Vivekanand Education Society's
Institute of Technology

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

VESIT TIMELINE				
Timeline	**Goals**	**Strategies**	**Success**	**Challenges**
1984-1994	1) Initiating various Technical Courses under VESIT banner 2) To develop center of excellence in the core technological branches 3)Introduction to allied and upcoming courses.	1) To identify the technical courses best suited for the industry. 2) To develop various labs and resources for the smooth conduction of the courses offered at VESIT. 3) To identify the course aligned to the goal.	1) College establishment on 7th August 1984 2) Core technological branches Electronics, computer and Instrumentation Engineering branches were initiated with an intake of 60 students in each branch 3) In the A.Y. 1992-93, intake in the Electronics and Telecommunication Engineering branch was introduced with 60 seats.	1) To make VESIT the first choice for engineering courses in Mumbai. 2) To streamline the processes of all the activities conducted at VESIT. 3) To recruit more expert faculty members for respective courses offered at VESIT. 4) To develop the infrastructure for the institute

1995-2003				
	1) To enhance the existing infrastructure and increase the number of experienced faculty 2) To develop the overall personality of students through technical excellence. 3) To provide job opportunities for the undergraduate students of VESIT. 4) Introduction of Post Graduate programs with a view to initiate research culture. 5) Initiation of faculty upgradation program.	1) Effectively plan the academic schedule and function as per the rules and regulations laid down by Mumbai University. 2) To groom the overall personality of the student, a number of co-curricular, extra-curricular activities, and professional society activities need to be initiated. 3) To establish a training and placement center at VESIT. 4) To initiate courses in the latest state of art technologies. 5) To encourage faculty for higher studies.	1) Smooth conduction of the academic session through a well-prepared timetable as per the university norms. 2) A number of professional societies were initiated that focused on overall personality development. 3) Initiatives were planned for career guidance through a multitude of training sessions. 4) 1. An additional course in Information Technology started in A.Y. 1999-2000 with an intake of 40 students. 2. ME INFT and EXTC started in A.Y. 2002-2003 with intake 18. 3. ME Instrumentation & Control started in A.Y. 2003-2004 with	1) To identify and introduce new programs of core competency. 2) To follow the legacy of being a student-centric institute having an industry-oriented approach. 3) To provide well-equipped labs through infrastructure development.

			intake 18. 5) VESIT faculty is sponsored for higher education.	
2004-2009	Goal 1: NBA accreditation for existing courses	To comply with all terms and conditions of NBA accreditation	1) In 2006 the department of EXTC, INST, INFT and CMPN got accredited for 3 years. 2) In 2007 the department of ETRX got accredited for 3 years.	In 2003, MCA course was completely run in the MMS building due to infrastructure limitations.
	Goal 2: Introduction of application oriented courses to provide opportunities to science graduates to enter into promising field of computers	1) To promote application-oriented PG courses. 2) To develop labs for application-oriented courses. 3) To take steps towards approval of the faculty for application-oriented courses.	Master of Computer Application (MCA) started in A.Y. 2003-2004 with an intake of 60 students.	

	Goal 3: Enhancing the teaching-learning process.	1) To develop and follow Lecture and Lab plans. 2) To update Lecture and Lab plans every year. 3) To promote faculty to attend FDPs.	1) For the improvement in the teaching-learning process, the organization had started with well planned lecture and lab plans and accordingly execution of lecture and lab plan. 2) In the lab plan, the experiment list is to be updated every year with the inclusion of at least two new practicals. 3) The faculty from various departments attended the Faculty Development programs.	
	Goal 4: Establish a system for quality improvement program	1) Increase the number of sponsored faculty for higher education for ME and Ph.D. 2) Organize more FDPs in campus 3) Promote faculty for conferences, workshops and additional training	Every year VESIT faculty is sponsored for higher education as per the norms of VESIT.	

