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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

Computer Engineering

The Department of Computer Engineering was established in the year 1999 to impart knowledge and develop practical skills in various areas of computer engineering. The Department offers an undergraduate program in Computer Engineering with a current intake of 180 seats. The Department was accredited by the National Board of Accreditation (NBA) from 2012?2015, reaccredited from July 2022 to June 2025, and is permanently affiliated with the University of Mumbai.

The Department has expert and well-trained human resources and state-of-the-art laboratories to impart domain-specific knowledge in the areas of programming, database management, operating systems, web development, networking, artificial intelligence, machine learning, deep learning, etc. The faculty uses various instructional pedagogies, innovative techniques, and ICT tools to enhance the teaching-learning process.

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The Department motivates its students to participate in co-curricular and extra-curricular activities essential for the development and nurturing of team spirit and organizational skills. The Department is associated with the Computer Society of India (CSI). The Department has a local Code-chef chapter, Bit-Byte-Go, which provides a peer learning platform to develop coding skills. The Department also has a student-driven Android Application Development Club, a Meta-Club, and a Microsoft Learn Students Club to foster peer learning and skill development in the respective areas. The Department publishes a newsletter, an e-magazine, and a wall magazine designed by students, which encompasses articles contributed by students and faculty. Various self-learning opportunities are provided to the students through platforms such as e-Yantra Robotics Laboratory (in association with IIT Bombay), Virtual Laboratory, Infosys Springboard, Swayam, etc. The Department encourages students for various IPR activities such as publications, copyrights, and patents. The Department provides placement and higher studies support through various guidance sessions.

The Department provides various opportunities for the students to get industrial exposure through internships, guest lectures, seminars, workshops, industrial projects, product development, and activities through Memorandums of Understanding (MoU).

The Department has sound alumni connections through various social media and professional platforms.

VisionTo evolve as a center of excellence in the field of Computer Engineering to cater the industrial & societal needs.MissionTo provide quality technical education with the aid of modern resources.To

inculcate creative thinking through innovative ideas and project development.To encourage Life-long learning, leadership skills, entrepreneur skills with ethical & moral values.

Vision

Mission

The composition of the PAQIC for the Department of Computer Engineering is as follows:

Members:

Frequency Of Meeting:

Roles and responsibilities:

Departmental Advisory Board (DAB)The Departmental Advisory Board (DAB) has been formed with the purpose of remaining up to date with the latest requirements of the industry, academics and incorporating necessary components in the curricular and extracurricular activities.The DAB is composed of representative members from eminent institutions, industry, alumni, parents, students and faculty of the department.Following are the members of the committee for three consecutive academic year starting from 2021-22.SR.NO.NAME OF THE MEMBERDESIGNATIONORGANIZATIONROLE IN DAB1Dr. Harish

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VankudrePrincipalVCET, VasaiChairman2Dr. Vikas GuptaDean

, AcademicsVCET, VasaiDean3Dr. Megha TrivediHOD, CompsVCET, VasaiHOD4Dr. Swapna BordeAsst.

ProfessorVCET, VasaiSr. Faculty5Dr. Subhash ShindeVice-PrincipalLTCOE &
Member BOS, Comp Engg, UoMUniversity Representative6Mr. Gaurav GhelaniAcademic Relationship Manager India West & CentralTCS MumbaiIndustry Representative7Mr. Sachin SadreFounder/DirectorDigital Dojo OPC Pvt. Ltd.Industry Representative8Mr. Rahul MhatreSenior Engineering ManagerSAG Banglore Tech. Ltd.Industry Representative9Mr. Shailesh JainSoftware EngineerWalmart Labs IndiaAlumni

Representative10Mr. Ritesh PuthranAssociate DirectorCloud SolutionsAlumni Representative11Mr. Ayub PatelEducatorVartak College, VasaiParent Representative12Ms. Akhila AnilkumarB.E. Computer EngineeringVCET, Vasai.Student Representative13Mr. Aditya LawateT. E. Computer EngineeringVCET, VasaiStudent Representative14Mr. Anil HingmireAssistant ProfessorVCET, VasaiConvener

