What is the syllabus for first year of engineering?: Please visit https://vcet.edu.in/wp-content/uploads/2021/11/FE-Fin
To join VCET (assuming you mean Vidyalankar College of Engineering and Technology), here are the general steps typ

Check Eligibility Criteria:

Visit the official VCET website or admission brochure to understand the eligibility criteria for the course you are inter
Application Form:

Obtain the application form either online through the college website or in person from the admission office.
Fill out the application form completely and accurately with all required details.
Documents Required:

Gather the necessary documents such as:
Mark sheets/certificates of Class 10 and Class 12 (and Graduation if applicable).
Transfer certificate (TC) from the last attended institution.
Migration certificate (if applicable).
Entrance exam scorecard (if required).
Caste certificate (if applying under reserved category).
Passport-sized photographs.
Submission:

Submit the filled application form along with the required documents to the admission office of VCET within the spec
Pay the application fee, if applicable, as per the instructions provided.
Entrance Exam (if applicable):

If admission is based on an entrance exam (like JEE Main, MHT-CET, etc.), ensure you have taken the exam and have
Follow any specific instructions regarding the submission of exam scores.
Merit List and Counseling:

VCET will typically publish a merit list based on the criteria set (which may include entrance exam scores and/or acad
Shortlisted candidates will be called for counseling sessions where seats will be allocated based on merit and availab
Seat Confirmation and Admission:

If you are allotted a seat during counseling, you will need to confirm your acceptance by paying the admission fees a
This may include verification of original documents and submission of additional forms.
Commencement of Classes:

Once the admission process is completed and fees are paid, you can attend the orientation program and start your c
Post-Admission Formalities:

Familiarize yourself with the campus, rules, and regulations of VCET.
Obtain your student ID card and other necessary documents provided by the college.
It's important to note that specific details and requirements may vary from year to year or based on the course you a
bsite or contact their admission office directly for the most accurate and updated information regarding the admissi

COMPUTER ENGINEERING

The Department of Computer Engineering, established in 1999, offers an undergraduate program with 180 seats and
022-2025. Permanently affiliated with the University of Mumbai, the department features expert faculty and state-of
ing systems, web development, networking, AI, machine learning, and deep learning. Innovative pedagogies and ICT
cipate in co-curricular and extra-curricular activities to develop team spirit and organizational skills, supported by ass
s such as Bit-Byte-Go, Android Application Development Club, Meta-Club, and Microsoft Learn Students Club. The de
and provides self-learning opportunities through platforms like e-Yantra Robotics Laboratory, Virtual Laboratory, Inf
perty activities, offering placement and higher studies support through various guidance sessions, and facilitates ind
workshops, industrial projects, and MoUs.

ChatGPT

Computer engineering offers a wide range of career opportunities due to its intersection of computer science and el
ths within computer engineering:

Software Developer/Engineer: Design, develop, and maintain software applications and systems. This includes every

Hardware Engineer: Design and develop computer hardware components such as circuit boards, processors, memo

Embedded Systems Engineer: Focus on designing and programming embedded systems, which are dedicated comp
vices).

Network Engineer: Design and manage computer networks, ensuring efficient data communication between devices

Systems Architect: Plan and design complex computer systems and networks, considering scalability, security, and in

Cybersecurity Engineer: Protect computer systems and networks from cyber threats by implementing security meas

Machine Learning Engineer: Develop and deploy machine learning models and algorithms, often within applications
analytics.

Robotics Engineer: Design and build robots and robotic systems, integrating hardware and software components for

Data Scientist: Analyze large datasets to extract meaningful insights using statistical techniques, machine learning alg

Game Developer: Create interactive video games by designing game mechanics, developing game engines, and integ

Artificial Intelligence (AI) Engineer: Develop AI systems and applications that can perform tasks requiring human-like
autonomous driving.