	Goal 5: Permanent affiliation of the existing departments.	1) To apply for the procedure of permanent affiliation to University of Mumbai. 2) To maintain the departmental functions as per the norms of University of Mumbai.	The departments of ETRX, CMPN, INST, EXTC, INFT received permanent affiliation from A.Y. 2006-2007.	
	Goal 6: To promote research and development culture at VESIT	To encourage research and development culture amongst the faculty.	Conducted a national conference UTKARSH-2007 in January 2007. Faculty members of VESIT were encouraged to write research papers. VESIT organized an International Conference ICCC-09 in January 2009.	
	Goal 7: To plan for augmentation of Infrastructure for the future growth plan in the new premises	1. Determine the floor wise plan and plan the infrastructure requirements. 2. Allocation of departments as per the plan	Execution of the steps to move premises.	
2009-2014	Goal 1: Infrastructure up-gradation to accommodate allied courses	1) To earmark the resources to various departments. 2) To design and develop laboratories and shift equipment to the new	1) Development of laboratory infrastructure. 2) Establishment of the institute in the	1) Time management during Shifting to new premises and setting up of all labs.

		premises.	new premises. 3) Shifting of the institute without affecting the academic schedule.	2) Increase in research grants. 3) Improvement in Industry Institute Collaboration. 4) Get NBA accreditation for existing courses.
	Goal 2: Increase in Intake of existing courses at VESIT	1) To design the admission procedure and promotion of additional courses. 2) To develop labs for additional courses. 3) To plan recruitment procedures for additional courses. 4) To take steps towards approval of the faculty for PG courses.	In A.Y. 2011-2012 CMPN Dept received an increased intake from 60 to 120. In A.Y. 2012-13 ETRX and EXTC Depts intake increased from 60 to 120. In A.Y. 2012-13 CMPN Dept second shift started with intake 60. In A.Y. 2012-13 MCA Dept Second Shift started with intake 60 In A.Y. 2013-14 EXTC dept second shift started with intake 60 for direct second year.	
	Goal 3: Permanent affiliation for the department of MCA	1) To apply for the procedure of permanent affiliation to University of Mumbai. 2) To maintain the departmental functions as per	In A.Y. 2011-12 MCA Dept (first shift) got permanent affiliation.	

		the norms of University of Mumbai.		
	Goal 4: Enhance the Research and Development culture.	1) To explore the development of Ph.D. center in the department of Electronics 2) To apply for project grants. 3) To promote Research paper publications.	1) In A.Y. 2012-13 Recognized as Ph.D. Centre for Electronics. 2) Increase output in research with increased research papers and research grants.	
	Goal 5: To promote academia and industry connect.	1. To explore Industry Institute Interaction. 2. To incorporate state-of-the-art technologies in the respective domain of the department.	1) "L&T Graduate Engineering Trainee Refresher course" was initiated. 2) The Institute received Field Instruments donated by Reliance and Emerson.	
2014-2019	Goal 1: NBA accreditation for existing courses.	1)To comply with all terms and conditions of NBA accreditation 2)To update teaching and research labs with new equipment	1)In 2016-2017 the departments of ETRX, CMPN, EXTC, INFT and INST got accredited for 2 years. 2)In 2018-2019 the department of INST, EXTC, ETRX and INFT received an	1) To set up research and innovation cell to encourage product development 2) To introduce a course aligned to the emerging technologies across the globe.

			extension of accreditation period for 1 year. 3)In 2019-2020 the department of ETRX, EXTC, INST, and INFT got re-accredited for 3 years.	3) To develop a methodology for meeting quality standards and performance measures
	Goal 2:Adoption of modern learning resources.	1)To enable new mechanisms of learning through utilization of central repositories. 2)To introduce new online courses and certification programs 3)To introduce new teaching-learning methodologies.	1)Many Students and faculty are certified with NPTEL which was introduced in November 2018. 2)Many students and faculty are certified with Cloudera, Oracle, AWS, Moodle, and Microsoft Certification. 3)New teaching-learning methods like Project-Based Learning (PBL) and Process Oriented Guided Inquiry Learning(POGIL) started in 2015.	

