



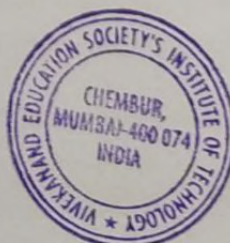
Vivekanand Education Society's Institute of Technology

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VESIT- IQAC ACTION PLAN CONSOLIDATED 21-22

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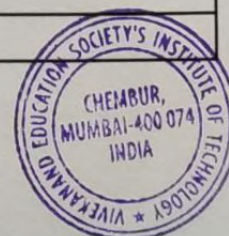
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1. Department Name : Humanities and Science (First Year) Prof. Vivek Umrikar

	Description	Action Plan
1	Curriculum	Open day schedule will be within 7 days of exam conduction
2	Teaching Learning Process	More interactive lectures
		Identification of Weak Students
		Mentor -Mentee : for 20 students- one teacher mentor and 2 students buddy mentors
		Effective communication methodology had been applied
		Hybrid model of LMS and class room teaching should be followed

2. Department of Electronics : Dr. Kavita Tiwari

Description	Action Plan
Curriculum	Orientation lectures helping students selecting the Electives for Third year and Final year
	Orientation lectures for Project Allotment
	Orientation Lecture for Second Year Student briefing about Electronics Department
Description	
Teaching Learning Process	Finishing School on Digital Linear Integrated Circuits, Digital Circuit Design, Database Management Systems and Communication Networks and session on Interview preparation.
	MATLAB Workshop
	Workshop on LaTeX for technical paper writing





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	VLSI Design Workshop
	PCB Design Workshop
	IOT Workshop
	Project Exhibition
Description	
Research & Consultancy and Extension	Encourage students to write good technical and research papers.
	Paper Presentation and Publication in Technical Conference/ Journals
	Attending FDP and Technical Workshop
	Planning to Sign MOU with Industry for Research Projects
Description	
Infrastructure	Lab Upgradation
Student Support	Internships, scholarships and funding opportunities , regular mails/enotices are being send also alumni students cohorts for internship is being planned
	Vreach 21-22 is planned where Alumni will share their Experiences with current students about latest technologies, Career growth opportunities, guidance for pursuing higher studies etc
	Mentoring to Students through Mentor-Mentee Program
	Encourage students to participate in different technical competition which help in improving their interdisciplinary knowledge
	Internship organized for SE, TE students by Tinkerer's Lab
Innovation and Best Practices	Creating and Posting department related content for Social Media , to improve e-Presence



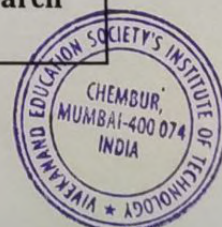


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3. Department of Computers Dr. Nupur Giri

	Description	Action Plan
1	Curriculum	Open Day schedule will be within 10 days of exam conduction
		Improvement in CO Attainment Threshold
2	Teaching Learning Process	More interactive lectures especially in online mode
		Codecell (Tinker;s of CMPN) will also fo for inter collegiate events
		Mentor Mentee program has been increased thrice a semester
		Hybrid model of LMS and classroom teaching should be followed
		Collaborative Research work with Nair Hospital, TIFR, Cerelab has been planned. Research Forum talks on Technical Paper writing, Patenting, Innovation are planned
		Effective communication methodology had been applied
		More participation in VRC internship to be ensured
3	Research & Consultancy and Extension	Identification of Weak Students
		Product development : Vocal for Local
		Entrepreneurship initiative
		Project from healthcare, Problem statement for TE and BE Projects are framed wrt the Healthcare domain
		Funding and Grants for projects
		Motivate students to write good technical and research papers.





