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Vidyavardhini's College Of Engineering & Technology, Vasai Road

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(Approved by AICTE, DTE Maharashtra and Affiliated to University of Mumbai)

NBA & NAAC Accredited

Information Technology

Home»Information Technology

Dr. Thaksen ParvatProfessor & Head Of Department , Dean IT InfrastructureEstablished in 2000, the Department of Information Technology is amongst the premier Departments of VCET. Currently, it is running Under Graduate program, B.E in Information Technology with an intake of 60 seats. The Department is accredited by National Board of Accreditation (NBA) accredited fromJuly 2022 to June 2025and is affiliated to University of Mumbai.The Department of Information Technology (IT) aims at developing technical and experimental skills in students along with logical thinking so as to prepare them for competent, responsible and rewarding careers in IT profession. We strive to achieve the aim with young, dynamic and highly qualified faculty members, state of art infrastructure and Industry-Institution Interaction.The department has laboratories which are well equipped with latest configuration machines, high speed internet, Wi-Fi and legal licensed software. Modern aids such as LCD, Educational CDs make classroom teaching more interesting.We encourage extra-curricular activities as they help in developing the student?s personality which ultimately

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enhances her future. It is our constant endeavor to shape personalities who will contribute positively to the world around them

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Vision To foster and maintain excellence by orienting the captivating minds of the aspiring engineers towards IT- driven technological solutions for the benefits of the society. **Mission** To provide quality

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education, by employing best and diversified teaching practices and tools, and teaching beyond the confines of the university syllabus. To keep students abreast with latest technological advancements in the market. To prepare students to troubleshoot and solve IT system problems.

Vision

Mission

The composition of the DAB for the Department of Information Technology is as follows: Roles and Expectations: The roles and expectations of the DAB are as follows: To bring multi-dimensional thoughts together for improvement of the program. Review the progress of the Department and revise/realign the objectives of the program. Suggesting reforms in teaching-learning process to meet the current trends in the IT industry. To identify curriculum gaps and advice actions to bridge these gaps. Identify thrust areas to conduct different activities to improve employment of students. Members : 1. Dr. Harish Vankudre, Principal, VCET and Chairman DAB. 2. Dr. Vikas Gupta, Dean Academics VCET. 3. Dr. Thaksen Parvat (HOD-IT, VCET) 4. Dr. Sunil B. Wankhade (RGIT), HOD IT, Member BoS Information Technology Mumbai University Rajiv Gandhi Institute of Technology, (RGIT) 5. Mr. Nilesh Jain (Founder , Vervali), Founder Vervali Syatems Pvt. Ltd. ,6th Floor, KT Signature, Ambadi Road, Vasai West ? 4012026. Mr. Amod Nerurkar ,Director Raw Engineering, Virar 7. Mr. Gajanan Palsule , Chief Architect at Tata Consultancy Services 8. Mr. Mihir Dave (Digital), Business Head ? Digital. 9. Mr. Chandan Kolvankar, Assistant Professor, VCET 10. Dr. Archana Ekbote, Assistant Professor, VCET 11. Dr. Madhavi Waghmare (Secretary), Assistant Professor, VCET Frequency Of Meeting: Once per academic year

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The composition of the DAB for the Department of Information Technology is as follows:

Roles and Expectations:

Members :

Frequency Of Meeting:

MoU :2023-24MoU :2022-23MoU :2021-22MoU :2020-21MoU :2019-20MoU :2018-19

MoU :

MoU :

MoU :

MoU :

MoU :

MoU :

The composition of the PAQIC for the Department of Information Technology is as follows:Roles and

responsibilities:The roles and responsibilities of the PAQIC are as follows:Devise Standard

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Operating Procedure for assessment and evaluation of Outcome Based Education (OBE) for the program. Confirming the linkage of PO, PSO and CO with of institute and department vision, mission .Periodic review of assessment data & identification of gaps/shortfalls in program Recommend plan of action to bridge the gap and monitor its implementation Review of quality/relevance of assessment processes and tools for attainment of COs, POs and PSOs Preparing the compliance report as per requirement of accreditation activities Periodic revision of Program Educational Objectives (PEOs), PSO etc. The PAQIC Coordinator will hold the responsibility of scheduling of meeting, recording of Minutes and compiling the action taken report Members: 1. Dr. Thaksen Parvat, HOD, Department of Information Technology (Chairperson) 2. Dr. Ashish Vanmali, Associate Professor, Department of Information Technology 3. Mr. Chandan Kolvankar, Department of Information Technology 4. Dr. Archana Ekbote, Department of Information Technology 5. Dr. Vikas Gupta, HOD, Department of Electronics & Telecommunication Engineering 7. Dr. Uday Aswalekar, HOD, Department of Mechanical Engineering 8. Dr. Madhavi Waghmare, Department of Information Technology (Coordinator) Frequency Of Meeting: Minimum 2 per academic year

The composition of the PAQIC for the Department of Information Technology is as follows:

Roles and responsibilities:

Members:

Frequency Of Meeting:

Program Outcomes (POs): 1. Engineering knowledge: Apply the knowledge of mathematics, science,

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engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.2. Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.3. Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.9. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.10. Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.11. Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary

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environments.12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Program Educational Objectives (PEOs):

1. To produce skilled IT Professional to cater social/industrial needs.
2. To inculcate an ability to implement modern practices with ethical and professional responsibilities.
3. To establish graduate as Business Analyst, System Analyst, Data Scientist, Project Leader.

