Universal Programmer, Cards for ISA, PCI and different connectors are kept for better understanding of computer architecture.

Analog & Digital Lab

Laboratory courses on Analog & Digital Electronics are conducted in this lab. The Lab is adequately equipped with Test equipment for Electronic Devices & circuits, various demonstration kits & measuring instruments are available in this lab.

18.5 DEPARTMENT OF INFORMATION TECHNOLOGY

The Information Technology department aims to create a high quality academic and research environment, which empowers faculty and students to attain the highest level of excellence as professionals in the field of Information Technology. To achieve its aim, the Department has seven well equipped and spacious Computer Laboratories with more than 270 networked computers and support equipment like Servers, Printers etc.

Big Data Analytics Lab

A dedicated lab that caters to requirements of Big Data Analytics with the latest software with Microsoft (under dreamspark license), Visual Studio 2018, Apache Hadoop, Apache Spark, Apache Storm, MongoDB, R Programming Environment. The courses conducted are Big Data Analytics, Android application development, etc.



Database Management Systems Lab

A well-equipped lab comprising the latest computers installed with various Database tools & Servers like Microsoft SQL Server 2014 & MS Access, (under dreamspark license), and software like R Studio, Visual Studio 2018, Netbeans, Java, etc. The courses conducted are DBT /R Programming, Advanced Database Management System, Database Management System, DMBI, OS.



Software Engineering and Project Management Lab

A well-equipped lab comprising the latest computers installed with various Microsoft Softwares (under dreamspark license), Visual Studio 2018, Netbeans, Microsoft Project, Java, Linux, VM Player, etc. with wired and wireless LAN facilities. The courses conducted are DOL, END, IP, and SEPM.



Networking and Security Lab

Aims to provide an environment that aids ineffective learning of Networking & Mobile Computing concepts. Systems on the Linux Platform and several development toolkits for mobile computing are some of the features. It consists of Packet Tracer, NetSim Academic, Sun Java Wireless Toolkit, and Microsoft (under dream spark license). The courses conducted are Computer Networks System, Computer Networks, and WN.



Object Oriented and Programming Lab

To aid in proper understanding of System Design and programming Concepts, this lab houses computers with several system design tools like Visual Paradigm, MS Access, MS SQL Server 2015 Microsoft (under dreamspark license), Python, and Netbeans are some of the several software estimation tools. The courses conducted are Object Oriented Programming Methodology, AI, Python Programing, CCS, OS and COA.



Project Lab

One of the labs is exclusively reserved for final year students with high-end machines to work on their projects.



Specialized Labs

Machine Learning & Big Data Analytics Lab

This specialized lab is for final year Elective courses Big data analytics and machine learning. It is equipped with the latest high-end computers. Cloudera Distribution for Apache Hadoop version 4.4.1 which comprises Hadoop, Hive, Pig, Hbase is used along with other open-source tools like R, Mahout.

Advanced AI Cloud Computing Lab (Cloudera Lab)

This Lab caters to the final year course and has open source softwares like Open stack, OwnCloud, XEN, KVM, VirtualBox and Cloudera big data framework for Cloudera training program. Also the resources are used for various projects.

IOT Lab

One of the labs is used for IoT projects with an adequate number of components. This is a research platform exploring the potential of crowdsourcing and Internet of Things for multidisciplinary research with more end-user interactions. It gives the power to the crowd to be at the core of the research and innovation process. It gives the power to change the world and the way we understand it.

ME Lab

One of the labs is exclusively reserved for Master of Engineering students with high end machines to work on their Lab practical work and projects.

18.6 DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE

Artificial Intelligence, known as AI, and Data Science as DS, has become the two most important sought after technologies in today's time. Artificial Intelligence and Data Science is everywhere and there is almost an urgent need to collect and preserve any data that is being generated. This is why analytics is in the frontier of IT and has become crucial today as it aids in improving business, decision making and providing the biggest edge over the competitors. Building human-level thought processes through the creation of artificial intelligence (AI) is the state-of-the-art in Computer Science. Intelligent machines are influenced by emerging technologies, smart devices and sensors, computing power, faster data processing, huge storage and human-machine interaction capabilities.

With artificial intelligence and analytics being the talk of the hour, there cannot be a better time to get started with these technologies. The COVID19 pandemic outbreak has further increased the demand for data scientists thus learning data science skills, in the current situation, can present high employment chances.

Till now, the field of Data Science and AI has been a preferred choice for postgraduate programs; however, the increasing demand for data professionals is making it imperative for students to start early. And that's where an undergraduate AI and data science course can help.

Artificial Intelligence & Data Science Labs:

1. AI and Data Analytics Lab.
2. Object Oriented Programming and Data structure Lab.
3. Data Visualization Lab.
4. Natural Language Processing Lab.

18.7 DEPARTMENT OF HUMANITIES AND APPLIED SCIENCES

Engineering Mechanics / AutoCAD Lab

A well-equipped, fully AC & spacious lab as per the syllabus requirements in Engg. Mechanics and AutoCAD. The AutoCAD lab has total 35 PC (one student one PC policy is followed in practical duration). Each PC installed with AutoCAD 2017 provided by Autodesk Students version for the Institute. Projector teaching practice is used during practicals. It enhances effective learning of the subject. Engg. Mechanics lab is equipped with experimental set up as per the syllabus.



Engineering Physics

A spacious and well-equipped lab as per the syllabus requirement of Engineering Physics. We have a darkroom with spectrometers; traveling microscopes, Newton's ring setup, different gratings and light sources including He-Ne LASER, have Pt-Resistance thermometers and Photodiodes to perform many experiments related to Optics. The lab also possesses a set of crystal models, Hall effect setup, Hysteresis setup, photocell, ultrasonic distance meter, cathode ray oscilloscopes, energy band-gap measurement setup and super capacitors, to name a few.



Engineering Chemistry

Chemistry lab has adequate facilities like fume hood, exhaust fans to keep pollution free atmosphere in the lab. Lab is equipped with instruments like colorimeter, flame photometer which helps students to get exposure to these spectrometry techniques. Lab also has equipments like Redwood viscometer, Abels & Pensky Martin flash point apparatus along with Electric rectifier for electroplating, electronic balance & oven. There are sufficient storage cabinets for chemicals & glasswares. Chemistry experiments are planned based on the syllabus given in the curriculum.



C Programming Lab

A well-equipped lab consisting of Computers installed with Windows 7 Professional, Edubuntu 14.04 LTS, LibreOffice 4.1, LTSP (Linux Terminal Server Project), Code::Blocks 13.12, DosBox 0.74. This lab is dedicated only for C Programming Subject for First Year of Engineering (FE) students.



Drawing Hall

A well-equipped lab is 183.84 sqm. in an area with 540 approximately number of drawing boards and 66 drawing tables for students. The overhead projector and different solid shapes model along with the cut section are available at the drawing hall to sharpen their skills to understand the subject of Engineering Graphics.



Basic Workshop

A well-equipped lab is 245.41 sqm. in an area to perform basic workshop practices. As per the curriculum it is conducted in SEM-I and sem-II. Lab contains major equipment like wood turning m/c, welding equipment, drilling m/c, sheet metal work equipment. In two semesters sheet metal work, fitting, wood turning process, welding etc. are conducted.



18.8 DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS**Database Lab**

Laboratory courses conducted: – Database Managements Systems with SQL and database Programming with PL/SQL, Parallel and Distributed database, Data warehousing and Mining Concepts, Probability and Statistics lab etc. Lab is equipped with thirty Machines with i3 and i5 configuration etc. Software Oracle11g, SPSS11 (statistical package for the Social Sciences), Weka7 etc.

Programming Lab

Programming Lab Laboratory courses conducted: – Programing Concepts and C++, Programming and Data Structure, Computer Graphics, Object Oriented Concepts through Java , Web Applications through Servlets, JSP,EJB etc. Lab is equipped with thirty machines with Software like, Turbo C++, Java, Developer C++ etc.

Web Technology Lab

Laboratory courses conducted: – Computer Network Lab, Wireless and Mobile Computing etc. This lab consists of computers installed with Cisco packet Tracer, Visual Studio 2010, PhoneGap etc.

All the Labs are well equipped with the latest PC and High Speed and adequate Bandwidth Internet Connection.



19. INDUSTRY COLLABORATION

AIA (AUTOMATION INDUSTRY ASSOCIATION)



**System Demonstration by
Mr. Prasad Reverkar, Siemens LTD**

VESIT is the only technical institution in Mumbai, which is authorized by AIA (Automation Industry Association) to be a ‘Competency Development Centre’ for conducting course on “Industry Automation” as a part of its Campus Connect Initiative. The newly developed Integrated Automation Lab was inaugurated by Padmashri Dr. G. D. Yadav, Director, Institute of Chemical Technology, Mumbai on 2 March 2016.

NI LABVIEW ACADEMY

V.E.S. Institute of Technology has started NI LabVIEW Academy in collaboration with National Instruments (USA), Bengaluru on 9 July, 2013. This is the first of its kind in the Mumbai region. After completing this course, the participants will be able to appear for the CLAD (Certified LabVIEW Associate Developer) examination, conducted by National Instruments (NI), USA. The CLAD distinguishes basic proficiency in using NI LabVIEW to develop applications. The certification and course work conducted by the academy is useful for developing expertise in the LabVIEW environment for career advancement and employment opportunities. NI LabVIEW Academy will provide a strong platform for interaction with industries and R & D centres to undertake research projects. Under this academy, training programmes are conducted for UG and PG Engineering staff and students.



E-YANTRA LAB SETUP INITIATIVE (eLSI)

V.E.S. Institute of Technology is equipped with a state of art facility for Robotics, e-Yantra Robotic Lab under eLSI (e-Yantra Lab Setup Initiative). e-Yantra Lab Setup Initiative (eLSI) is an initiative by the IIT-Bombay under which colleges are encouraged to set up robotics labs. It is designed as a scalable and sustainable approach that addresses infrastructure creation and teacher training to create an ecosystem at the colleges to impart effective engineering education.



This facility is available to the students, so that they can focus on embedded system, robotics projects. e-Yantra Lab is equipped with Firebird V , Spark V , Qu-Bot robots, and various hardware, software platforms required to develop embedded projects. Every year 20-25 teams of students participate in Robotic competition.

ACCENTURE LAB

“VESIT-Accenture Innovation Centre” is a specialized lab developed in accordance with VESIT’s MoU with Accenture. This lab is used by Accenture to conduct their Head Start Foundation Program (HSFP)

for students selected through campus placement, faculty development program and other similar activities.

CLOUDERA LAB

The Big Data Analytics lab in collaboration with Cloudera provides a high end distributed environment for Big Data processing, through which training is provided in specialized area 'Hadoop' and projects are undertaken to apply the concepts using Cloudera tools. A six week course is regularly conducted for the final year students.

VESIT D-LINK ACADEMY LAB

D-Link academy at VESIT started on 1 April 2015. This academy trains students in batches which will equip them for better placement opportunities. As a part of this venture, a specialized laboratory is set up in the EXTC Department for wireless communication. Under this academy, our faculty members were trained by D-Link to conduct this course for our students. This is an excellent opportunity for our students to get industry certification in their own campus.

MICROSOFT CERTIFICATION

VESIT has recently signed up an MOU with ATS learning solutions for facilitating Microsoft certifications and arranging short term skill development workshops on Cross Platform Mobile Application Development, Internet of Things, and Cyber Security.

VESIT ADITYA JYOT EYE INNOVATION CENTRE



Inauguration of Aditya Jyot Eye Innovation Center on 21 August 2019

MoU was signed during the Programme.

Objective of MoU/ Responsibilities of the Parties

- ✓ To conduct research projects and publish the outcome of the research results in journals.
- ✓ Joint funding proposals and grants for collaborative research.
- ✓ Collaborating on innovative technologies and methods which can benefit society.
- ✓ Collaborating in workshops and educational conferences for the benefit of the clinical and engineering communities.