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		Creating Miyawaki forest in campus : PK
		Collaborative Projects
		Description
4	Infrastructure	New Lab Development, We would request to start PhD centre
5	Student Support	Internships, scholarships and funding opportunities , Regular mails/enotices are being send also alumni students cohorts for internship and product collaboration is being planned More Alumni Interaction: V-reach 21-22 is planned where Alumni will share their Experiences wrt latest technologies, Career growth opportunities, guidance for pursuing higher studies etc 2. Senior junior Interaction is Planned
		Description
6	Innovation and Best Practices	Improve Website Presence and more visibility

4. Department of Instrumentation Dr.Sangeeta Prasanna

	Description	Action Plan
1	Curriculum	Induction /Orientation program for SE instrumentation students to include awareness on various domains in instrumentation engineering along with display / videos on projects done by their seniors.
		Training students on latest technology from industry experts
		Increase in CO Attainment Threshold





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2	Teaching Learning Process	
		Training students on latest technology through projects / internship from industry
		Seminars / case studies on selected topics based on self study
		Separate lab hours allotted in time table for better subject understanding
		Lab hours allotted for department electives having no practical hours.
		Implementation by course instructor
		Sharing of repository of study material
3	Research & Consultancy and Extension	Project from healthcare, Problem statement for TE and BE Projects are framed wrt the Healthcare domain
		Project funding / Entrepreneurship initiatives
		Guiding and mentoring of students on technical paper writing
5	Student Support	To invite Embedded companies for placement
		Encourage students to participate in different activities which help in improving their interdisciplinary knowledge and entrepreneurship skills
7	Innovation and Best Practices	Encourage student groups to take up 2-3 innovative projects for the benefit of society.





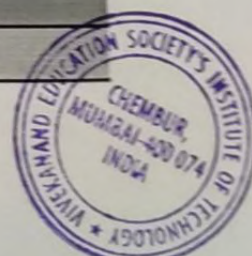
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5. Department of Electronics and Telecommunication

Mrs. Shoba Krishnan, Dr. Chandan Rawat

	Description	Action Plan
1	Curriculum	Orientation lectures helping students selecting the Electives for Third year and Final year Open day schedule will be within 10 days of exam conduction, Workshops conducted for all MINI projects in second and third year
2	Teaching Learning Process	More interactive lectures especially in online mode. 1. Encourage Question and answer in online mode. 2. Problem solving oriented approach to be emphasized more Increase in number of practicals Workshop on Dlink certified specialist Finishing School on Analog electronics, digital electronics, Java, IT for non-IT students, Computer Communication networks Edgate Internships 8 Days VLSI and Python workshops
3	Research & Consultancy and Extension	Output based Projects planned for 21-22 Product development Collaboration with Research Institutes like SAMEER to be developed More patent application arising from projects Ongoing MODROB project from AICTE funding
	Description	





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4	Infrastructure	Development of new labs according to new curriculum
5	Student Support	Counselling sessions for students to pursue for higher studies
		Use of Tinkerers lab for enhancing skills of students as per their hobbies
		Invite more core companies for placement

6. Department of Information Technology Dr. Shalu Chopra

	Description	Action Plan
1	Curriculum	Induction /Orientation program for SE IT students to include awareness on various domains in Information technology along with display /videos on projects done by their seniors.
		Improvement in CO Attainment Target Levels
		Review and Updation of CO for subjects
2	Teaching Learning Process	Seminars / case studies on selected topics based on self study
		Training students on latest technology through projects / internship
		Separate lab hours allotted in time table for mini projects
		Separate Lab hours allotted for better department subject understanding
		Improved interactions in the form of polls and questions during the lecture.
		Sharing of repository of study material
		Balanced Evaluation
		Identification of Weak Students





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		Online courses offered as part of self learning topics and knowledge enhancement
		Description
4	Infrastructure	Upgradation of Lab
5	Student Support	Counselling in form of Mentor-Mentee
		Internships
		Scholarship
		Encourage Participation of students in different competitions and interdisciplinary activities.
		Sessions by Alumni/ Experts under e-Disha
		Formation of student club to impart knowledge in various domain and sharing their experiences
		Description
6	Governance	Group advisor
		DAB
		mentor-mentee
		Class wise monitoring
7	Innovation and Best Practices	Best Practices - Policies - Energy Saving, Go green
		Innovation - Innovative projects for societal benefit





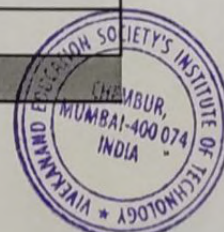
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7. Department of MCA