Program Specific Outcomes (PSOs): The graduates will be able to

1. Apply and implement IT solutions in allied fields of engineering to solve real word problems.
2. Identify social and industrial problems, provide creative solutions and become quality asset for society and industry.
3. Deploy secured solution using Information Technology practices and strategies.

Program Outcomes (POs):

Program Educational Objectives (PEOs):

Program Specific Outcomes (PSOs):

Dr. Thaksen Parvat Professor & HOD , Dean IT Infrastructure
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Ms. Anagha Patil Asst. Prof. (Ph.D pursuing)

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Pragati PatilAsst. Prof. (Ph.D pursuing)pragati.patil@vcet.edu.in

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Associate Professor

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Dr. Archana Ekbote

Dr. Madhavi Waghmare

Ms. Vaishali A. Shirsath

Mr. Sainath Patil

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Asst. Prof. (Ph.D pursuing)

Ms. Anagha Patil

Ms. Bharati Gondhalekar

Ms. Snehal Mhatre

Ms. Pragati Patil

Asst. Prof. (Ph.D pursuing)

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Faculty Patents and CopyrightFaculty AwardsFaculty PublicationsResearch Grants Received

Achievementssports/cultural activities at national/international level

HackathonCode CrazeStudent Development ProgramFaculty Development Program

Slide 1Network Communication LaboratoryLab in-chargeMr. Chandan KolvankarSoftware
InstalledLicense: Windows 11,Ubuntu 22.04, Node JS, Visual Studio 20-22 Pro, PYTHON , Android
StudioHardwareHP 280 PRO G6, I7 10th gen./ 8gb/256SSD/ 1TB HDD, 4 gb graphics Card (20
PC)FeaturesDual boot configuration, UPS Backup, Internet connectivity to every computer.Slide

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1Programming LaboratoryLab In-ChargeMs. Anagha PatilSoftware InstalledLicense: Windows 11,Ubuntu 22.04, Ms. Project, Java & Turbou C, TASM, R & R StudioHardwareHP 280 PRO G6 , I5 10500, 3.1 GHZ/ 8 gb RAM/ 1 TB+256M2 SSD (20 PC)FeaturesDual boot configuration, UPS Backup, Internet connectivity to every computer.Slide 1Data Science LaboratoryLab In-ChargeMs. Vaishali ShirsathSoftware InstalledLicense: Windows 11, ubuntu 22.04,Java , PYTHON , My SQL Workbench, Weka , Visual Studio 20-22 proHardwareHP 280 PRO G6 , I5 10500, 3.1 GHZ/ 8 gb RAM/ 1 TB+256M2 SSD(20 PC)FeaturesDual boot configuration, UPS Backup, Internet connectivity to every computer.Slide 1IOT LaboratoryLab In-ChargeMs. Bharti GondhalekarSoftware InstalledLicense: Windows 11,ubuntu 22.04NS2, Wireshark, Cisco Packet TracerHardwareHP 280 PRO G6 , I5 10500, 3.1 GHZ/ 8 gb RAM/ 1 TB+256M2 SSD (20 PC)FeaturesDual boot configuration, UPS Backup, Internet connectivity to every computer.Slide 1Devops LaboratoyLab In-ChargeMs. Pragati PatilSoftware InstalledLicense: Windows 11,ubuntu 22.04,,AnyDesk, Android Studio, PYTHON, Java, SWI Prolog and HaskellHardwareHP 280 PRO G6 , I5 10500, 3.1 GHZ/ 8 gb RAM/ 1 TB+256M2 SSD (20 PC)FeaturesDual boot configuration, UPS Backup, Internet connectivity to every computer.Slide 1Project LaboratoryLab In-ChargeMr. Sainath PatilSoftware InstalledLicense: Windows 11,Ubuntu 22.04, Rational Rose, Visual Studio,.NET Open Source: Java, Python, Android StudioHardwareHP 280 PRO G6 , I5 10500, 3.1 GHZ/ 8 gb RAM/ 1 TB+256M2 SSD (14 PC)HP 280 PRO G6, I7 10th gen./ 8gb/256SSD/ 1TB HDD, 4 gb graphics Card (20 PC)FeaturesDual boot configuration, UPS Backup, Internet connectivity to every computer.

Lab in-charge

Mr. Chandan Kolvankar

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Software Installed

License: Windows 11,Ubuntu 22.04, Node JS, Visual Studio 20-22 Pro, PYTHON , Android Studio

Hardware

HP 280 PRO G6, I7 10th gen./ 8gb/256SSD/ 1TB HDD, 4 gb graphics Card (20 PC)

Features

Dual boot configuration, UPS Backup, Internet connectivity to every computer.