	Goal 3:Enhance Industry institute collaboration.	1)To develop innovation centres in collaboration with industry 2)To promote entrepreneurship,industry-academia partnership, and application-inspired industry research.	1)To build industry-institute collaboration VESIT started with various Innovation centers. 2)Automation Industry Association(AIA) Lab was started in March 2016. 3)NI LabVIEW Academy in collaboration with National Instruments (USA) was started in July 2013. 4)VESIT also started with Accenture Innovation Center, D-Link Academy Lab and MODROB Grant 5)Cloudera Academy was started in 2016. 6)Aditya Jyot Eye Innovation Center was inaugurated in August 2019.	

	Goal 4: Promotion of Project based Learning in VESIT	1)To promote the students to work in interdisciplinary teams and to come up with innovative project ideas. 2)To encourage students to participate in various project competition	1)To promote the interdisciplinary teams, the Looking Beyond Syllabus Project concept was introduced in the year 2015. 2)Tinkerer's labs were established in individual departments 3)Student Projects mentored by faculty won various project competitions such as Avishkar, E-Yantra, Smart India Hackathon etc. 4)VESIT Renaissance Cell (VRC) was initiated to encourage and train young faculty members to afflux the institute for enhancing innovation and technology use in TLP.	
	Goal 5: Increase in intake of existing courses.	1)To allocate additional labs and faculties to the course with increased intake	In the year 2019-2020 INFT Dept received an increased intake from	

			60 to 120.	
	Goal 6: Permanent Affiliation for existing PG courses.	1) To apply for the procedure of permanent affiliation to University of Mumbai.	ME INFT, INST & CONTROL, and EXTC got permanent affiliation in A.Y. 2017-2018.	
	Goal 7: Quality assurance	1)To ensure sustained quality education at VESIT.	Constituted committees like Department Advisory Board (DAB), Programme assessment committee(PAC)	
2019-2024	Goal 1: Create centre of excellence and Brand Building of VESIT	1)To apply for the financial assistance scheme of University Grants Commission (UGC). 2)To enhance the culture of innovation, research, entrepreneurship and product development at VESIT. 3)To apply for various quality audit recognitions. 4)To increase the number of funded projects/STTP/FDP 5)To set up full-fledged incubation centre at VES level	1)Recognized under Section 2(f) & 12(B) of The University Grants Commission (UGC). 2)VESIT-IIC(Institute Innovation Council) was constituted in January 2019 3)Received ARIIA ranking in 2019. 4)Received AICTE CII Platinum ranking 2020.	To promote industry academia interactions through a number of MoUs.

			5)Received NIRF Ranking in September 2021. 6)A number of sponsored FDP and projects undertaken.	
	Goal 2:Vertical growth of VESIT IIC	1) To conduct focused workshops in IPR and patents, plagiarism, research methodology 2)To have specific MOUs with industries that recruit a large number of students 3)To promote entrepreneurship activities through E-Cell. 4)To set up pre-incubation centre at VESIT	1)Number of workshops have been conducted towards the inception and growth of IPR and patents. 2)Focused workshops on entrepreneurship have been conducted by E-cell 3)Projects initiated at Research labs & Tinkerer's lab got recognition at the Industry level, University level, national level, and international levels.	
	Goal 3: Introduction and enhancement of courses aligned to emerging technology	1)To develop the entire set up for the new course 2)To allocate additional labs and faculties to the course with increased intake.	1)In the year 2020-21 a new course Artificial intelligence and Data Science was introduced with the intake of 60 seats. 2)In the year	

		2019-2020 INFT Dept received an increased intake from 60 to 120.	
	Goal 4:To streamline the academic and administrative processes at VESIT, using technology	1) To form various committees to over see the functioning of the department 2)To involve various stakeholders in order to align the progress at VESIT with industry standards 3)To obtain various feedbacks to ensure quality in the teaching-learning process.	VESIT-IQAC was constituted to ensure overall development through various quality measures at academic and administrative levels	
	Goal 5:To achieve academic autonomy and to prepare for implementation of NEP 2020	To apply for the National Assessment and Accreditation Council (NAAC).	In progress	