Cloud Engineer: Manage and optimize cloud computing infrastructure and services, including deployment, maintena

IT Consultant: Provide strategic advice and solutions to organizations on how to utilize technology effectively to achie

Entrepreneur/Startup Founder: Start your own tech company, developing innovative products or services based on c

Academic/Researcher: Conduct research in academia or industry labs to advance knowledge and technologies in com
ments.

Each of these career paths offers unique opportunities for growth and specialization within the field of computer eng
interests, skills, and the specific industry or domain one wishes to work in. Additionally, the field continues to evolve
tion such as quantum computing, blockchain technology, and Internet of Things (IoT), among others.

Computer Science and Engineering (Data Science)
The Department of Computer Science & Engineering (Data Science) at our institution, established in 2019, offers a ro
postgraduate program (M.E. CSE-DS) soon. Focused on transforming unstructured data into actionable insights thro
ps students with skills in programming languages like Java, R, and tools such as Apache Spark and Hadoop. Emphasiz
manipulation, machine learning algorithms, and big data concepts. Students engage in various co-curricular and ext
the Android Application Development Club. The department publishes newsletters and encourages intellectual prop
platforms. Accredited by NBA until June 2025 and affiliated with the University of Mumbai, our vision is to lead in futu
ry excellence in Computer Science and Engineering with a strong focus on Data Science
Certainly! Computer Science and Engineering (CSE) is a diverse field that offers a wide array of career opportunities a
les. Here are some popular career paths within CSE:

Software Developer/Engineer: Design, develop, and maintain software applications and systems. This includes progr
latforms.

Data Scientist: Analyze and interpret complex data sets to extract insights and drive decision-making processes using
isualization tools.

Machine Learning Engineer: Design and build machine learning systems and models that can learn and make predic
e processing, computer vision, and recommendation systems.

Artificial Intelligence (AI) Engineer: Develop AI systems and applications that exhibit human-like intelligence, includin
mous driving.

Cybersecurity Analyst/Engineer: Protect computer systems and networks from cyber threats by implementing securi
ts.

Network Engineer: Design, implement, and manage computer networks to ensure efficient data communication, incl
ss networks.

Systems Analyst: Analyze and optimize computer systems and processes to improve efficiency and performance, oft

Database Administrator: Design, implement, and maintain databases to ensure data integrity, security, and availabili

Web Developer: Design and create websites and web applications, using programming languages and frameworks t

Cloud Engineer: Manage and optimize cloud computing infrastructure and services, including deployment, maintena

Mobile Application Developer: Design and develop mobile apps for smartphones and tablets, focusing on platforms

Software Quality Assurance (QA) Engineer: Test software applications to ensure they meet quality standards and per

UX/UI Designer: Design user interfaces and experiences for software applications and websites, focusing on usability

Technical Support Engineer: Provide technical assistance and troubleshooting solutions to users and organizations e

Research Scientist: Conduct research in academia, industry, or government institutions to advance knowledge and te

Artificial Intelligence and Data Science
The Department of Artificial Intelligence and Data Science, headed by Dr. Tatwadarshi Nagarhalli, was established in
ially offering 30 seats in its first academic year for the B.E. program, the intake was doubled to 60 seats by the follow
t AI and data science engineers who embody professionalism and civic responsibility. It boasts young, dynamic, high
d state-of-the-art facilities, creating a conducive environment for a coherent teaching-learning process. The departm
ents in collaboration with student chapters and encourages participation in IPR activities, including research papers,
velopment through outcome-based education methods and extracurricular activities like sports, cultural events, tech
ision is to foster proficient AI and data science professionals making significant contributions to industry and society
olving challenges in emerging areas, inculcate standard industrial practices and security norms in dealing with data,
gram outcomes include applying engineering knowledge to solve complex problems, designing solutions with public
tions, using modern engineering tools, assessing societal and environmental impacts, adhering to ethical principles,
aging projects, and engaging in lifelong learning. The program educational objectives focus on analyzing current tren
nternational forums, and developing AI and data science-based solutions for industry and society.
Certainly! Here are some promising career opportunities within the field of Artificial Intelligence and Data Science (AI
igence, machine learning, and data science:

Machine Learning Engineer: Design and implement machine learning models and systems that can learn from and m
and applying various algorithms and techniques to solve real-world problems.