ORACLE ACADEMY

The program provides the tools educators need to engage, inspire, and prepare students around the world to achieve their dreams. As Oracle's global philanthropic educational program, it advances computing education around the world to increase knowledge, innovation, skills development and diversity in

technology fields. VESIT is an institutional member of Academy from November 2016 and more than 1000 students have completed certifications. Various courses like Oracle Application Express – Application Development Foundations, Database Design and programming with SQL, Programming with PL/SQL, Artificial Intelligence with Machine Learning in Java etc. are offered free of cost. They can also appear for paid professional certification

LeadingIndia.ai

As a new initiative in Academics and Research, VESIT has become one of the Zonal Lead Partners with LeadingIndia.ai, Nationwide Initiative. The mission of this initiative is to promote Deep Learning and AI skills mainstream in India, to fulfill the trilateral needs of entrepreneurship, Industry-academia partnership, and application-inspired Engineering Research. 30 Artificial Intelligence & Deep learning projects are identified and students are being encouraged to work for foolproof solutions.



20. RESEARCH AND DEVELOPMENT LAB

R&D Department undertakes various R&D projects from industries and works on various research problems for M.E and Ph.D. students in VESIT.

Some of the successfully completed R&D Projects are:

- “Electronic Radioactivity Simulator” in collaboration with BARC, which was funded by BRNS.
- “Analysis and Monitoring of Degradation of Insulation in H V Transformers” in collaboration with L&T.
- “Nuclear Detector Characterization” in collaboration with I.I.T, Mumbai.
- “Sensor network for Agricultural application” in collaboration with TCS and “Low level signal generation” signal processing circuit for Rogowski coil based integrator with low time constant in collaboration with L&T.
- Low level sensing (from 2mA onwards) in industrial environment, DC level shift correction for sensing true AC signal, Peak detection of low level signals in frequency range of 5KHz to 25KHz, High Speed Time to Amplitude Converter and Leakage detection using Fibre Optics with L&T.
- Simulation of shielding characteristics using GEANT4 (Software for simulation of nuclear data).

Our students are carrying out research work in the areas of:

- New Research Avenues in Low Level Signal Processing
- New Methods of High Performance Reconfigurable Analog to Digital Converters
- Investigation and Characterization of Partial Discharge Phenomena in High Voltage Equipment
- New methods for the Design of Nuclear Pulse Spectroscopy for Optimum Performance
- Research for changes in characteristics of optical fibres with changes in various Parameters like temperature, vibration etc.
- Advances in Timing Spectroscopy and Time of Flight Measurement
- Application of Kalman filter Techniques in Nuclear Data science
- Design and construction of precision and sliding pulse generator

Click here for more information: <https://vesit.ves.ac.in/rnd/projects?page=5>

21. COMMON INFRASTRUCTURE

LIBRARY

Our library has more than 49596 books and 30 journals of national and international level. The number of standard journals / magazines: National Journals -30, International Journal 2330 (IEEE, SPRINGER, SCIENCE DIRECT)

No of Books in Book Bank	467
CD's Available	3153

Library also provides:

Member of National Digital Library

Pearson E-books Added in 2021 45 Titles

- Internet and all e-journal access through college campus as well as off campus
- Open access facility for all
- IIT Library Membership
- Membership with NDL
- Best User facility for student
- NPTEL lecture facilities
- Best user get additional book facility



Along with technical updates via latest journals, students can also keep themselves abreast with the latest happenings in the world via newspaper, magazines and internet facility. The library is divided into two sections

Reference Books: - This section stocks recent editions of textbooks. Students can borrow one book at a time against their Library Identity Card. The books/journals in this section are meant for reading in the hall only. The previous year question papers of Mumbai University are also available in this section.



Lending Section: - Students can borrow two textbooks for one week from this section. A fine will be charged if the book is not returned within the given period.

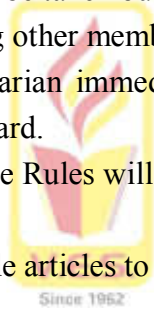
Events and Exhibition: Apart from managing library and its services, we have also tried to improve existing library facilities and also introduced various best practices which is very much required for students to see library not just merely a storehouse of books rather a unique learning resource Centre of the college. It is also important for libraries to engage users as much as possible in its activities.

Book Exhibitions

Best Library User Award

Students are required to abide by the following rules of the Library. Any violation of these rules will lead to a fine or punishment by the Principal.

- a. Every student must submit his/her valid identity at the entrance of the library and reading room. Ex-students of the college, who are members of Alumni Association, can also use the library facilities.
- b. Pencil or ink marking, writing on the pages or any other way of mutilating the books will be treated as library indiscipline. The reader will be held responsible until or unless he/she points out to the Librarian at the time of issue of the book.
- c. The reference books, journals, question paper sets, dictionaries etc. will be issued for reference in the Reading Room only and not to be taken out of the Reading Room.
- d. Students must refrain from disturbing other members in the Library and Reading Hall.
- e. The student should inform the Librarian immediately for any loss or damage to the books borrowed by him/her on the library card.
- f. Any other matter not covered by these Rules will rest at the absolute discretion of the Principal and Librarian.
- g. Students should not bring any valuable articles to the Library. If such things are lost, the Library staff cannot be held responsible for it.
- h. Students should maintain complete silence in the Reading Hall.
- i. Students should contact the Librarian if they face any problem regarding usage of library facilities. They should not argue with the staff on duty.



Language Lab

The Language Lab was set up in 2012 at VESIT to improve the communication skills of the students through the use of various innovative techniques and strategies while using the advanced software available in the lab. As Brian Tracy has rightly emphasized about the importance of communication in one's life, "Communication is a skill that you can learn. It's like riding a bicycle or typing. If you're willing to work at it, you can rapidly improve the quality of every part of your life". To enable the students to attain this expertise in the use of language, integrated skills of 'listening', 'speaking', 'reading', and 'writing' was strengthened and reinforced through special sessions conducted by the faculty in charge to empower the students to use it efficiently and effectively in their daily lives. There are two offshoots of Language Lab VESLit and VESLang Circle.

OTHER FACILITIES:**PROJECT ROOM**

Separate Project Rooms are provided for each department with the laboratory facilities and computers installed so that the students can carry out their project work even after the college hours.

**CANTEEN**

The college has a huge canteen, with modern kitchen facility, serving fresh and hygienic food which offers a multi-cuisine variety.

AUDITORIUM

Seminars and Students' presentations are held in the Conference Hall, which has a seating capacity of 250 students. It is equipped with a good sound system along with video and data projectors.

MUSIC ROOM

Music Room is well equipped with instruments such as Flute, Violin, Guitar, Tabla etc. Students can learn and practice after the college hours. Student Council wing "Bliss" (Beauty lies in Soulful Symphony) is in-charge of the Music Room and conducts music competitions and workshops for the benefit of students.

SPORTS

Life of an engineer is incomplete without any extracurricular activities. For a healthy body and mind, apart from the usual workload and stress, VESIT provides its students with a sporting extravaganza **SPHURTI**.



SPHURTI is an integral part of VESIT's history and it has been so since the beginning of VESIT.

- **Play ground:** 8177 sqm
- **Gymkhana and Recreation Room**
- **Outdoor games:** Football, Cricket, Volleyball, Basketball, Throw ball, Athletics, Discuss throw, Shotput.
- **Indoor games:** Carom, Chess, Table Tennis

GIRLS COMMON ROOM:

The college has a provision for girls' common room where the girl students can go for recreation during their free lectures.

AMPHITHEATRE:

The college has a splendid amphitheater where various events of different councils are conducted. It is used for all the major events of college like music, dance, freshers, farewells, literary events, drama competitions etc.

FACILITY FOR DIVYANG:

The college takes care of the needs of the special students by making provision of lifts, toilets, ramps, giving writers for exams and facilities for recreation like music.

22. TEACHING FACULTY AND ACHIEVEMENTS

VESIT believes that the faculty of an institution determines and immensely contributes to its success and in delivering quality education. The college is well known for its highly knowledgeable and immensely proficient teachers who conduct classes with full zeal and robustness. They have contributed greatly to impart quality education at our Institute. Each department also takes initiative to organize “Faculty Development Programs” for helping the teachers to apprise their technical knowledge which in turn helps them to deal with their subject and the projects in a professional manner. The staff members are also encouraged to acquire higher qualifications and enroll in various certificate courses related to their area of specialization.

During the year 2020-21, 10 staff members have received research grants from various Organization/Institutes, 75 conferences/books/books chapter & 52 journal publications in various International and National Journals and Conferences of repute.

Dr. Ranjan Bala Jain, Professor, Department of Electronics and Telecommunication has received a Grant-in-Aid of **Rs.911765/-** (Rupees Nine Lakh Eleven Thousand Seven Hundred SixtyFive Only) from AICTE under the scheme Modernization and Removal of Obsolescence (MODROB) for the year 2019-20 payable during the current financial year 2020-21. This fund is being utilized for the development of advanced wireless lab with high end equipment like Software defined radio and MIMO configurations.

22.1 Microsoft AI for Earth

AI for Earth is dedicated to deploying Microsoft’s deep investments in AI and technology in the four key areas of climate change, agriculture, biodiversity, and water. Through grants that provide access to AI, training and educational offerings, and investments in scalable, innovative solutions, and to build a more informed, sustainable, and resilient future. The ‘AI for Earth’ initiative awards grants to support projects that use AI to change the way people and organizations monitor, model, and manage Earth’s natural systems.

VESIT added one more feather to its cap as 5 staff members from the Department of Computer Engineering & Information Technology, were awarded Microsoft Artificial Intelligence (AI) for Earth Grant in the A.Y. 2020-21 & 6 staff members have received research grants from University of Mumbai/Non-Government Organisation.

22.2 Grant from Department of Atomic Energy (DAE) Government of India

Research Project titled “**Development of Methodology for Indian Evaluated Nuclear Data Library for applications in S & T**” under **Dr. (Mrs.) Jayalekshmi M Nair**, has received administrative approval and sanction of a total grant of **Rs. 17, 81,276/-** for 3 years beginning from financial year 2019-20, from Department of Atomic Energy (DAE), Government of India, based on recommendations of Board of Research in Nuclear Science (BRNS)

23. STUDENTS SOCIETIES/ COUNCILS/COMMITTEES

23.1 PROFESSIONAL SOCIETIES

A unique feature of VESIT is the fact that there are four Professional Societies totally managed by students under the supervision of Faculty In-Charges.

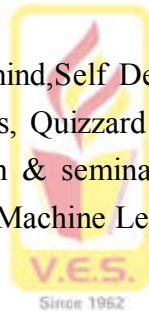
23.1.1 IEEE – INSTITUTE FOR ELECTRICAL AND ELECTRONICS ENGINEERS

“Excellence through Innovation” is what the IEEE-VESIT stands for in VESIT society culture. IEEE-VESIT gives its members ample opportunity to develop and inculcate their technical and soft skills, be it with theory, seminar or in practice via interactive workshops.

In-house Publication	“Innovations”
Symposium	“Melange’20”
Website	www.ieee-vesit.org

Activities:

Film it:, Roadshow, Case Closed, Mastermind, Self Defense Workshop , WIE Workshop, Android Workshop, Quizzard 1, Clash of Conquerors, Quizzard 2:, Online Treasure Hunt, Conflict, Android Workshop 2.0, Technical Paper Presentation & seminar, Save The Earth MUN, Cloud Computing Workshop, Game Development Workshop, Machine Learning Workshop, Galactic Shutdown, Article Writing, TROTA, SE Coordinators’ Event.



Galactic Showdown

This game tested participant’s mental skills as well as the ability to form an alliance



Galactic Showdown



Android Workshop

Android Workshop

The objective was to make attendees learn to develop applications using the latest operating system with practical implementation.