Dr. Shivkumar

	Description	Action Plan
1	Curriculum	Orientation Lecture for the Subjects Helping students to select the electives and understand the structure of Subjects
		Open Day schedule will be within one week of Exam
2	Teaching Learning Process	Subject related Quizzes to make online Learning more Interactive.
		Expert Lectures by Industry technocrats through SEL Activity
		Practice of Objective Questions related to subject to enhance skill set of students
		Practice of Mumbai University old question Papers at the end of Semester
		Subject related Assignments /Quizzes /Case studies /Presentation/ Seminars for
		Expert lectures on advanced technology and trends by alumni interactions, Regular aptitude tests and Experts sessions to face interviews through student society-SPICE.
		Identifying weak students and arrange the Remedial Lectures for Improvement
3	Research & Consultancy and Extension	Research Paper Publications in different areas of domain
		Encouraging the Research Level Project (Mini Project) which may be converted into Product (Application Oriented Projects))
		Internship Projects
		More Patents are filed in different domain





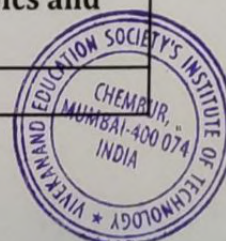
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	Description	
4	Infrastructure	Upgradation of Lab Components to support the New Curriculum of the Course
5	Student Support	Mentor Mentee for students to council them personally
		Seminar/Webinar on awareness of overall Health and understanding the Life Skills.
		Encourage students to improve their entrepreneurship skills
		providing awareness of scholarships and funding opportunities
	Description	
7	Innovation and Best Practices	Encourage Students to conduct awareness program /utilize their skills for societal Development

8. Department of Information Technology- ME Dr. Shalu Chopra

	Description	Action Plan
1	Curriculum	Induction /Orientation program for MEIT students to include awareness on various domains in Information technology along with display /videos on projects done by their seniors.
		Review and Updation of CO for subjects
2	Teaching Learning Process	Seminars / case studies on selected topics based on self study
		Training students on latest technology through projects
		Sharing of repository of study material
		Balanced Evaluation
		Online courses offered as part of self learning topics and knowledge enhancement

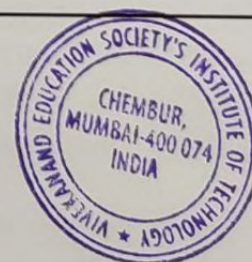




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3	Research & Consultancy and Extension	
		Funded Projects
		Good Technical Research papers
	Description	
4	Infrastructure	upgradation of Lab facility
5	Student Support	Counselling
		Encourage Participation of students in different competitions and interdisciplinary activities.
		Sessions by Alumni/ Experts under e-Disha
		Formation of student club to impart knowledge in various domain and sharing their experiences
	Description	
6	Governance	Class wise monitoring
7	Innovation and Best Practices	Best Practices - Energy Saving, Go green, cleanliness drive
		Innovation - Innovative projects for societal benefit





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9. Admission Committee

Prof. Asma Pravin

Action Plan

1. Workshop for Verbal communication skills for all admin and non teaching staff to handle the students and parents more efficiently.

Recreation to Admission Team.

Interaction with Digital Team to improve admission.

Formation of Admission Committee.

10 Academic Cell :

Prof. Smita Jangale, Dr. Ranjan Bala

Action Plan

1. Academic Council formation: Academic Council of any institute is the highest academic decision making body which sets and maintains high academic standards at par with the best national institutes, finds the academic gaps and suggests improvements on a continuous basis. The council visions are aligned with institute vision. For efficient working an Academic council is to be formed, which consists of Principal, Vice Principal, Dean Academics, Hods, dHods, one academic coordinator from each department, 2 academic experts from external institute, members appointed by principal (University & Governing body), two student members. Required for Academic Audit for NAAC

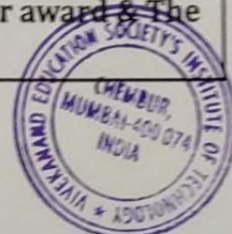
2. Policy write up about Teaching learning Process : CO, PO, PEOs, PSOs approvals, Academic delivery and Assessment, Innovative practices for high academic standards

3. Various committee's roles involved in academics: Research Recognition Committee, Mini & Major project committee, ME special topic seminar committee, Attendance in-charge, Subject Group advisors, Class teacher, Class counselors, Faculty advisor, Mentor, year in-charge, their reports, action taken etc.