Data Scientist: Analyze complex datasets to uncover patterns, trends, and insights that can inform business decision
achine learning, and data visualization techniques to extract valuable information from data.

AI Research Scientist: Conduct research to advance the field of artificial intelligence by developing new algorithms, m
tting-edge projects related to natural language processing, computer vision, robotics, and more.

AI Software Developer/Engineer: Develop and deploy software applications that incorporate AI and machine learning
components into existing systems, and optimize performance.

Deep Learning Engineer: Specialize in deep learning techniques, such as neural networks and deep neural networks,
al language processing, and autonomous systems.

Computer Vision Engineer: Develop algorithms and systems that enable computers to interpret and understand visu
n applications like facial recognition, object detection, and autonomous driving.

Natural Language Processing (NLP) Engineer: Build systems and algorithms that understand and generate human la
language translation, and chatbots.

Big Data Engineer: Design and manage large-scale data processing systems and infrastructure that handle massive v
ta storage and retrieval, and ensure data quality and reliability.

AI Ethics and Bias Specialist: Address ethical considerations and biases in AI systems and algorithms. AI ethics specia
ligned with ethical principles.

AI Product Manager: Lead the development and launch of AI-powered products and solutions. AI product managers
prioritize features, and drive product strategy.

Robotics Engineer: Design and develop robotic systems that incorporate AI and machine learning capabilities. Robot
robotic perception.

AI Consultant: Provide strategic advice and solutions to organizations on how to leverage AI and data science to solv

Healthcare AI Specialist: Apply AI and data science techniques to healthcare-related problems, such as medical imag
are operations optimization.

Financial AI Analyst: Use AI and machine learning to analyze financial markets, predict trends, optimize investment p
ns.

AI Entrepreneur/Startup Founder: Launch your own AI-focused startup or venture, developing innovative AI solution
ges.

Mechanical Engineering
The Department of Mechanical Engineering, established in 1994, and the Department of Electronics and Telecommu
owned for their robust academic programs and strong industry connections. Both departments offer undergraduate
nal Board of Accreditation (NBA) until June 2025, with permanent affiliation to the University of Mumbai. The Mechan
ate-of-the-art infrastructure and laboratories, imparting expertise in design, thermal sciences, manufacturing, and re
rial visits, expert lectures, internships, and projects like Formula Car and Solar Car manufacturing. The EXTC Departm
bs and software, supported by industry partnerships, including Texas Instruments. It emphasizes hands-on learning
l visits, ensuring students are industry-ready. Both departments foster holistic development through co-curricular ar
, ISHRAE, VMEA, IEEE, and IETE student chapters. They aim to develop technical, managerial, and communication skil
lifelong learning.
Mechanical engineering is a broad field that encompasses various disciplines involving the design, development, and
table career opportunities within mechanical engineering:

Mechanical Design Engineer: Design and develop mechanical systems, components, and products using CAD (Compu
, performing simulations, and optimizing designs for functionality and manufacturability.

Manufacturing Engineer: Improve and optimize manufacturing processes to enhance efficiency, reduce costs, and en
ction teams to implement new technologies and methodologies.

Automotive Engineer: Design and develop vehicles, systems, and components for the automotive industry. Automoti
ehicle dynamics, and safety features.

Aerospace Engineer: Design and develop aircraft, spacecraft, and related systems and components. Aerospace engin
d structural design to ensure the safety and performance of aerospace vehicles.

Energy Engineer: Work on the design and implementation of energy systems and technologies, including renewable
y-efficient HVAC (Heating, Ventilation, and Air Conditioning) systems for buildings.