Departmental Advisory Board (DAB)
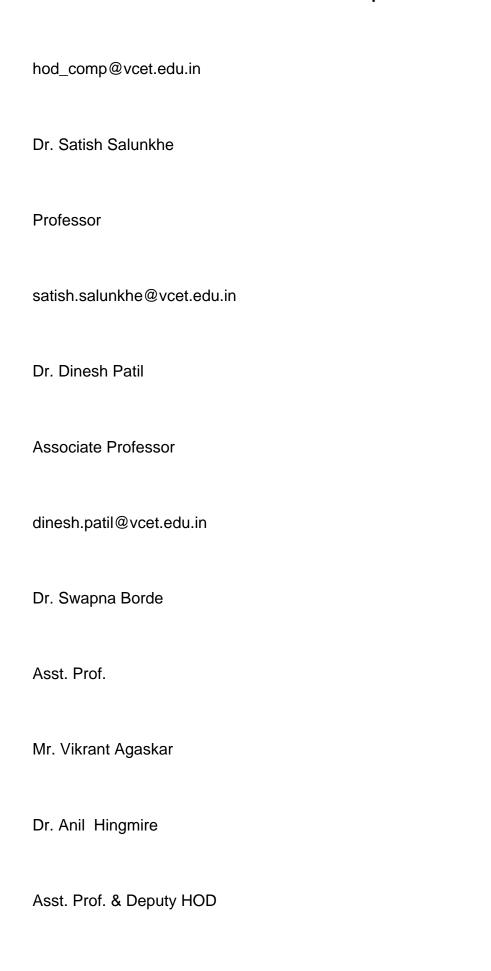
Program Outcomes (POs):

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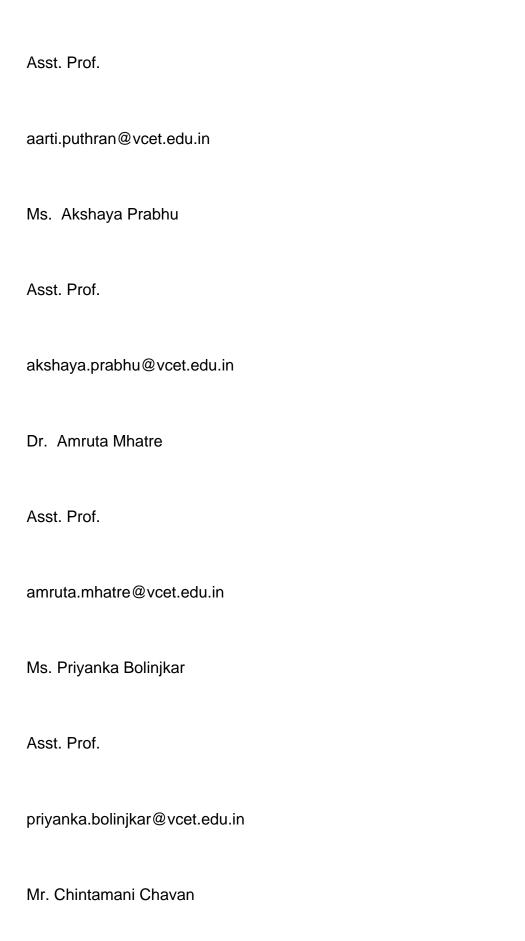Program Educational Objectives (PEOs):

Program Specific Outcomes (PSOs):

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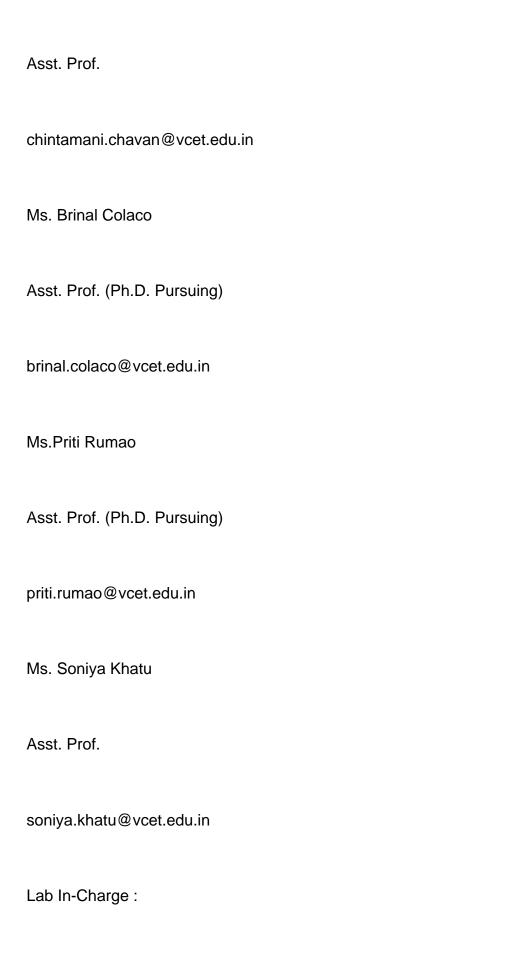
Asst. Prof.

soniya.khatu@vcet.edu.in

Lab In-Charge :

Scraped Data

Mr. VIKRANT AGASKAR & Ms. SNEHA MHATRE

Software installed :

OS ? Windows 11 and Linux .SW- TC, JAVA, Google Chrome.

Hardware :

PC ? HP Core i5 ? No. 20 , Printer ? Dot Matrix, Laser printer, LCD Projector, Network switch etc.