23.1.2 ISA– INSTRUMENTATION SYSTEMS AND AUTOMATION

ISA is a leading global non-profit organization that caters to the needs of over 30,000 worldwide members and other professionals. ISA-VESIT student chapter is well rooted with the International Organization. ISA-VESIT chapter exposes its members to the upcoming competitive world and tries to give them an edge over the others when it comes to practical knowledge through various events and seminars. Having conducted wide range workshops and fun events over the years, ISA-VESIT decided to take another step forward in the field of technical development by implementing a 6 domain structure under which the society would function. The six domains were Web Designing, Data Analytics, Embedded Systems Hardware, Embedded Systems Software, Process Automation, and Process Maintenance. With this new initiative, ISA-VESIT plan to become interdisciplinary and cover all the aspects of engineering in a wholesome way.

In-house Publication	“Envisage”
Symposium	Engauge
Website	www.isavesit.org

Activities:

Build and Hit, BE and Beyond, Crack the code, Raspberry Pi Workshop, Arduino Workshop, Tinker’s Lab, PLC Workshop, WEB Development Workshop, Bluetooth Communication Workshop, Analogues Electronic Workshop, Wireless Sensor Network Workshop, Field Programmable Gate Away Workshop, Image Processing Workshop, 3D Printing Workshop, Workshop, IoT and Wireless Sensor Networks, 3-D printer inauguration, Image Processing, App Development workshop, Intercollege Events-Aayam, SYMPOSIUM “Engauge”.



Technical Paper Presentation



Students enthusiastically participating in Conflict

23.1.3 CSI– COMPUTER SOCIETY OF INDIA

The CSI VESIT stands for ingenuity, innovation and versatility. CSI-VESIT aims to give its members an added dimension to technology by keeping them abreast with the rapid advancements in the wide arena of technology. It is one of the most active student societies with the objective to accelerate student expertise in the field of technology. The CSI-VESIT student chapter has been retaining the award of The Best Student Chapter for the past seven years. It includes a plethora of technical events and educational workshops. The council works on improving the quality of interaction with each one of its society members.

In-house Publication	“Random Thoughts” and “Nexus”
National Board	“Communications”
Annual magazine	“Interface”
Symposium	“Impact”
Website	www.csi-vesit.org

Activities:

Java Workshop, Code Knights, Sherlock and Watson, The Amazing Race, Powers of two, Brainiac, Code Unscramble, Found the Flaws, Cypher Tension, Quizmasters, Bob the Builders, Hidden Cipher, Ode to Training, Github Workshop, IRC Workshop, Hidden Cipher, PHP & MySQL Workshop, Bootstrap Workshop, Python workshop, LAN gaming, Placement Talks, Cricomania, Linux workshop, Laravel workshop, SE Coordinators’ Event etc.



23.1.4 ISTE–INDIAN SOCIETY FOR TECHNICAL EDUCATION

VESIT-ISTE chapter’s objective is to bridge the gap between the curriculum and the industry’s requirements by giving students a platform to hone their technical and non-technical skills like overall personality, reasoning and presentation skills.

In-house Publication	“Mirage”
Symposium	“Synergy”
Website	www.iste-vesit.org

Activities:

GRE Workshop, Instagram using Python Workshop, Technical Debate, Dalal Street, Notice the Unnoticed, Machine learning Workshop, Photoshop, Technical debate, Notice the unnoticed, Group discussion etc.



23.2 COUNCILS

23.2.1 CULTURAL COUNCIL

The Cultural Council has been organising events over the years that bring together fun, knowledge, creativity, innovation and freshness in all aspects of our life. The events usually bring out the creativity of the students' college life by having competitions catering to acting, filmmaking, singing, dancing and all the various contemporary art forms. The events are like:

PRARAMBH

Prarambh is an event hosted for welcoming the freshers of the undergraduate and MCA courses. Right after the election the preparations for PRARAMBH began. It starts with the event Treasure Hunt and literature events followed by various performing art events. The following activities are included:

1. Meme Challenge (Online Challenge)
2. Spoof It
3. Poster making
4. Collage making
5. Graffiti making Cultural Workshops
6. Artists assemble
7. Personality contest
8. Group dance

**UDAAN**

As a new academic year commences in VESIT, the Cultural Council, comes into existence and kick starts with their very first event, i.e, the Freshers' Party for the very own first year students. It is named Udaan. The council comes up with creative ideas for the same out of which one theme is selected. The entire event then revolves around this theme including the events, dress codes and the decorations. This event gives the freshers the first opportunity to showcase their talents in college. Potential candidates for other college competitions coming up in the recent future are identified. This is a field for the students to bond with each other and unite together as a class. The first year students prove to be a batch full of talent and enthusiasm and are able to grab all the opportunities given to them with impeccable response and performances. Points are given to students on the basis of their performance in different events and games, and the class with the maximum points wins the "Best Class" award. Other awards like "Mr. and Ms. Freshers", "Best Dancer", etc. are given to the most deserving students.

ILLUSION

Illusion is a cultural event with the objective of promoting intra-college bonding and identifying the most phenomenal talent in the institution. Illusion provides a grand arena for students to compete with each other and unlock individual potential. The council discovers a unique formula for a fun filled event which demands excellence from the participants. The Illusion team extensively scouts the institution for 6 prudent and qualified team leaders who face each other to bring home the championship trophy. The teams work tirelessly to identify the most promising talents from the institution by a series of auditions and interviews, with the team leaders monitoring closely. A fierce auction sees the team leaders lock horns with each other in the battle to find the perfect medley of members for their team. The auction process results in the formation of 42 members in each team led by 6 formidable leaders in portfolios of Music, Dance, Drama, Literature, Visual Arts and Aesthetics. After a fierce competition one of the six teams emerges as the winner. With innovative events planned for each portfolio Illusion is certainly an event to remember for years.



GANESH MAHAPUJAN

Shree Ganesha, our most awaited guest bestowed his blessings upon us. This festival is also celebrated in our college. After the Ganpati holidays, we continued the Ganpati celebrations by keeping a Ganesh MahaPujan in the library of VESIT. The cultural council joined hands in making Ganesh Chaturthi special by taking special efforts for making delicious prasad like Sheera, Sev-bundi for the entire VESIT family. 1962



UTSAV

Utsav is an annual college event conducted in March. In Utsav the events are conducted branch wise. These competitions are conducted for Juniors and Seniors separately. The Junior group consists of FE and SE while the Senior consists of TE and BE. During Utsav, the students who have participated in inter college events are felicitated and given awards. During Utsav the council conducts more than 30 events based on literature, Dance, Music, Drama, Art, Technical knowledge, Speaking skills, etc. UTSAV is one of the most awaited event of the year as it consists of days such as Traditional day, Branch day, Suit day, Chocolate day and Mismatch day. Utsav is the last cultural event wherein students showcase their talent and collect memories that they will cherish forever.



VESIT Dance Crew

The VESIT Dance Crew (VDC) is a team of the students who manage to uphold their legacy by securing top positions at various dance competitions in the academic year.



VESIT Drama Club

The VESIT Drama Club is a team of the super talented students who represent the institution in a host of inter-college drama competitions including national competitions. Cultural Workshop for First Year students is conducted during their induction by the Dance Crew and the Drama workshop is held by the VESIT Drama Club.

23.2.2 MUSIC COUNCIL

Every music enthusiast will agree with Leonard Bernstein on the power of music. Keeping up with this spirit of music, the Music Council for the academic year 2019-20 headed and came up with two major events in the odd semester where the whole college turned into a musical fiesta with just music resonating all around.



Octaves 20

Octaves is a music fest which was organized by the Music Council of VESIT. There was tremendous participation in this festival. Slay it don't spray it: This was a fun event conducted by the music council so that people can enjoy and also learn about music.

Voice of VESIT: This was the most competitive event for Octaves '20 where singers all around the college competed for the title of "Voice of VESIT" The final participants had to go through 3 extremely difficult rounds which tested their musical ability on different standards. The other events conducted were Guess the Song, Solo Instrumentals and Battle of Bands. The winners of all the different events and competitions were awarded with trophies and certificates by the LOOK band. Department wise "Musical Flashmobs" were held during Octaves'20.

23.2.3 SPORTS COUNCIL

Sports Council has been working tirelessly throughout the year mainly for their two grand events: Sphurti Indoor and Sphurti Outdoor conducted in the odd and even semesters respectively. Being the most active Council ever, it is naturally quite popular since the hype is always present, and lack of participation is rarely a problem for this Council since year after year, the best players come back to reclaim themselves, and newbies are given a chance to prove themselves and hone their skills.

Indoor Sphurti: Indoor Sphurti is conducted in the Odd semester of the academic year as the playgrounds are not in good condition. So, we keep the players engaged and interested in the indoor

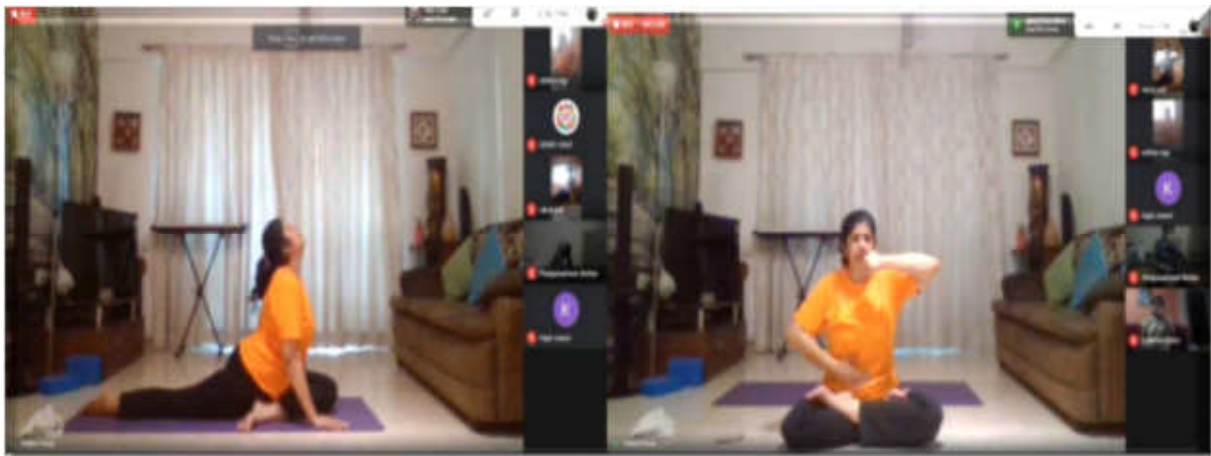
games. This year, the events included in Indoor Sphurti were Carrom, Chess, Table Tennis and Futsal. This year, for the very first time, it was open to students of FE and FYMCA.

Outdoor Sphurti: Outdoor Sphurti is conducted in the Even semester of the academic year. It is open to all students of VESIT. The competitions are conducted differently for different batches. Students of FE and FYMCA compete against each other for the title, on the other hand, students of SE, TE, BE, SYMCA and TYMCA compete with each other for the victory title.

This year the sports council also conducted yoga sessions for the newbies during their induction program.

Online Yoga Session

The event of VESIT SPORTS COUNCIL, 'Online Yoga Session' was held on 18 October 2020 at 5pm on Google Meet platform. Around 50-60 students participated in the session. This session was taken by Mrs. Pallavi Pawar. She is VESIT 1990 Instrumentation Graduate Alumni. She has done diploma, 3-year bachelors and also 2 year master in Yogashastra. She has also done her graduation in Pranic Handling using the integrated approach of Yoga. Her main interests are Teaching, learning Yoga and alleviating mental health in Youngsters. The session starts with Mrs. Kajal Jewani ma'am (Assistant Professor from CMPN Department) introducing Mrs. Pallavi Pawar to all the attendees.