HVAC Engineer: Design heating, ventilation, and air conditioning systems for residential, commercial, and industrial b

fort, and energy efficiency.

Mechatronics Engineer: Integrate mechanical, electrical, and control systems to design and develop automated mach
such as manufacturing, automotive, and consumer electronics.

Materials Engineer: Research, develop, and test materials for use in mechanical systems and products. Materials eng
al conductivity to optimize material selection for specific applications.

Marine Engineer: Design and develop ships, submarines, offshore platforms, and marine propulsion systems. Marin
tecture to ensure the seaworthiness and performance of marine vessels.

Process Engineer: Design and optimize industrial processes and equipment for manufacturing operations. Process e
erage production, pharmaceuticals, and oil refining.

Robotics Engineer: Design and develop robotic systems for various applications, including industrial automation, hea
ponents with sensors, actuators, and control systems to create autonomous and semi-autonomous robots.

Structural Engineer: Design and analyze structures such as buildings, bridges, dams, and pipelines to ensure they ca
use principles of mechanics and materials science to ensure structural integrity and safety.

Consulting Engineer: Provide specialized engineering expertise and advice to clients across different industries. Cons
ation, failure analysis, regulatory compliance, and project management.

Research and Development (R&D) Engineer: Conduct research and experiments to innovate and develop new techno
ers collaborate with multidisciplinary teams to advance technological solutions and address industry challenges.

Project Engineer/Manager: Manage engineering projects from conception through to completion, ensuring deadlines
activities, communicate with stakeholders, and oversee project execution.

Electronics and Telecommunication

The Department of Electronics and Telecommunication Engineering (EXTC), established in 1994 and led by Dr. Amrita
ously evolved to meet industry needs with highly qualified faculty and staff. Offering an undergraduate program with
5 and is permanently affiliated with the University of Mumbai. It boasts advanced laboratories, industry labs set up b
es. The department is associated with international and national student chapters like IEEE and IETE and regularly co
he all-round development of students through Outcome Based Education systems and extracurricular activities. With
upport, encourages industry projects, internships, and organizes industrial visits to provide practical learning opport
udents to contribute their skills globally.Electronics and Telecommunication Engineering (EXTC) is a specialized field w
oping, and managing electronic systems and communication networks. Here are some prominent career opportunit

Telecommunications Engineer: Design and optimize telecommunications networks, including mobile and broadband
Telecommunications engineers ensure efficient data transmission and network reliability.

RF (Radio Frequency) Engineer: Design and develop RF circuits and systems used in wireless communication devices
nes, Wi-Fi routers, radar systems, and microwave communication.

Embedded Systems Engineer: Design and develop embedded systems for various applications, including consumer e
mation. Embedded systems engineers integrate hardware and software components for specific functionalities.

Signal Processing Engineer: Develop algorithms and techniques for processing and analyzing signals, such as audio, v
cations such as speech recognition, image processing, and digital communications.

Digital Design Engineer: Design and develop digital electronic circuits and systems, including microprocessors, FPGA
essors (DSPs). Digital design engineers optimize circuits for performance, power efficiency, and integration.

Analog Design Engineer: Design and develop analog electronic circuits and systems, including amplifiers, filters, and
sure that circuits meet performance specifications and reliability standards.

Network Engineer: Design, implement, and manage computer networks, including LANs (Local Area Networks) and W
security, and performance optimization.

Wireless Communications Engineer: Develop and optimize wireless communication systems and protocols, including
tion) systems. Wireless communications engineers address challenges such as signal propagation, interference, and

Power Electronics Engineer: Design and develop power electronic circuits and systems, including converters, inverter
ions such as renewable energy systems, electric vehicles, and industrial power supplies.

Telecom Software Engineer: Develop and maintain software applications and systems for telecommunications netwo
r relationship management (CRM) software.

Antenna Engineer: Design and optimize antenna systems for wireless communication devices and networks. Antenn
and electromagnetic compatibility (EMC).