4. Academic Calendar for PG & PhD

5. Faculty QIP policy write up: Rules and regulations for
- participation in FDPs/STTPs/ workshops/Conferences etc. ,
- pursuing higher studies,
- ME Guide, Phd Guide

6. Appreciation: To encourage students & Faculties, The student of the year award & The faculty of the year award





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11. Innovation Cell :

Dr. Nadir Charnia

Name : IIC, VRC, E-Cell, LBS

Action Plan

IIC: 2021-22 1) Will motivate more number faculty members to participate in the innovation ambassador training programs

2) Increase number of faculty and student participation in the training programs as per the guidelines of MIC

3) Enhance the culture of research through paper publication, IPR and Patenting

4) Encourage to incubate, design, and develop innovative ideas, POCs, Prototype in various domains of technology in the tinkerers

LBS: The lbs action plan for 2021-22

Announce Committee ment and registration for LBS championship last date 21st September 2021

1. Stage 1- Ideation work shop and competition - 27 and 28 September 2021

2. Stage 2 - POC - 21st and 22nd October 2021 and result declaration, allocation of mentors

3. Stage 3-Prototype - 17th and 18th January 2022 , selection of teams to participate in finals

4. Stage 4 - Innovative implementation - 24th and 25th March 2022, declaration of winners (and grooming the teams for intercollegiate competitions.)

VRC :

1. Summer Internship (May - June)

2. Winter Internship (Dec-Jan)

3. Praxis - Technical Festival of VESIT (Feb-March)

4. Hackathon for VESIT students (Aug - Sep)

5. Webinars for faculty/students (technical)





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6. Faculty Development Programme (June)

Research Forum :

The research forum is planning to undertake following events during the academic year 2021-22,

1. Conduct research based seminars by national and international experts on the chosen domains.
2. Conduct a symposium that includes international speakers.
3. Initiate the procedure to host the international conference during the year 2022-23.
4. The research forum is also planning to apply for the grants for various research projects and conferences and symposiums as listed above.

VESIT E-Cell :

The research forum is planning to undertake following events during the academic year 2021-22:

- 1) Drive on 'My Thoughts about Entrepreneurship' (Aug 2021)
- 2) Facilitation of 'Project Deep Blue' (Aug 2021 - Feb 2022)
- 3) Students internships with StartUps (Summer 2022 or at a suitable period during the Academic Year for special cases.)
- 4) Wantrepreneurs Meet (Jan 2022)
- 5) Software Hackathon (Jan-Feb 2022)
- 6) Hardware Hackathon (Jan-Feb 2022)
- 7) Drive : 'Made in VESIT' (Mar-Apr 2022)
- 8) Expert Talks (throughout the Academic Year)





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12. Exam Committee : Dr. Saylee G.

Action Plan
1. Workshop for communication skills (E-mail writing, report writing etc.) for Department staff
2. Workshop for online working environment such as Meeting conduction in online mode ,google form creation applying security for Department staff.
3. Improvement in the security related to Marksheet ,Transcripts and special certificates issued by Institute
Requirements/ Resources
Improvement in the security related to Marksheet ,Transcripts and special certificates issued by Institute

13 Student's Affair Committee : Dr. Manoj Sabnis

Action Plan
bringing out students qualities like leadership and management at the class , year and college level
bring out the students event management skills
creating a healthy atmosphere of competition and hierarchy between the society members allocating them different portfolios in the society
bring out the cultural qualities of the students and encouraging them for intercollege and university level competitions
bring out physical development and mental relaxation among the students by the means of indoor and outdoor games
in the technical environment,also bring out the literature level liking of the interested students





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14. Students Welfare Committee : Prof. Smita J.

Action Plan

Proposing OHM JYOTI, NORTH STAR ROTARY CLUB, VES EDU. FUND, VES WELFARE SEC. VES EDU. FUND, SINKHAI FOUNDATION, VES SCHOLARSHIP A/C, VESIT ALUMNI and planning to give laptops to financially needy students.

Guiding students to apply for various scholarships.