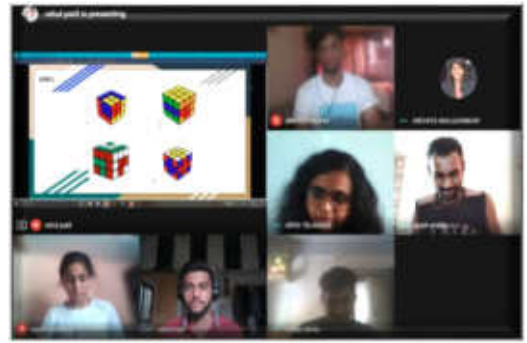


The students were educated about the importance of Yoga and they were told the benefits of all yoga Asana. On the first day of Invinia i.e on 18th November 2020, VESIT Sports Council in collaboration with VESIT Music Council had arranged a few events for faculty members in which faculty members participated with full enthusiasm and they enjoyed it a lot.



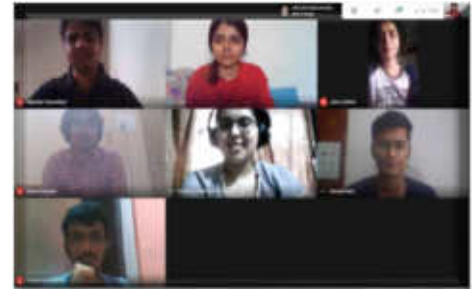
RUBIK’S CUBE: Participants solving the Rubik’s Cube It consisted of three rounds, where in round 1 they had to make two colours on the cube. Next in round 2, they had to make two patterns which were given by us on the cube. Lastly, in the final round they had to complete the whole cube.

For different games different council members were appointed.



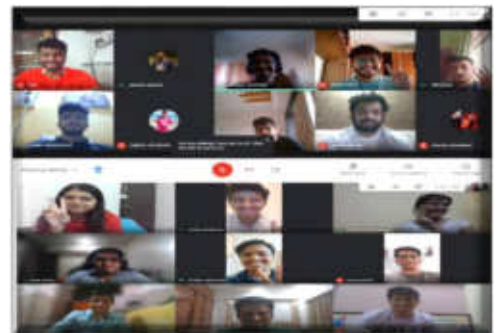
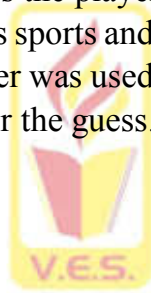
2048:

In 2048 participants had to play 2 stages, in first stage they had to make as high score as possible. In the second stage they were asked to make 512 in the game twice within the time limit of 3 minutes.



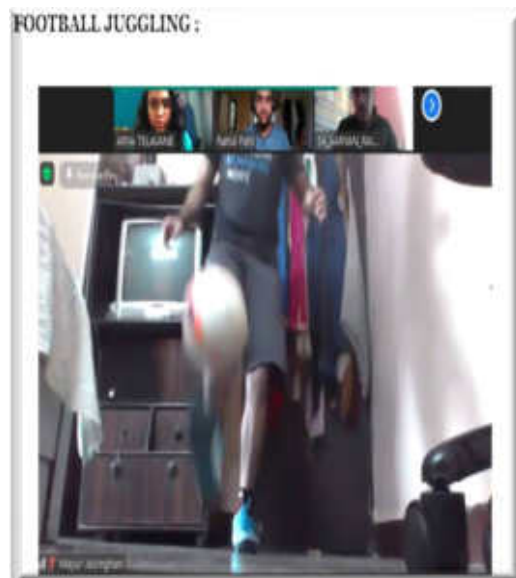
GUESSIT

In GuessIt, the participants played 2 different stages, in the first stage the participants had to guess the player and in the second stage a moment from various sports and they had to guess what happened next. A buzzer was used, one who pressed it first was the first to answer the guess.



PICTIONARY:

In Pictionary one of the participants had to draw their words and others had to guess the word, the one who guessed most right was the winner.



23.3 Social Responsibility Team (SoRT)



“When times get tough, we don’t give up. We get up.”

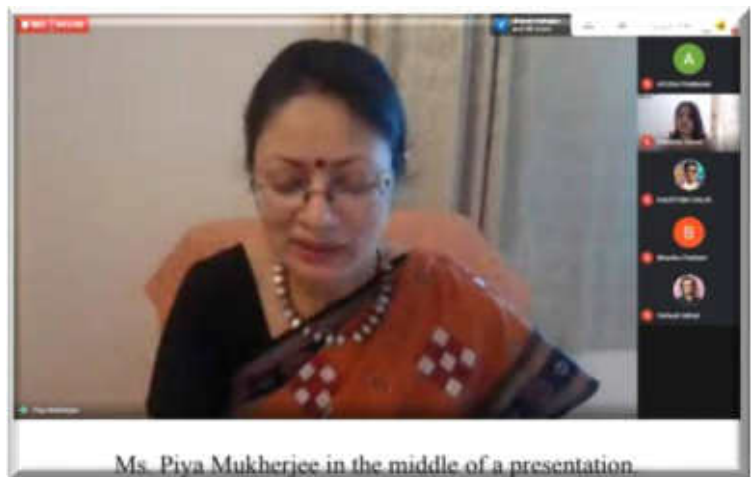
- Barack Obama

In the wake of a global pandemic, when the whole world is entrenched in the bunker of physical isolation, only kindness and ingenuity can revive us to remain grounded and imbibe the bolstering sunlight piercing through the canvas of chaos. In 2020 SoRT has tried its best to keep the spirit of “doing good” alive.

1. “HAPPY EQUILIBRIUM”: 10th, October 2020

“What mental health needs is more sunlight, more candor and more unashamed conversations.”

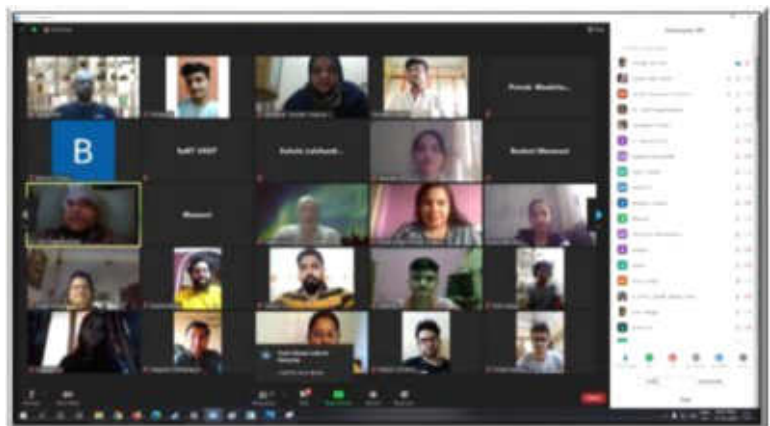
SoRT VESIT in collaboration with VESLARC held a webinar session “Happy Equilibrium” on the occasion of World Mental Health day. The speaker was Ms. Piya Mukherjee, the lead-trainer at VESLARC with 18 years of experience in the areas of ethics and values in business, intercultural competence and life skills.



Ms. Piya Mukherjee in the middle of a presentation.

2. PLATELET DONATION AWARENESS WEBINAR: 17th, October 2020

SoRT VESIT in collaboration with TATA Memorial Hospital and Gunvati J Kapoor Foundation presented “Save a Life” a platelet donation awareness webinar. Doctors from TATA Memorial Hospital spread awareness about platelets and the need for platelet transfusion.



3. CODE FOR CHANGE: 17th-19th, November 2020

SoRT with the VESIT STUDENT COUNCIL in collaboration with CODECELL under Invincia organized an unique hackathon. The problem statements were provided by the NGOs-Freedom for You, Human Team Foundation, HOPE everywhere and Global Parli Foundation, which dealt with the cause the specific NGO, was working towards. The entire competition took place on Google Classrooms and Google Meets.

4. MENTAL HEALTH AWARENESS WEBINAR: 18th, November 2020

SoRT with the VESIT STUDENT COUNCIL under Invinia organized a “Create your identity- Freedom from limiting labels” webinar in collaboration with VESLARC.

5. REGARD BEFORE YOU DISCARD: 20th, November 2020

Approximately 100 million pieces of plastic waste is becoming non-biodegradable litter every day. And hence to promote the habit of repurposing waste SoRT VESIT with the VESIT STUDENT COUNCIL under Invinia held a submission event “Regard before you discard”. The green rangers submitted a lot of innovative designs like lamps made from plastic pens, old cups made into candles and many more things.



6. TALENT-AID AN OPEN MIC FUNDRAISER: 20th, November 2020

SoRT VESIT with the VESIT STUDENT COUNCIL under Invinia conducted VESIT’s first online Open Mic where the talent from our college came to perform and the audience donated to the NGO Kshamata via a ketto website made by SoRT.



7. MENSTRUAL HYGIENE AWARENESS WEBINAR: 21th, November 2020

SoRT VESIT with the VESIT STUDENT COUNCIL under Invinia collaborated with The Myna Mahila foundation to conduct a webinar on menstrual hygiene. Dr. Shraddha Kale Kapile discussed the myths surrounding menstruation and even discussed personal stories from her childhood.



8. CHESS FOR CHARITY: 21th, November 2020

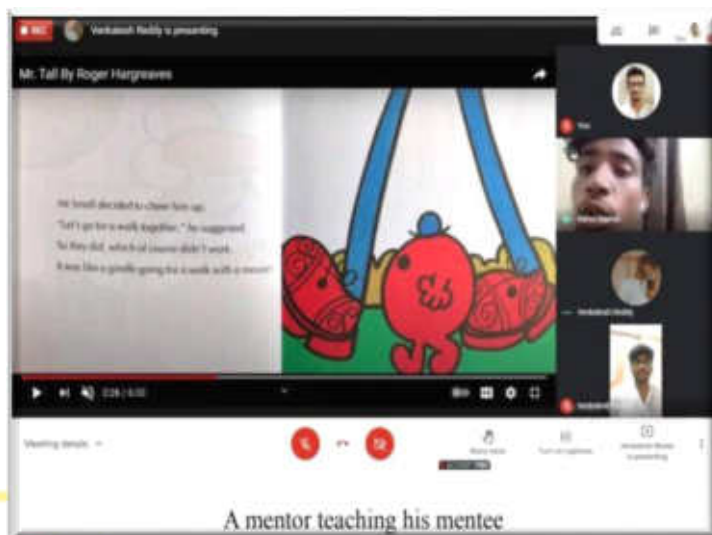
The chess wizards of the college came together for good and competed in the event Chess for Charity, which was conducted by SoRT VESIT with the VESIT STUDENT COUNCIL under Invincia.

9. Changing habits webinar: 27th March, 2021

“Mental health is not a destination but a process. It's about how you drive, not where you're going” SoRT with VESLARC organized a "Changing our habits" webinar on the 27th of March.

10. Project Saksham

Project Saksham, one of SoRT-VESIT's most admirable projects, was an initiative brought in collaboration with We Change org. where we had the opportunity to mentor underprivileged youth from the age of 13- 21yrs and teach them the basics of communication and help them be proficient in the English language. The project lasted 6 weeks, where each mentor individually taught a mentee over google meet for 3 hours per week. Apart from the council members many other students volunteered to teach, SoRT is extremely grateful to all the 23 volunteers.



11. U&I Transforming Lives: 2nd April, 2021

“Real change in the society must start from an individual initiative.”

SoRT-VESIT had the opportunity to introduce the students of VESIT with a chance to make a difference in this world with U&I. U&I is a volunteer-driven organization that believes in building communities of change and impact the lives of underprivileged children across India, to positively transform their future through high-quality education.

