VCET Strategic plan

2020-21		
Strategic Goal	**Strategic Plan**	**Deployment**
NBA Accreditation	NBA Accreditation of all eligible programs.	UG program in Mechanical Engineering, Electronics & Telecommunication Engineering, Computer Engineering, and Information Technology got accredited by the NBA in 2022 for the period of 3 years.
Expansion of existing programs and introduction of new programs	Increase the intake of students and start new UG/PG programs in emerging areas.	UG courses in CSEDS and AIDS were started.
Phase-wise upgradation of physical infrastructure	Renovation of the Computer and IT Department.	14 computer laboratories have been renovated.
Phase-wise Upgradation of IT Infrastructure	Write off obsolete equipment, repair, and maintenance of department purchases before 2014.	Purchased 125 PCs for the IT department.
	Increase Internet bandwidth.	Internet bandwidth was upgraded from 100 mbps to 300 mbps.
	Upgrade PCs in the Mechanical Department.	40 PCs in the Mechanical Engineering Department were upgraded with 8GB of RAM and an NVIDIA T-400 card.

2021-22		
Strategic Goal	**Strategic Plan**	**Deployment**
Expansion of existing programs and introduction of new programs	Increase student intake and start new UG/PG programs in emerging areas.	Increased intake of AIDS (30 to 60)
Phase-wise upgradation of physical infrastructure	Creation of new laboratories for the AIDS and CSEDS departments and renovation of classrooms.	• Two additional computer laboratories were created. • Renovation of classrooms was done.
Phase-wise Upgradation of IT Infrastructure	Write-off of obsolete equipment and repair and maintenance of department purchases before 2014.	• Write-off of computers purchased before 2018 from the Computer Engineering Department was done. • Purchased 120 PCs for Computer Engineering, 40 for AIDS, 20 for CSEDS, and 20 for the Civil Engineering Department. • Purchased a server for Computer Engineering.
Wi-Fi-enabled premises	Installation of Wi-Fi facility.	• Installed Wi-Fi System with TP-Link 24 access points on G +5 Floors.

2022-23		
Strategic Goal	**Strategic Plan**	**Deployment**
Expansion of existing programs and introduction of new programs	Starting new UG/PG programs in emerging areas.	- Computer Engineering intake was increased from 60 to 180. - PG program in ME Civil (Structural Engineering) with intake 24 was started.
Phase-wise upgradation of physical infrastructure	Upgradation of the power backup system.	Renovation of the power station.
Phase-wise Upgradation of IT Infrastructure	- Purchase of new PCs. - Upgradation of Internet bandwidth.	- Purchased 80 PCs for AIDS, CSEDS, and 40 PCs for the Mechanical Engineering Department. - Internet bandwidth was upgraded to 1224 mbps.

2023-24		
Strategic Goal	**Strategic Plan**	**Deployment**
NAAC and NBA Accreditation	Apply for NBA Accreditation.	Applied for accreditation of UG Civil Engineering.
	Apply for NAAC Accreditation (second cycle).	Applied for NAAC accreditation.
Promote consultancy work	Establishment of a government-recognized material testing laboratory.	- Established a Material Testing Laboratory recognized by Vasai Virar Municipal Corporation. - Started the Audit, Design, and Testing Cell.
Expansion of existing programs and introduction of new programs	Starting new UG/PG programs in emerging areas.	- UG program in Electronics (VLSI Design) was introduced. - Intake of CSEDS was increased from 60 to 180.
	Starting the PG Course in Management.	Started a PG program in Management (MMS) with an intake of 120.
	Starting PG courses in computer-allied disciplines.	In the planning phase.
Phase-wise upgradation of physical infrastructure	Construction of additional academic building.	Laid foundation stone for additional academic building.
	Renovation of the canteen facility.	The renovation of the canteen is done.
	Renovation of the entrance, memorial area, and landscaping.	Renovation of the entrance and memorial area and landscaping are done.
	Renovation of the Mechanical and Civil Engineering Department.	The Mechanical and Civil Engineering Department renovated.
	Renovation of civil infrastructure.	In the planning phase.
	Enhancement of classroom infrastructure.	Installed air conditioners in classrooms.
	Laboratory development for newly added courses.	In the planning phase.

Phase-wise Upgradation of IT Infrastructure	Purchase of new PCs.	Purchased 200 PCs for the AIDS and CSEDS departments.
	Write-off all PCs in the EXTC department.	In the planning phase.
	Increase Internet bandwidth.	Internet bandwidth was upgraded from1224 mbps to 1.5 Gigps.
Independent library building and upgradation of library resources	Increase volumes, titles, and digital subscriptions.	A new standalone building for the library was constructed with a digital library with 20 PCs.

2024-25		
Strategic Goal	**Strategic Plan**	**Deployment**
Expansion of existing programs and introduction of new programs	Start a PG program in the Computer, Mechanical, and EXTC departments.	In the planning phase.
Industry-sponsored laboratories	Establish industry-sponsored laboratories related to vibration, CNC lathes, and milling.	In the planning phase.
Collaboration with national and international universities and research organizations for research and higher education.	Identify and interact with national and international universities for different linkages.	In the planning phase.
Improve institute innovation ranking	Strengthening activities of the Institute Innovation Council.	In the planning phase.
Greater number of MoU's to strengthen industry-institute interaction.	- Identify industries for tie-ups. - Consult industry experts to bring in integrated programs. - Provide more number of internship opportunities, expert lectures, industrial visits, and training programs to students.	In the planning phase.
Innovation and Incubation Center	- Enhance incubation and start-up activities through collaboration. - Strengthening activities of the Entrepreneurship Cell.	In the planning phase.

2025 to 2029		
Strategic Goal	**Strategic Plan**	**Deployment**
Adopt NEP as per University of Mumbai guidelines.	Faculty training for NEP implementation.	In the planning phase.
Improved placement counts with higher packages.	- Conduct training programs for the fulfillment of industry-expected employment skills. - Encourage students to take Certification Courses - Improve the skills of students through internships and AMCAT training. - Have a greater number of internships / sponsored projects in the core domain.	In the planning phase.

Faculty Qualification Enhancement	Have a greater number of faculty with PhD qualification.	In the planning phase.
Green Initiatives	Installation of a complete solar rooftop panel.	In the planning phase.

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