Photonics Engineer: Design and develop optical communication systems and devices, including fiber optics, lasers, a
n applications such as optical networks and data transmission.

Broadcast Engineer: Design, operate, and maintain broadcasting equipment and systems for radio, television, and m
ideo transmission and broadcast signal integrity.

Satellite Engineer: Design and develop satellite communication systems and payloads, including satellite antennas, t
rk on aspects such as orbit determination, link budget analysis, and satellite system integration.

Research and Development (R&D) Engineer: Conduct research and innovate new technologies and solutions within e
demia, industry research labs, and corporate R&D departments to advance communication technologies and addres

Civil Engineering
Dr. Ajay Sudhir Radke
A warm welcome to the Civil Engineering department. The department of the Civil engineering is established in the 2
The Civil Engineering department aims a topmost Institution by generating professional with higher degree of techni
ment of Civil Engineering along with its multi-layered faculty sustains its robust relations with the industry and other
case and Vidyavardhini's National Project Showcase (VNPS). The students are always invigorated to participate extra-
uilding a team spirit and development of administrative skills results in their personality development. I believe that
ity of the department by presenting a extraordinary level of proficient ability in their corresponding job areas.
Civil engineering is a broad field that focuses on designing, constructing, maintaining, and managing infrastructure a
es within civil engineering:

Structural Engineer: Design and analyze structures such as buildings, bridges, dams, and towers to ensure they can w
al engineers use principles of mechanics and materials science to optimize structural integrity and performance.

Transportation Engineer: Design and plan transportation systems, including roads, highways, railways, airports, and
zing traffic flow, improving safety, and enhancing infrastructure efficiency.

Geotechnical Engineer: Evaluate soil, rock, and groundwater conditions to design foundations, slopes, retaining struc
gineers assess geological factors that affect project feasibility and stability.

Environmental Engineer: Address environmental issues related to construction projects, water resources, waste man
ects such as wastewater treatment plants, environmental impact assessments, and sustainable infrastructure design

Water Resources Engineer: Design and manage water-related infrastructure and systems, including dams, reservoirs
ts. Water resources engineers focus on ensuring water availability, quality, and sustainability.

Construction Manager: Oversee construction projects from planning and scheduling to budgeting and supervision. C
ensure projects are completed on time and within budget.

Urban Planning and Development Engineer: Plan and design urban areas and communities, focusing on land use, zo

practices. Urban planners collaborate with architects, policymakers, and community stakeholders.

Coastal Engineer: Design and manage coastal protection and restoration projects to mitigate erosion, manage storm
engineers consider factors such as wave dynamics, sediment transport, and sea-level rise.

Materials Engineer: Research, develop, and test construction materials such as concrete, asphalt, steel, and composi
ications, durability requirements, and environmental standards.

Surveyor: Conduct land surveys to establish boundaries, map terrain, and collect data for construction projects. Surv
System) and laser scanning to accurately measure and map land features.

Forensic Engineer: Investigate structural failures, accidents, and construction defects to determine causes and recom
estimony for legal cases and insurance claims.

Bridge Engineer: Design and maintain bridges and other transportation structures, ensuring safety, functionality, and
ads, environmental conditions, and material deterioration.

Risk and Resilience Engineer: Assess and mitigate risks related to natural disasters, climate change impacts, and infra
op strategies to enhance infrastructure resilience and minimize disruption.

Project Engineer: Manage engineering projects, coordinating technical activities, resources, and stakeholders. Projec
ure compliance with specifications and regulations.

Academic/Researcher: Conduct research and teach in academia or work in research institutions to advance knowled
technologies, sustainable practices, and infrastructure resilience.