12. Poster making: 1st April, 2021



23.4 CIRCLES

23.4.1 VESIT PHOTO CIRCLE (VPC)

*“There is one thing the photograph must contain, the humanity of the moment.” -
— Robert Frank*

VESIT PhotoCircle is a group of students who come together for their love and passion for photography. The best photographers in VESIT are drafted through ‘Recruitment Drive’. VPC captures memories throughout the events in the academic year and share them on their Facebook page. They also conducted a PhotoWalk. VESIT PhotoCircle is a small family in the big community of VESIT. Various events conducted by the College, the Cultural Council, SORT Council, the Sports Council, the Music Council, and the VesLit Circle have been covered by the VESIT PhotoCircle.

VPC also organizes an informative and visual context-based photography workshop for the members and is open for all the students of VESIT.

WORKSHOP AND PHOTOWALK

With the aim of helping students to learn, enhance and understand the ideology behind the art of expressing stories through pictures. A photowalk was conducted on 9th March 2019, starting from CSMT station to the various heritage sites of Mumbai CSMT area.



23.4.2 VESLit

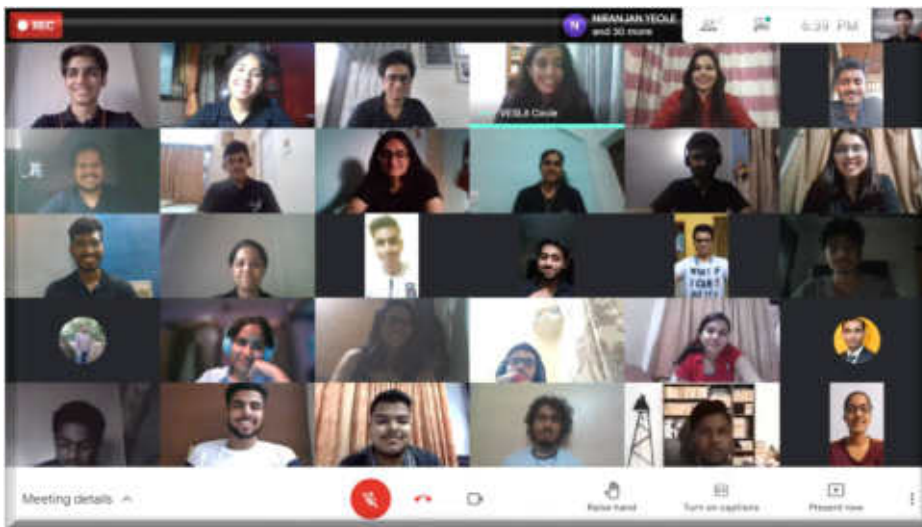
VESLit Circle, was established as an extension of the language lab, to give further impetus to students who have great love and interest in English language and literature. While the activities in the Lab focused on improving the communication skills of those students who required assistance at enhancing their competency in the language.



Since its inception in 2015, every year, VESLit Circle holds its Annual Literature Fest, The VESLit Week, which marks a week-long extravaganza, that includes online events like,

- Story writing
- Micro-fiction
- Poetry competitions
- Poster Making
- Essay Writing
- One Act Play
- Debates
- Elocution
- Quiz
- Mock parliament
- Films
- Game of Shows
- TTT

This fest has become one of the most popular events in the institute, and probably among the very few bodies which have events held in collaboration with establishments like **The Union Bank of India** and **The Times of India**. The popularity of VESLit week can be witnessed by the huge number of students who participate actively in all the competitions. These events help the students to not only build their courage to **speak in public with confidence and poise, but also develop their critical thinking and nurture leadership skills.**



23.5 VESIT RENAISSANCE CELL

In the academic year 2015-16 VESIT has come up with ‘VESIT RENAISSANCE CELL’ (VRC) with the mission, “To Suggest and implement innovative schemes to afflux VESIT for achieving academic excellence.”

23.5.1 VESIT SUMMER AND WINTER INTERNSHIP

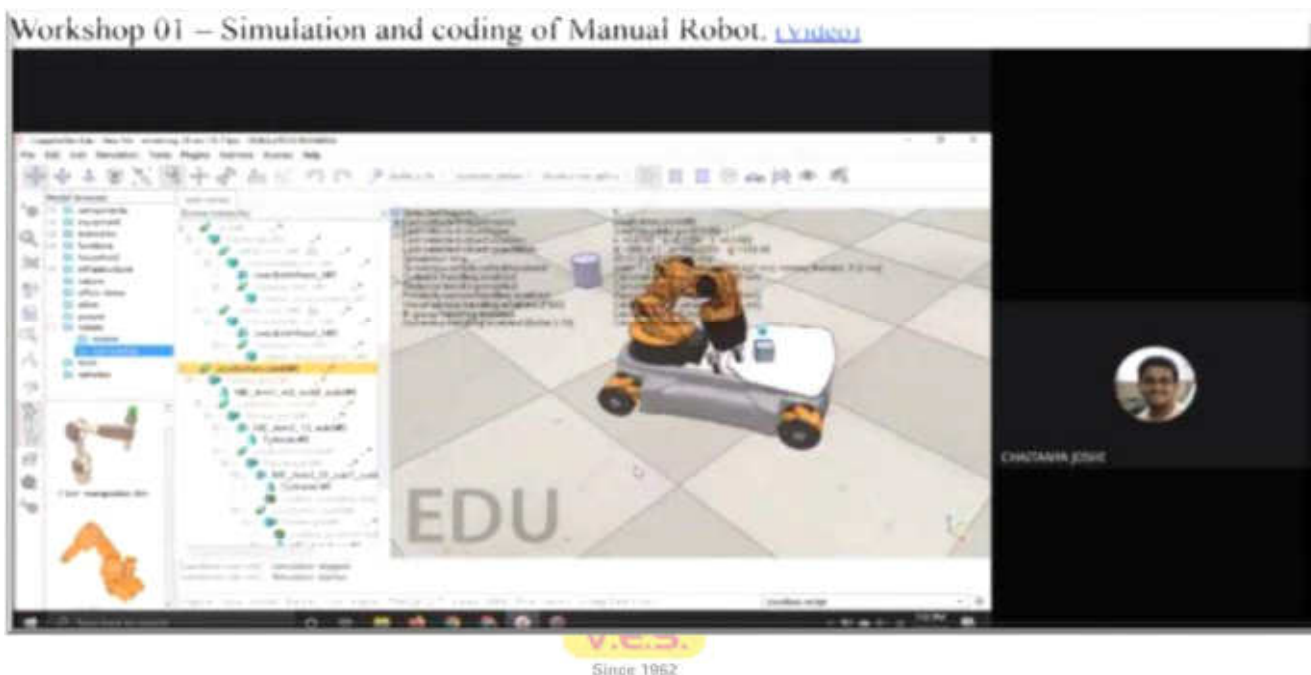
The Internship aims to provide practical experience to the VESIT students, and the job was assigned to VESIT Renaissance Cell (VRC). In the summer Internship conducted by VRC during 2019 of 75 students successfully completed internship. The winter Internship conducted by VRC during Dec 2018- Jan 2019 more than 80 students were selected for internship.

23.5.2 MICROSOFT CERTIFICATION

VRC has coordinated Microsoft certification at VESIT facilitated by ATS. Three different courses were offered: Cross Platform Mobile App Development, Cyber & Mobile Security and IoT.

23.5.3 E PRAXIS

e-Praxis' 21 was conducted by VESIT Renaissance Cell (VRC) in association with VESIT –IIC and VESIT-IQAC. This year, due to Covid'19 Pandemic Praxis is switch to e- Praxis. All technical events were held online. e-Praxis' 21 was held on 21st - 22nd April 2021, with the Pre e-Praxis'21 events were held on 17th -18th April 2021.



VESIT HACKS

A 30 hour hackathon titled VESIT HACKs was conducted in association with Institute Innovation Council (IIC), under the umbrella of Praxis'19 - VESIT's annual TechFest. The event was held on 22nd and 23rd September 2019. The primary agenda of VESIT Hacks was to assist all the students with an opportunity of getting an excellent practice of working and collaboration standards for the events like Smart India Hackathon, Google Summer of Code etc. 53 Teams enrolled with a total of 28 participants. Assessment was done on the basis of the Technologies Used and Team Collaboration. Students had a great learning experience and explored a lot of new technologies.



23.6 VESITConnect

VESITConnect is the monthly newsletter of our institution which has been dedicatedly working since September 2015 to keep the college connected. The motto towards the team's determination is to keep

the students, staff, management and the alumni abreast with the various events happening in the college, and also to keep them informed about the upcoming events. The newsletter captures all the joy and excitement around the college.

23.7 INSTITUTION INNOVATION COUNCIL

VESIT has joined hands with MHRD's Innovation Cell (MIC) to systematically foster the culture of Innovation amongst all Higher Education Institutions (HEI) and encourage, inspires and nurtures young students by supporting them to work with new ideas. MIC has envisioned the creation of a network of 'Institution's Innovation Council (IICs)' across selected HEIs in India. VESIT has been granted permission to establish the IIC in 2018 (VESIT-IIC). Based on the exclusive performance in the conduction



Inauguration of VESIT IIC

of various events and activities in 2018-2019 MHRD has awarded 4-star certificate to the VESIT-IIC. In the year 2019-20 VESIT IIC hosted various events like a MHRD innovation contest, Mega Challenge SAMADHAN, COVID-19 Competition, Smart India Hackathon and many e-Sessions on IPR, Entrepreneurship, Innovation, Angel Investors delivered by Entrepreneurs and Startups, including numerous India First Leadership Talks with Shri Anand Mahindra, Chairman, Mahindra Group, Dr. Anand Deshpande, Founder & CMD, Persistent Systems Ltd, and many other successful entrepreneurs and leaders across India.

23.8 VES LEADERSHIP ACADEMY AND RESEARCH CENTRE (VESLARC)

To be successful in today's world of severe competition and stress, it is necessary to have the attitude and positive thinking. At VESIT, the students are helped by the specially appointed faculty of VESLARC to develop a strong personality with leadership qualities.

23.9 SPICE



SPICE was formed, with an aim to bridge the gap between the college syllabus and the placements. It conducts aptitude tests, sessions by experts and ex-students to make students understand the aptitude level of dream companies as well as prepare them for such placements. It also aides in honing their overall personality by giving them an impetus to speak with confidence through activities like GD and debate sessions and prepare them for the future corporate world.

23.10 OTHER EVENTS AND ACTIVITIES

Annual Day

Annual Day is a cultural extravaganza, which is a complete event management exercise for our students under the supervision of our faculty. Annual prize distribution is also held on the same day.

Teachers' day

The College organizes Teachers' day celebration for staff members every year. Teachers completing 20 years of service are felicitated on this day.

Technology Day

On Technology day, VESIT organizes project exhibition and poster competitions for final year and pre-final year students. Students actively participate and demonstrate their research ability as well as get to know the advancement in technology. This day is celebrated in the memory of our founder trustee **Shri. K. B. Mansharamani**.

VES Premier League

This is organized by a group of Football enthusiasts from our college in collaboration with other VES members. VESIT's premier football tournament, the VESIT Premier League returned with its fourth season this academic year.

VESIT Cricket League

This is similar to the VESIT Premier League but for all the cricket lovers of VESIT. VESIT Cricket League returned this academic year with its third installment. The league consisted of eight teams and all captains were from the third year. The captains initially battled it out in a scintillating auction round. The teams were named after iconic cricketers.

Engineers' Day

Every year 15th September is celebrated as Engineers' Day marking the birthday of Sir Mokshagundam Visvesvarayya.

National Science Day

National Science Day is celebrated in India on 28 February each year to mark the discovery of the Raman effect by Indian physicist Sir C. V. Raman. For his discovery, Sir C.V. Raman was awarded with the Nobel Prize in Physics in 1930. To commemorate this day, **VESIT conducts activities like debates, quiz competitions, exhibitions and lectures that involve both students and teachers. All programs and activities revolve around a theme selected, and this year the theme was 'Women in Science'**.

The teachers, along with the VESLit Circle came up with the idea of a Debate Competition. Debate is an academic activity that gives students a creative room to express what they feel.