Lab In-Charge

Ms. Anagha Patil

Software Installed

License: Windows 11,Ubuntu 22.04, Ms. Project, Java & Turbou C, TASM, R & R Studio

Hardware

HP 280 PRO G6 , I5 10500, 3.1 GHZ/ 8 gb RAM/ 1 TB+256M2 SSD (20 PC)

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Features

Dual boot configuration, UPS Backup, Internet connectivity to every computer.

Lab In-Charge

Ms. Vaishali Shirsath

Software Installed

License: Windows 11, ubuntu 22.04, Java , PYTHON , My SQL Workbench, Weka , Visual Studio
20-22 pro

Hardware

HP 280 PRO G6 , I5 10500, 3.1 GHZ/ 8 gb RAM/ 1 TB+256M2 SSD(20 PC)

Features

Dual boot configuration, UPS Backup, Internet connectivity to every computer.

Lab In-Charge

Ms. Bharti Gondhalekar

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Software Installed

License: Windows 11,ubuntu 22.04NS2, Wireshark, Cisco Packet Tracer

Hardware

HP 280 PRO G6 , I5 10500, 3.1 GHZ/ 8 gb RAM/ 1 TB+256M2 SSD (20 PC)

Features

Dual boot configuration, UPS Backup, Internet connectivity to every computer.

Lab In-Charge

Ms. Pragati Patil

Software Installed

License: Windows 11,ubuntu 22.04,,AnyDesk, Android Studio, PYTHON, Java, SWI Prolog and Haskell

Hardware

HP 280 PRO G6 , I5 10500, 3.1 GHZ/ 8 gb RAM/ 1 TB+256M2 SSD (20 PC)

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Features

Dual boot configuration, UPS Backup, Internet connectivity to every computer.

Lab In-Charge

Mr. Sainath Patil

Software Installed

License: Windows 11, Ubuntu 22.04, Rational Rose, Visual Studio, .NET Open Source: Java, Python, Android Studio

Hardware

HP 280 PRO G6 , I5 10500, 3.1 GHZ/ 8 gb RAM/ 1 TB+256M2 SSD (14 PC) HP 280 PRO G6, I7 10th gen./ 8gb/256SSD/ 1TB HDD, 4 gb graphics Card (20 PC)

Features

Dual boot configuration, UPS Backup, Internet connectivity to every computer.

Toppers: 22-23 SETEBE Dodiya Meet 8.7 CGPI Singh Shobit 8.77 CGPI Kadam Aaditi 9.37 CGPI Gharat Shruti 8.66 CGPI Abhishek Jani 8.64 CGPI Zaid Khan 8.64 CGPI Kolwankar Tejas: 9.27

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CGPIMaurya Akash 8.48 CGPIMalap Kedar 8.53 CGPIVedant Sankhe 8.96 CGPIShash Harshi 8.47 CGPIJadhav Omkar 8.52 CGPIMulla Insha 8.85 CGPIGupta Sima 8.41 CGPIVatsal Shah 8.40 CGPIVartak Viditi 8.76 CGPIToppers: 21-22SETEBEShah Vtsal 9.3 CGPIKolwankar Tejas 9.40 CGPIKadam Aaditi 9.40 CGPIMadhavani Soham : 9.16 CGPIMalap Kedar 9.20 CGPIChurihar Mohd Asim: 9.04 CGPIJadhav Granthali : 9.05 CGPIJani Abhishek 9.16 CGPIHegde Akhay: 8.80 CGPIDeorukhkar Jayesh: 8.96 CGPIDalvi Anish: 9.090 CGPIJain Yogesh 8.75 CGPIPandya Harsh : 8.91 CGPIBorase Dipak 9.085 CGPIBhalala Vaibhav : 8.73 CGPIBari Ruchi 8.81 CGPIToppers: 20-21SETEBEKolvankar Tejas 9.83 CGPIJadhav Granthali: 9.67 CGPIBandgar Saloni : 9.58 CGPISankhe Vedant 9.70 CGPIGupta Sweta: 9.66 CGPISingh Vivek : 9.18 CGPIKadam Aditi 9.68 CGPIYewale Hardik: 9.64 CGPISuthar Kirtesh: 8.97 CGPIModak Isha : 9.52 CGPIVartak Viditi 9.52 CGPISingh Sweety: 9.60 CGPIShenoy Ritika : 8.94 CGPIShah Devansh 9.46 CGPIShirke Shivani : 9.52 CGPISawant Shweta 8.93 CGP

Toppers: 22-23

Toppers: 21-22

Toppers: 20-21

Syllabus

:R12R16R19Honors & Minor Degree Program

:TEPO PSO COR16R19

Syllabus

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Honors & Minor Degree Program

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PO PSO CO

2024-25 Odd Sem2023-24 Even Sem2023-24 Odd Sem2022-23 Even Sem

Newsletter

Magazine

Committee Details

Staff Incharge

Prof. Bharati Gondhalekar

Menu

Useful Links

Contact