Features :

Latest PC configuration with dual boot OS and All licensed SW with Internet enabled on all PC.

Lab In-Charge :

Dr. TATWADARSHI P.N.

Software installed :

OS ? Windows 11 and Linux .SW- TC, JAVA, Google Chrome.

Hardware :

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PC ? HP Core i5 ? No. 16 , HP Core i5 with GPU ? No. 06, Printer ? Dot Matrix, Laser printer, LCD Projector, Network Switch etc.

Features :

Latest PC configuration with dual boot OS and All licensed SW with Internet enabled on all PC.

Lab In-Charge :

Mr. ANIL HINGMIRE & Dr. SWAPNA BORDE

Software installed :

OS ? Windows 11 and Linux .SW- TC, JAVA, Google Chrome.

Hardware :

PC ? HP Core i5 with GPU ? No. 19 , Printer ? Dot Matrix, Laser printer, LCD Projector, Network Switch etc.

Features :

Latest PC configuration with dual boot OS and All licensed SW with Internet enabled on all PC.

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Lab In-Charge :

Ms. SMITA JAWALE

Software installed :

OS ? Windows 11 and Linux .SW- TC, JAVA, Google Chrome.

Hardware :

PC ? HP Core i5 ? No. 21 , Printer ? Dot Matrix, Laser printer, LCD Projector, Network Switch & HP

Server 01 .

Features :

Latest PC configuration with dual boot OS and All licensed SW with Internet enabled on all PC.

Lab In-Charge :

Dr. DINESH PATIL

Software installed :

OS ? Windows 11 and Linux .SW- TC, JAVA, Google Chrome.

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Hardware :

PC ? HP Core i5 ? No. 20 , Printer ? Dot Matrix, Laser printer, LCD Projector, Network Switch etc,

Features :

Latest PC configuration with dual boot OS and All licensed SW with Internet enabled on all PC.

Lab In-Charge :

Mr. SUNIL KATKAR & Ms, SWATI VARMA

Software installed :

OS ? Windows 11 and Linux .SW- TC, JAVA, Google Chrome.

Hardware :

PC ? HP Core i5 ? No. 20 , Printer ? Dot Matrix, LCD Projector, Network Switch etc.

Features :

Latest PC configuration with dual boot OS and All licensed SW with Internet enabled on all PC.

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SETEBE1. SWARA GHARAT : 9.61 CGPI1. AKHILA ANILKUMAR : 9.72 CGPI1. PRACHI PATIL : 9.62 CGPI2. BRAMHETI PATIL : 9.25 CGPI2. DIMPLE KHUMAN : 9.22 CGPI2. DHANISHA RAUT : 9.57 CGPI3. NISHANT BHANDIGARE : 9.223. KSHITIJ PATIL : 9.09 CGPI3. MOHIT SUNGH : 9.55 CGPI3. SARVESH KALE : 9.55 CGPI

Syllabus

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Revised 2019-20

Honors & Minor Degree Program

PO PSO CO

Patents Published

:Patent-1: Mr. Anil HingmirePatent-2: Dr. Tatwadarshi P.N.Patent-3: Mr Anil Hingmire.Patent-4: Dr. Dinesh Patil.Patent-5: Dr. Tatwadarshi P.N.Patent-6: Mr. Sunil KatkarPatent-7: Mr. Sunil KatkarPatent-8: Ms. Amruta MhatreCopyrights Registered:Copy-1: Mr. Anil HingmireCopy-2: Dr. Tatwadashi P.N.Copy-3: Dr. Megha TrivediCopy-4: Dr. Tatwadarshi P. N.Copy-5: Dr. Tatwadarshi P. N.Copy-6: Dr. Tatwadarshi P. N.Copy-7: Ms. Sneha MhatreCopy-8: Ms. Sneha MhatreCopy-9: Ms. Sneha MhatreCopy-10: Ms. Sneha MhatreCopy-11: Ms. Sneha MhatreCopy-12: Ms. Sneha MhatreCopy-13: Mr. Vikrant AgaskarCopy-14: Mr. Sunil KatkarCopy-15: Dr. Tatwadarshi P. N.Copy-16: Dr. Tatwadarshi P. N.Copy-17: Dr. Tatwadarshi P. N.Copy-18: Dr. Tatwadarshi P. N.Copy-19: Mr. Sanket PatilCopy-20: Dr. Megha TrivediCopy-21: Dr. Megha TrivediCopy-22: Dr.

Swapna BordeCopy-23: Dr. Dinesh Patil

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Innovation in Teaching Learning :Year 2023-24 Odd SemYear 2022-23 Even SemYear 2022-23 Odd SemYear 2021-22Year 2020-21

Innovation in Teaching Learning :

MoU :MoU List

MoU :

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Time Table

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Staff Incharge

Mr. Vikrant Agaskar

STUDENTCOMMITTEE:

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