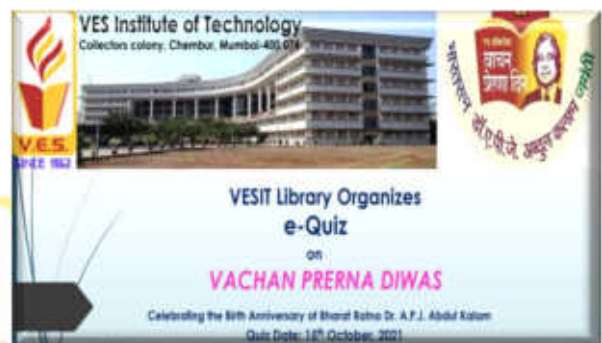


Vachan Prerna Diwas

On 15th October 2019, the birth anniversary of the former President and The Missile Man of India, **Dr. A.P.J. Abdul Kalam**, VESIT celebrated the “**Vachan Prerna Diwas**” in association with the Free Press Journal. Various books authored by Dr. Kalam and other legendary authors were displayed in the library. A rangoli was also made in the library to honor our former President, Dr. Kalam. The Library Department has conducted the National Level Quiz on Vachan Prerna Diwas.



Three VESITians were awarded the “**Best User Award**”. They were selected based on their interest in study beyond the curriculum which was reflected in the usage pattern of the books of the institute library. Certificates were handed over to the awardees by Dr. (Mrs.) J. M. Nair, Principal.



The Republic Day

The Republic Day honours the day the Constitution of India came into effect as the governing document of India. V. E. S celebrated the 71st Republic Day at its Degree College ground. The Chief Guest on this propitious occasion was V. E. S. Executive Secretary, Smt. Padma Vaswanithe, and Dr Lobo was the special guest.



Shri Satyanarayan Maha Pooja

Piousness and reverence filled the atmosphere as Shri Satyanarayan Pooja was performed for the worship of Lord Vishnu, the highest being who is an embodiment of Truth. The pooja began at 9.30 am in our college on the 24 February 2020, with the room festooned with garlands and flowers which beautified the surroundings and raised the spirits of the devotees. The rituals were performed by Mrs. Neeta Chavan and her husband.

23.11 UNNAT BHARAT ABHIYAN

The Mission of **Unnat Bharat Abhiyan** is to enable participating higher educational institutions to work with the people of rural India in identifying development challenges and evolving appropriate solutions for accelerating sustainable growth. It also aims to create a virtuous cycle between society and an inclusive academic system by providing knowledge and practices for emerging professions and to upgrade the capabilities of both the public and the private sectors in responding to the development needs of rural India. Under the UBA program, our institute has adopted a cluster of five villages namely **(1) Gargaon (2) Apti, (3) Asnas, (4) Ambiste Khurd and (5) Amgaon in Wada Taluka, District Thane**. Unnat Bharat Abhiyan team sent 4 proposals for villages (Aamgaon, Ambiste Kh, Gargaon and Aapti) under "**Technology development proposals**" in academic year 2020-2021. Estimated costing of each proposal was **Rs.1, 00, 000**. Our college got a fund of **Rs.50, 000** on the date 01/06/2021 for the proposal "**Surya Sakshamta: Pragati Ka Sulabh Marg**" out of 4 proposals. Village where it is to be implemented: **Ambiste Kh, Tahsil- Vada, Dist- Palghar, Maharashtra, India**.

Team members of UBA team: **Dr. Gresha Bhatia, Mrs. Indu Dokare and Dr. Sushil Dhuldhar**
Coordinator of UBA team: **Mrs. Manisha Joshi**



Unnat Bharat Team
Visited- Gargaon, Apti, Asnas, Ambiste Khurd and Amgaon in Wada Taluka, District Thane

23.12 EK BHARAT SHRESHTHA BHARAT

The idea of a sustained and structured cultural connection between denizens of different regions was mooted by Prime Minister Shri Narendra Modi during the **Rashtriya Ekta Divas** held on 31st October 2015, to commemorate the birth anniversary of Sardar Vallabhbhai Patel. In his view, mutual understanding and trust are the foundations of India's strength and all citizens should feel culturally integrated with all corners of India. In line with this vision of our Prime Minister, **Ek Bharat Shreshtha Bharat** Cell has been formed, under which Department of Higher Education, MHRD and AICTE has partnered institutes from two different states to work in unison towards this vision country. Our institute,

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

SAUR URJA BHARAT on 24th October, 2020



Dr. Chetan Singh Solanki of the Energy Swaraj foundation sharing his thoughts on the importance of solar energy

ESSAY WRITING COMPETITION under ESBS from 4th - 10th September 2020

Topic: **'Impacts of COVID 19 on Humans and Environment'**

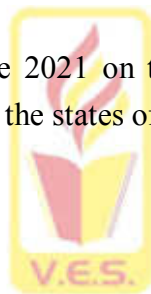
LANGUAGE AND CUISINE on 19th September 2020

The idea behind organizing this event was to bring about a cultural exchange between the states of Maharashtra and Odisha.

A WEBINAR "Equipping yourself for the COVID 19 Era"

By IMI in association with **Isha Foundation & VESIT** on the occasion of **7th International Yoga Day**.

THE PANEL DISCUSSION on 19th June 2021 on the topic is 'Restoration of our Collapsing Ecosystem' to assess the current situation in the states of Maharashtra and Orissa and find suitable Solutions for the ecosystem restoration.



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

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

"Three(03) proposals are still in process.

24. Achievements

Other than in-house events, the Institute also makes sure that the students are allowed to participate in various inter-collegiate events/cultural festivals as it helps them to develop and enhance their talents without affecting regular studies.

24.1 Smart India Hackathon

Smart India Hackathon (SIH) is World's Biggest Hackathon. The first edition of SIH was started in 2017. VESIT has started with its glorious success in SIH since 2017, the first edition itself.

It's a proud moment for VESITIANS to celebrate the success at National level Smart India Hackathon for being winners for consecutive four years.

In SIH 2020, four teams were shortlisted and two teams won the prize.

In SIH 2019, eight teams were shortlisted and six teams won the prize.

In SIH 2018, six teams were shortlisted and three teams won the prize.

In SIH 2017, two teams were shortlisted and one team from VESIT won the prize.

Smart India Hackathon 2020

Three teams from the department of Computer department and one team from Information Technology are **shortlisted for the Grand Finale SIH 2020.**

Team Mentor:

Dr. Anjali Yeole, Mrs. Mannat Doultani
Department of Computer Engineering



Students: Ankush Shetty, Gayatri Patil from Third Year and **Stevart Lobo** from Final Year Computer Engineering.

Prize money of Rs. 1, 00, 000/- was awarded to them.

Team Mentor:

Mr. Amit Singh
Department of Information Technology.

Students: Ujala Jha, Gayatri Belapurkar, Gaurav Sahu, Abhishek Kaudare from Third Year and **Sagar Ganiga** from Final Year Information Technology.

Prize money of Rs. 1, 00, 000/- was awarded to them.

Smart India Hackathon 2019



**Winners of Smart India Hackathon 2019
Software Edition**



**Runners-up of Smart India Hackathon 2019
Hardware Edition**

24.2 Swadeshi Microprocessor Challenge 2020

The Swadeshi Microprocessor Challenge - 2020 is organized by the Ministry of Electronics and Information Technology, Govt. of India in collaboration with C-DAC, IIT Madras, MyGov and MakerVillage under #AatmaNirbharBharat Abhiyan. VESIT was the only educational institute to have a total of 3 teams to enter the semifinals. The 03 semi-finalist teams have been awarded with the cash prize of Rs 1, 00, 000 and FPGA Board for MVP/POC development along with free access to Swadeshi Processor Ecosystem.

The winner team received the fourth prize award of Rs 20, 00, 000/- (Out of 30 finalists, 19 were start-up and 11 from educational institutions). Earlier, as a selection in the 30 finalists, the team had received a cash prize of Rs.4, 00, 000/-.



The winner team comprises of **Dr. P. P. Vaidya (Mentor), Mrs. Asma Parveen I. Siddavatam and Mr. Ajit T Patil**



Semi Finalist

	Team Mentor	Team Members
Team 1	Dr. P. P. Vaidya	Mrs. Asma Parveen I. Siddavatam and Mr. Ajit T Patil
Team 2	Dr. P. P. Vaidya	Mr. Gopalakrishnan N and Mrs. Lekshmi Ajesh Kaimal
Team 3	Mr. Mrugendra Vasmatkar	Mr. Paarth Arkadi, Mr. Vaibhav Ghaisas, Mr. Amogh Gajre and Mr. Shubham Singh

24.3 E-YANTRA

VES Institute of Technology setup eYantra Robotics lab in 2014 in collaboration with IIT Bombay. eLSI (eYantra lab Setup Initiative) is state of art facility availed to students for developing Robotics, Embedded system based projects. Its objective to create a practical outlook to help students recognize problems they observe and solve them using a little robot. eLSI also trains teacher on different robotic Platforms.

eYantra conducts two main competitions every year . eYRC (eYantra Robotics Competition) and eYIC (eYantra Ideas Competition)

eYRC 2020 Finalist Among Top 30 Teams



eYIC 2020 Regional Finalist



24.4 ASEAN-India Hackathon

Yash Mate (D17B) and his team **won the ASEAN-India 2021 Hackathon** organized by the Ministry of Education in collaboration with the Ministry of External Affairs during 1st Feb to 3rd Feb 2021 . It had participants from 10 South Asian countries excluding India. The problem statement was Blockchain in Logistics.



Team

<https://www.notion.so/ASEAN-Hackathon-Team-42-6f65e9b99a3547a7af8192d424190cb1>

Reference

<https://www.ndtv.com/education/first-asean-india-hackathon-concludes>

24.5 AVISHKAR

Avishkar Research Convention is organized by the University of Mumbai. It is designed to develop a research culture and scientific temper among the students, scholars, teachers from undergraduates to the Doctoral level in the state of Maharashtra.

From the last 4 year, teachers from VESIT are excelling at Avishkar under teachers category.

A.Y 2020-2021

Student team has received SILVER MEDAL WINNER in 15th Inter Collegiate/Institute/Department Avishkar Research Convention.

A.Y 2019-20

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

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.

A.Y. 2018-19

Overall Championship (First Rank) award for the college in Engineering and Technology Category. Prof. Asma Parveen I. Siddavatam has bagged Silver medal (2nd position) at State level. Pro. Ajesh Lekshmi won at Inter University level university at State level. Prof. Kadambari Sharma has secured 3rd rank at University level.

Project Name : Multi-Functional Detachable Applications For Drones

Tema Name : Dronevolution

Mentor Name : Mrugendra M Vasmatkar

**SILVER MEDAL WINNER
IN
15th Inter-Collegiate/Institute/Department
Avishkar Research Convention: 2020-21
UNIVERSITY OF MUMBAI**



25. GREEN CAMPUS INITIATIVE

Tree Plantation



Vivekanand Education Society emphasizes integrating planet-friendly and socially harmonious practices into the lives, hearts, and minds of our students and staff members. Various initiatives are taken by college to conserve and protect our environment.

In order to conserve and save energy the college has commenced the practice of keeping air conditioners and lifts off every Wednesday. Along with it in the canteen also the college restricts the use of plastic cups, spoons etc. The Social and Responsibility team of college through its various activities makes considerable efforts to play an active role in safeguarding the environment. Plastic collection and e-waste drive was also conducted. Trees are also planted every year by the college authorities for

safeguarding the environment.