15. Alumni Engagement Committee : Dr. Manoj Sabnis

Strategies for improvement

Action Plan

to increase the interaction of alumni with current students by arranging online and offline talks and panel discussions (V-reach)

to increase the placement activities

provide space for alumni in VESIT by starting incubation centres

reaching out a large number number of alumni through VESTAA website pages

increasing the interaction and networking within the alumnis by events like alumni mixers and alumni day

showcasing the college highlights to alumni by alumni publication VESTAA

16. Training and Placement :

Prof. Nagananda

Action Plan

Add ten (10) more companies visiting for campus recruitment

4 more co 10 lpa and above

4 New companies for core branches





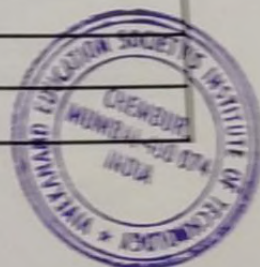
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17. Inclusivity and Diversity :

Dr. Rajani

Committee Name : Inclusivity and Diversity
Action Plan
Awareness drive WDC and action plan for the academic year 2021-22
Awareness drive SWC and action plan for the academic year 2021-22
Awareness drive Grievance Redressal Committee and action plan for the academic year 2021-22
Awareness drive Anti Ragging / Disciplinary Committee and action plan for the academic year 2021-22
Awareness drive Antisexual Harassment Committee and action plan for the academic year 2021-22
Awareness drive Students Welfare Committee and action plan for the academic year 2021-22
Awareness drive ICC and action plan for the academic year 2021-22
Awareness drive Committee for SC/ST and action plan for the academic year 2021-22
Awareness of Universal Human Values and action plan for the academic year 2021-22
Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens and action plan for the academic year 2021-22 and days to be celebrated as per the requirement of criterion 7
CONSTITUTION DAY - 26th November 2016
Republic Day and Independence day
Creating awareness among staff and students of the right and duty to Vote in elections at state and national level
Teachers day (5th September)
International Women's day (8th March)
International Yoga day (21st June)





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Independence day(15th August)
Republic day(26th January)
Marathi Bhasha Diwas 27th February
National Youth Day(12th January)
Vaachan Prerna Diwas Celebration (14th October)
Initiatives and efforts in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities
Marathi Bhasha Diwas 27th February
Surgical Strike Day(29th September)
Inclusion of divyangjan in student council, sports and cultural festivals
Introducing / mailing/displaying to the staff, faculty and students to the respective handbooks

18. Perception and Social Media : Prof. Sunny Nahar

Action Plan
Create a testimonial (Alumni or any Parent) for college as well as for department
Connect with the Admission team for college publicity and admission publicity , during the time of admission, which can boost admission and ease the process .
Archive of result, timetable to be implemented in phased manner
College level e-certificate repository via QR code
TLS/SSL certification of all VESIT sub domain
Student team will gather departmental and admission branding videos for publicly. For which necessary software is required
For Archive we need extended Domain space
Grant of TLS/SSL certification of all VESIT sub domain





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19. Research Forum

Dr. Machhindranath Patil

1. Conduct research based seminars by national and international experts on the chosen domains.
2. Conduct a symposium that includes international speakers.
3. Initiate the procedure to host the international conference during the year 2022-23.

The research forum is also planning to apply for the grants for various research projects and; conference and symposiums as listed above.

20. Advance Training

Dr. Sujata Khedkar & Dr. Nilima Warke

ETRX	Embedded System	30 hrs
	IoT	30 hrs
	Analog and Mixed signal design using Cadence software (if available)	40hrs
EXTC	Hands-on Wireless Communication (D-Link Academy)	1 week
	IT related training programmes for readiness placement (3-4 sessions)	1 week
INST	Embedded 'C' on 8051	30 hrs
	Cortex M4	30hrs
	Wifi ESP32-IoT	30hrs
	Machine Learning	10-15hrs
	Core 1 and Core 2 -LabVIEW course	40hrs





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	AIA-Basics of Integrated Automation	50hrs
COMP/IT/ MCA	Design Thinking	20 hrs
	Oracle Certification	30 hrs
	Microsoft Certification	30 hrs
	Cloudera Hadoop using Apache Spark	40 hrs
	Data Visualizations and Analytics	20 hrs
	Text Analytics for Business Intelligence	20 hrs
	AI for Healthcare	30 hrs
	Deep Learning	30 hrs
	Blockchain and Its Applications	30hrs
	NoSQL Databases and Analytics Programming	30hrs

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