Plastic Waste Elimination Drive

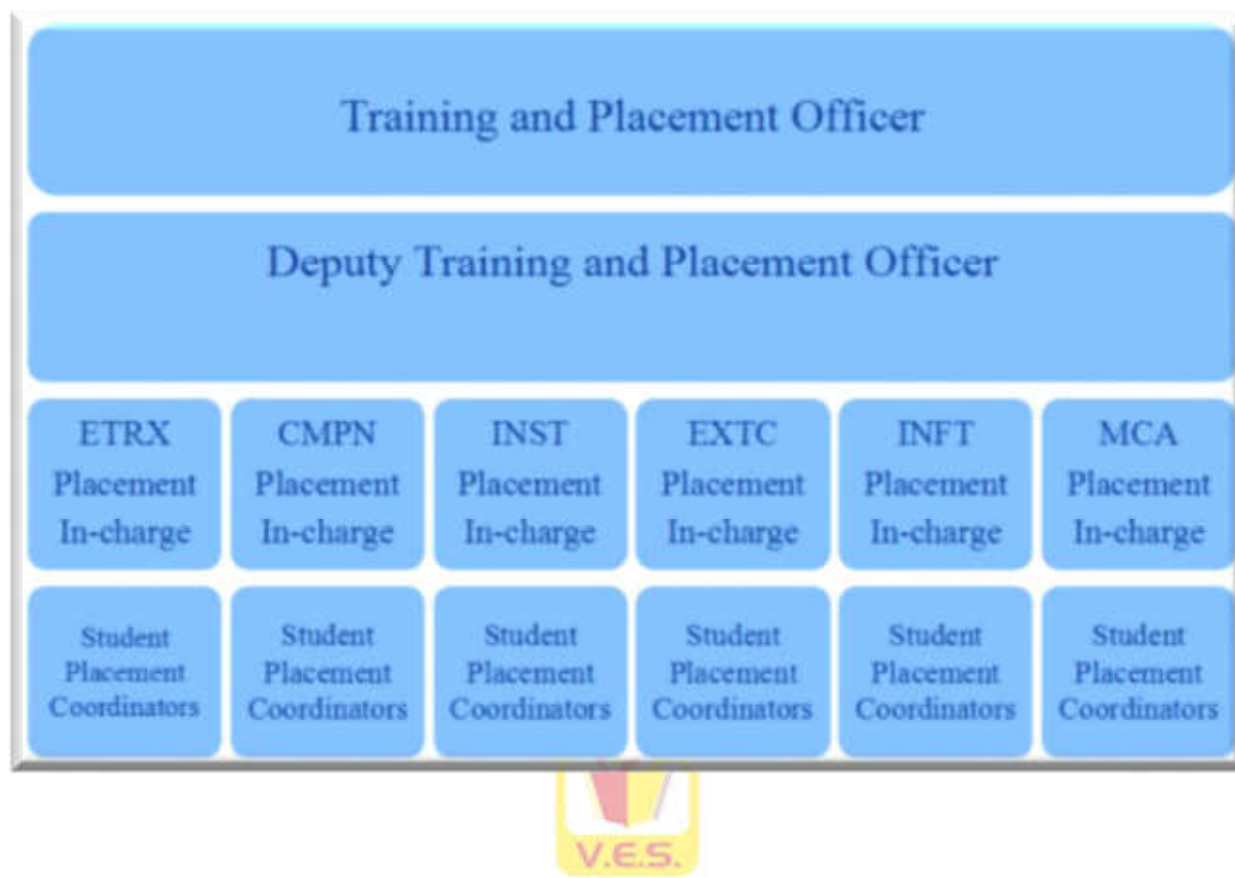
Plastic waste elimination drive was conducted in Vivekanand Education Society's Institute of Technology on 30th September 2019 and 31st January 2020 respectively. The prime objective of this campaign was for the students to grasp the impact and individual can create on our planet earth. The humongous amount of plastic waste collected from in and around their household and get it to college so that they could be sent it for recycling. They managed to collect a whopping 200 kg of plastic which was sent for recycling with the help of Jay Foundation who assisted them in the drive.



Plastic collection drive in association with Jay Foundation for recycling of plastic waste

26. CAREER GUIDANCE, TRAINING, PLACEMENT & ENTREPRENEURSHIP CELL

Training and Placement Cell Structure



Training and Placement Cell Activities

Year	Activities
I YEAR	Inputs during Induction
II YEAR	Eligibility, Employability, impact of CGPI Contents of Resume and Building your Resume
III YEAR	Mock tests and Placement Readiness Workshops, Interaction with Final year students
IV YEAR	Interaction with alumni / companies. Online mock aptitude test

Important Link: <https://vesit.ves.ac.in/placements/statistics>

27. VESIT ALUMNI ASSOCIATION

The Annual VESIT alumni meet was held on 21st December, 2019. The Alumni Day is organized to strengthen the relationships of the ex-students with the college and the teachers. The last year also marked the Silver Jubilee celebrations for Batch 1994. The function was presided over by the trustees, Shri. B.L. Boolani, Dr. Lulla, Advocate Shri. Kannan, Vice Principal - Dr. Mrs. Vijaylakshmi, Mrs. Saxena, VESIT Alumni Committee members, Heads of Departments and Deputy Heads of Departments. The distinguished Alumni award was received by Mr. Jayesh Kirange, Director of a Hedge Fund Administration and Consulting company SS&C Globeop, who has completed Chartered Financial Analyst (CFA by CFA Institute) and Financial Risk Manager (which is FRM by Global Association of Risk Professionals) after graduating from our institute.



Mr. Jayesh Kirange receiving the Distinguished Alumni of 2019 award from Shri Boolani sir



VESIT Alumni San Francisco chapter

Alumni have participated in the **Alumni engagement initiative -V-Reach** 21 days webinar which was very well received by our students. The areas that were covered by 37 speakers were New trends in Technology, Higher studies and Career Guidance, Research and innovations and Entrepreneurship development. Alumni have donated 12 laptops to needy students of second and third year identified by the departments. A financial aid of Rs. 25000 was also given to the students from Alumni Association Fund.

Click here for more information: <https://vesit.ves.ac.in/alumni-events>

V-REACH '20

Our alumni base has grown and reached every part of the world. We congratulate each of them for their success. Alumni are vital to the institute's strength, and we acknowledge their role as stakeholders in leveraging the VESIT brand. To bolster this relationship, VESIT-Internal Quality Assurance Cell (IQAC), "V-REACH", VESIT-Alumni engagement initiative, which aims at reaching out to alumni and enables sharing of their vast National and International knowledge and experience with students for widening their horizon. It also allows alumni to play an active role as a stakeholder and contribute actively in building VESIT legacy.

Click here for more information: <https://vesit.ves.ac.in/alumni/vreach>

E-Cell (tVEC)

VESIT Entrepreneurship Cell (E-Cell) was founded on 14th March 2014 and it aims to develop and nurture the entrepreneurship skills within the students while creating robust infrastructure to support budding entrepreneurs© Mission.

This year E-Cell has undergone fundamental changes from the basic policies and structure to all the intricate details. It also has a new logo and a new mission statement.

VESIT Entrepreneurship Cell's (new) mission is to nurture Entrepreneurial skills among VESITians and to increase the number of StartUps from VESIT.

Various activities were conducted by the Council in A.Y 2019-2020.

Workshop on Design Thinking and Entrepreneurship talk by ISDI School of Design and Innovation, Mumbai on Tuesday 30th July, 2019 for E-Cell members. In an effort to foster and promote a startup, a seminar was held **on Entrepreneurship and Innovation as a Career Opportunity.**

NLAP

A National Level Awareness Programme by the Ministry of MSME VESIT E-Cell hosted National Level Awareness Program (NLAP) organized by Micro, Small and Medium Enterprises (MSME) on 28th February 2020 (National Science Day). This event was aimed at enlightening budding entrepreneurs about the various government schemes, subsidies, help available for startups and small scale businesses. Delegates from different Government departments of MSME like National Small Industries Corporation (NSIC), Khadi and Village Industries Commission (KVIC) and Coir Board of India were present at the event.



PROJECT DEEP BLUE BY MASTEK AND MAJESCO

Mastek and Majesco initiated “Project Deep Blue” with an agenda ‘To transform lives by using technology’ in the year 2015 by encouraging engineering students to solve social problems using coding skills and come up with meaningful technical solutions. As the new generation of emerging engineers lack practical knowledge regarding reference to the industry, “Project Deep Blue” serves as a platform that bridges the gap between industry and academia.

VESIT E-Cell was handed over the responsibility of facilitating Mastek-Majesco Project Deep Blue Season 5 for VESIT students. In the same regard. An introductory talk by Mr. Akhil Singhal from Mastek was conducted on 6th August 2019. For this season, a total of 26 teams from VESIT have submitted their proposal, out of which 10 teams were selected for the main event.



28. DISCIPLINE

Discipline plays a vital role in every institute. All the students admitted in the first year (F.E.) of the institute will have to give an undertaking that they would observe general discipline and decent behavior throughout the four years of their engineering course.

28.1. IDENTITY CARDS

Every student who has taken admission and duly confirmed, must immediately take the I-Card, which is issued from the Principal's office and must wear it all the time. A student cannot even enter the premises without his/her I-Card and must readily present it when asked for, by the college authorities. At the beginning of a new academic year, each student must take a new I-Card issued by the college after surrendering the old I-Card.

28.2. LOSS OF I-CARD AND ISSUE OF DUPLICATE I-CARD

In case the I-Card is lost, students can take special permission from the Principal which is valid only for three days. Within the stipulated time period the student should apply for the I-Card by submitting the prescribed fee. Any student using an I-Card (Original or Duplicate) without the signature of the Principal or Institute Rubber Stamp will be penalized.

28.3. EX-STUDENT'S I-CARD

For ex-students, the college has made a special provision of separate I-Cards so that they enjoy and take advantage of the college library facilities. The ex-students however, are permitted to avail the facility only on working days during a stipulated time period.

28.4. LIBRARY AND OFFICE TIMINGS

During the term, the library will remain open on all working days from 8.00 a.m. to 6.00 p.m. For the benefit of the students the college allows them to use the library facilities for extended hours during holidays and preparatory leaves. The students can visit the administrative office between 11 a.m. to 5.30 p.m. for any pending work provided they do not have any scheduled lecture, lab, and tutorial during this time slot.

28.5. USE OF SPORTS GROUND

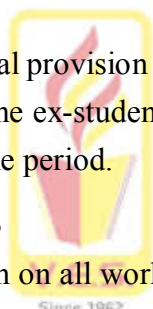
Students should ensure that they adhere to the Rules and Regulations of the college strictly while using the college playground. Strict action would be taken if they are found playing while the lectures/practicals/ tutorials are in progress.

28.6. HOLIDAYS AND VACATIONS

The list of the holidays and vacations will be displayed on the notice board. The vacation period is liable to change every year and the students should be prepared for such exigencies.

28.7. RAILWAY CONCESSION

Students who are less than 25-years-old can avail concession for commuting from College to their residence in and around Mumbai and for travelling to their hometown (where their parents reside as declared in their application form for admission) from Mumbai during vacations. Concession forms for Local Railway tickets are issued from the Office of the Institute on working days.



The long journey concession form will be issued only for the vacation period. The students should write their local and permanent home /town address in the application form, for availing this concession. Concessions are being made within three days from the receipt of their application.

28.8. HOSTEL

There are separate hostels for girls and boys in this College where the students are offered residential accommodation in the best possible living environment. It will be provided on a first-come-first-served basis and preference is always given to outstation candidates. Before leaving for vacation or holidays hostelites must take permission letter from the class teacher/class counsellor and submit a copy of the same to the Warden. (<https://ves.ac.in/facilities/hostels/>)

28.9. SAFETY PRECAUTION

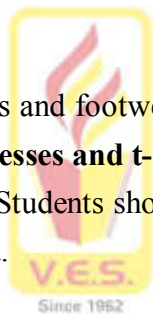
Safety instructions given by teachers should be stringently followed by the students while doing their practicals. In case of a mishap, the entire accountability shall lie on the student concerned and the Institute will no way be held responsible.

28.10. LOST AND FOUND

The authorities of the institute will not be accountable or responsible for any damage to the possessions or belongings of the students. However, articles that are lost and found are deposited in the office and are returned to the concerned student after identification.

28.11. DRESS CODE

Students are supposed to wear decent dresses and footwear suiting Indian Culture. **Indecent, skimpy, sleeveless, tight fitting, short and gaudy dresses and t-shirts with crude messages and pictures are strictly prohibited in the college campus.** Students should also keep proper well-groomed hairstyles which depicts a positive outlook and persona.



28.12. CLEANLINESS OF PREMISES

All the students should strive for maintaining the cleanliness of the college premises and help in the maintenance and upkeep of the institutional property. They should not scribble anything on the walls, furniture, etc. Strict action would be taken against the erring students and if not detected, a common fine will be levied on the entire class. Breakage of furniture will be treated in the same manner. All the students should strive for the cleanliness of the premises and help in the better maintenance and upkeep of the institutional property.

28.13. INDULGING IN ANTI-SOCIAL ACTIVITIES

If a student is found indulging in any anti-social or anti-national activities, he/she is liable to be expelled from the college without any prior notice.

28.14. CHEWING PAN/TOBACCO AND SMOKING

Chewing paan/tobacco or smoking in and around the premises of the institute is strictly prohibited.

27.15. USE OF ELECTRONIC ITEMS/GADGETS

Students are advised to use mobile phones **only outside classrooms/laboratories**. If they are found using mobile during lectures/ labs, the college authorities can confiscate such items and take strict action against the concerned students. Other electronic gadgets/equipment which is needed for project purpose can be brought in with proper permission and documentation.

28.16. REFUND OF CAUTION MONEY

After the completion of the course, an application for the refund of the caution money should be given (along with F.E. fee receipt) within the same financial year. Unclaimed caution money will be forfeited. Lifetime membership fee for alumni will be deducted from the caution money.

28.17. LOCKER FACILITY

Locker facility for the first year students is provided on a first-come-first-served basis. The student should forward an application for using this facility for which he/she has to pay a locker fee.

28.18. RETURN OF ORIGINAL CERTIFICATES

All original certificates like Mark Sheets, Passing Certificate, Caste Certificate, Domicile Certificate etc. will be returned to the students after all the admission formalities of the University /DTE are completed. Normally, these certificates are returned to first year students in the month of March/April.

28.19. NOTICE BOARDS

Students are advised to read the notice boards regularly for various updates/circulars/notices displayed regarding payment of fees, the commencement of examination and other matters of academic interest. Students are expected to pay the Tuition Fees/Exam Fees etc. before the last date. This will avoid penalties as well as inconvenience to them. Students should not go to the office for Railway concession or any other matter while their theory classes /practicals are in progress. Further, whenever they come to the office, they should maintain proper discipline and decorum. They shall always follow the Queue system and shall not crowd near the counters and should not block main entrance and exit points.

28.20. GRE/TOEFL/GATE/GMAT

Students will not be allowed to miss the college for the preparation of GRE/TOEFL/GATE/GMAT or other forms of competitive examinations. It may be noted that students need to plan their schedules well in advance so that it does not affect their academic curriculum. Students who desire to appear for the same will be permitted for a maximum period of 15 days, provided their academic record and attendance in the semester is satisfactory.

28.21. CO-CURRICULAR ACTIVITIES

All co-curricular, extracurricular activities and seminars/symposia/conferences/workshops of the students' professional societies of the college will be held only after the regular college timings. No activities will affect the regular working of the college. Students who wish to participate in local and outstation technical seminars, paper presentation contests, project exhibitions and other competitions will have to take prior permission.

28.22. PICNICS AND OUTINGS

Students will not be permitted to organize/participate in private picnics/outings even on Sundays/Holidays without the written consent of the college Principal. All picnics/outings have to be authorized and accompanied by college staff. Any failure to comply with any of the rules will lead to strict action taken against them.

28.23. INTERNET USAGE

Internet facilities are provided to our students at various places. Students are expected to use this facility only for academic purposes and not for any other purposes like chatting. Misuse of this facility and indecent behavior on the NET is liable for punishment and strict action.

28.24. THEFT

Students found stealing other's property or institutional property will be dealt with very strictly. If the institutional property is damaged/stolen, the entire batch of students will be penalized and the cost will be recovered as deemed fit.

28.25. SUGGESTION BOX

Students can avail the suggestion box facility provided outside the Principal's Office, in case of any suggestions, complaints etc.

28.26. BIRTHDAY CELEBRATIONS

Birthday celebrations of fellow students are not allowed inside the class or within the premises or in the vicinity of the college.

28.27. PRINCIPAL'S SIGNATURE

Students should come to the Principal's Office for signature or attestation during the recess time only or after their theory classes/practicals are over.

The above conditions are as per the Rules and Regulations of the Institute and all students should strictly follow them. Strict action would be taken against the student who fails to observe them. Any matter not covered by these Rules will rest at the absolute discretion of the Principal.



29. PROHIBITION OF RAGGING

Ragging within or outside the institute is strictly prohibited. Any student who directly or indirectly participates in, abets or propagates ragging within or outside the institute shall face strict disciplinary action as per the provision of Maharashtra Prohibition of RAGGING ACT, 1999.

If a case is to be made as per law the following procedure is to be followed:-

- ✓ Investigation by the squad
- ✓ Findings reported to the Principal
- ✓ Principal's discussion with the Committee to decide whether to file an FIR (within 24 hrs) with Police or Local Authorities OR punishment is to be awarded by the Anti-Ragging Committee of VESIT

Punishments may be in the form of:

- ✓ Suspension from attending classes and academic privileges.
- ✓ Withholding/ withdrawing scholarship/ fellowship and other benefits.
- ✓ Debarring from appearing in any test/ examination or other evaluation process.
- ✓ Withholding results.
- ✓ Debarring from representing the institution in any regional, national or international meet, tournament, youth festival, etc.
- ✓ Suspension/ expulsion from the hostel.
- ✓ Cancellation of admission.
- ✓ Rustication from the institution for periods ranging from one to four semesters.
- ✓ Expulsion not only from the institution but also consequent debarring from admission to any other institution for a specified period. In case, the persons committing or abetting the act of ragging are not identified, the college will resort to collective punishment.



ADVICE TO ALL STUDENTS:

All students are advised to be aware of anti-ragging measures and report any ragging incident to college authorities in person or by telephone at the earliest.

More information is available on our institute's website:
<http://vesit.ves.ac.in> or <http://ves.ac.in/vesit>

Students should fill an online antiragging undertaking (www.amanmovement.org or www.antiragging.in) and submit the hardcopy of the form and acknowledgement at the time of admission.

30. COMMITTEES

Sr. No.	Name of the Committees	URL
1	ANTI-RAGGING/ DISCIPLINARY COMMITTEE	https://vesit.ves.ac.in/committees
2	WOMEN DEVELOPEMENT CELL	https://vesit.ves.ac.in/committees
3	ANTI SEXUAL HARASSMENT COMMITTEE	https://vesit.ves.ac.in/committees
4	INTERNAL COMPLAINT COMMITTEE	https://vesit.ves.ac.in/committees
5	GRIEVANCE REDRESSAL COMMITTEE	https://vesit.ves.ac.in/committees
6	COMMITTEE FOR SC/ST	https://vesit.ves.ac.in/committees
7	ADMISSION GRIEVANCE COMMITTEE	https://vesit.ves.ac.in/committees



*** Most Important Note ***

All Admissions and Cancellations will be conducted/done as per the DTE rules and Guidelines.

All available Scholarships of University, State Government, etc will be granted to the eligible candidates as per rules. (Please refer website.)



Plastic Elimination Drive



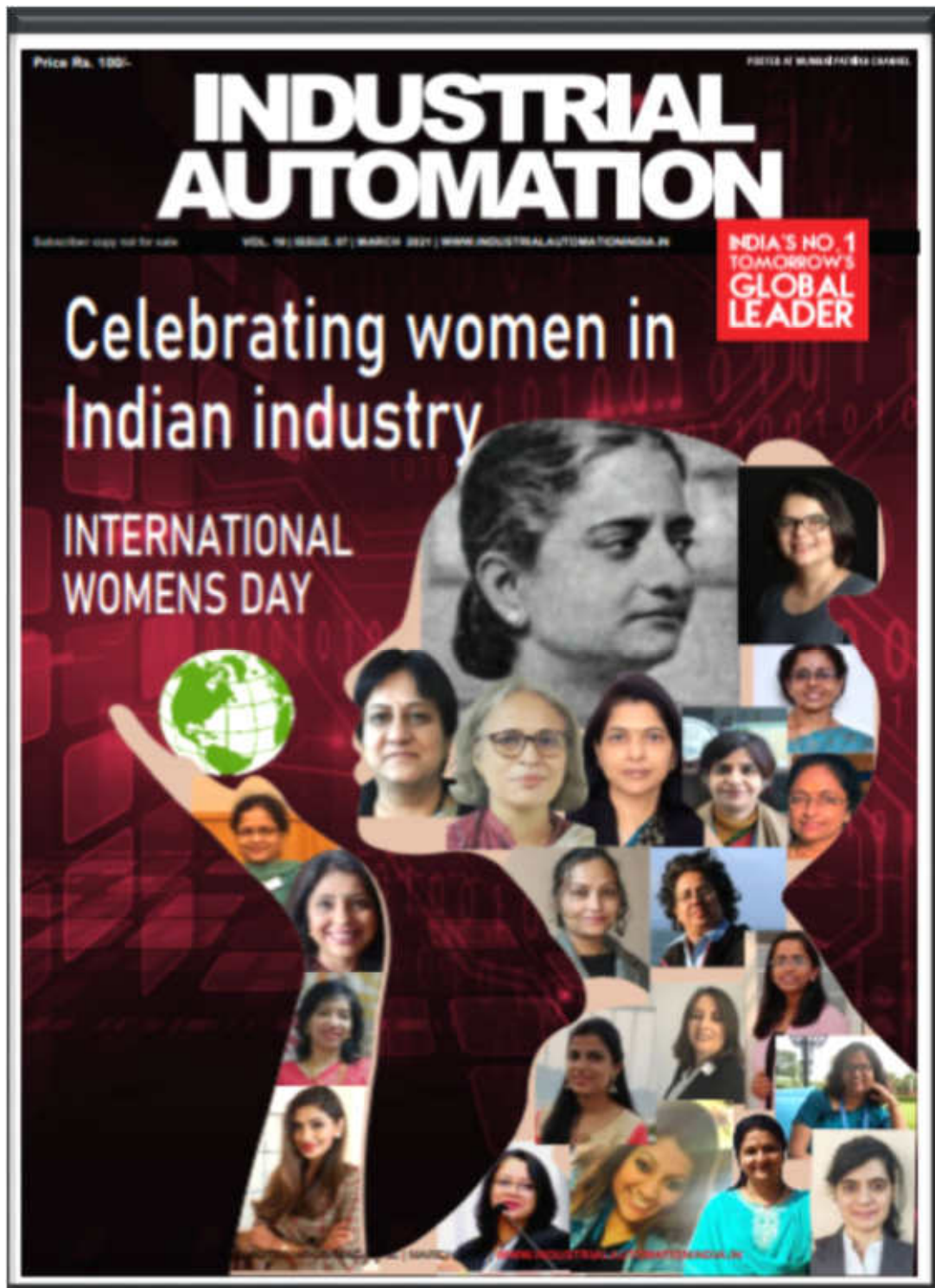
E Waste Collection Drive



Tree Plantation Drive



Student raising awareness among villagers about saying no to plastic bags



**Education makes women more aware of opportunities- a powerful write up
by Dr Jayalakshmi Nair, Principal VESIT
([Click here to read more](http://www.industrialautomationindia.in))**



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

-Swami Vivekanand.