These career paths within civil engineering offer opportunities for professionals to contribute to the planning, design

Electronics Engineering (VLSI Design and Technology)
Vidyavardhini's College of Engineering and Technology (VCET) is a renowned institution known for its dedication to a
LSI Design and Technology stands out as a specialized branch. This field specifically focuses on the intricate design a
ds to millions of transistors on a solitary chip. VLSI Design and Technology entails the process of crafting an integrate
rs onto a singular chip.

VLSI Design Technology plays a transformative role in today's tech-driven world, driving innovation, enabling connec
ns across industries, from computing and communication to entertainment and emerging technologies, making it a
Electronics engineering is a specialized field within electrical engineering that focuses on designing, developing, testi
ems. Here are some prominent career opportunities within electronics engineering:

Analog Design Engineer: Design and develop analog electronic circuits and systems, including amplifiers, filters, oscil
s ensure that circuits meet performance specifications and reliability standards.

Digital Design Engineer: Design and develop digital electronic circuits and systems, including microprocessors, micro
). Digital design engineers optimize circuits for speed, power efficiency, and integration.

Embedded Systems Engineer: Design and develop embedded systems, which are specialized computer systems desi
systems engineers work on applications such as automotive electronics, medical devices, IoT devices, and industrial

RF (Radio Frequency) Engineer: Design and optimize RF circuits and systems used in wireless communication devices
ones, Wi-Fi routers, satellite communication systems, and radar systems.

Control Systems Engineer: Design and implement control systems for automation and regulation of processes and s
s, industrial automation, automotive control systems, and aircraft flight control systems.

Telecommunications Engineer: Design and develop telecommunications systems and networks, including voice, data
applications such as mobile networks, satellite communication systems, and fiber optic networks.

Power Electronics Engineer: Design and develop power electronic circuits and systems, including converters, inverter
ions such as renewable energy systems, electric vehicles, and industrial power supplies.

Hardware Engineer: Design and develop hardware components and systems for electronic devices and equipment. I
sign, component selection, and testing.

VLSI (Very Large Scale Integration) Engineer: Design and develop integrated circuits (ICs) and semiconductor devices
ions such as microprocessors, memory chips, and ASICs (Application-Specific Integrated Circuits).

Field Applications Engineer (FAE): Provide technical support and solutions to customers using electronic components
troubleshoot issues, provide product demonstrations, and offer technical training.

Test Engineer: Develop and implement test strategies and procedures for electronic components, devices, and syste
y, and regulatory requirements through rigorous testing and validation.

Biomedical Engineer: Apply electronics engineering principles to develop medical devices and equipment for healthc
ical imaging systems, diagnostic equipment, and prosthetic devices.

ASIC Design Engineer: Design and develop Application-Specific Integrated Circuits (ASICs) tailored to specific applicat
mance, power consumption, and cost-effectiveness of integrated circuit designs.

Robotics Engineer: Design and develop electronic systems and control interfaces for robotic systems. Robotics engin
e autonomous or semi-autonomous robot operation.

Research and Development (R&D) Engineer: Conduct research and innovate new technologies and solutions within e
ch labs, and corporate R&D departments to advance electronic systems and devices.

first year engineering
The First Year Engineering department at VCET, established alongside the college in June 1994, offers foundational c
Mathematics, and Business Communication & Ethics. It supports a diverse range of undergraduate specializations in
neering (Data Science, 180 seats), Information Technology (60 seats), and Artificial Intelligence and Data Science (60 s
ring, Electronics and Telecommunication Engineering, Civil Engineering, and Electronics Engineering (VLSI DESIGN AN
prides itself on dedicated faculty, state-of-the-art laboratories, and a robust curriculum that integrates innovative tea
to foster holistic development through personalized counseling, supportive learning environments, and an induction
em with the institution's values and community.

Student's Council
A Student Council is an organized group of students elected by their peers to represent them in school or college ma
aders and advocates for the student body.

Objectives
• Foster leadership, represent student interests, and enhance the sense of community.
• Promote physical fitness, sportsmanship, and teamwork among students.
• Cultivate social responsibility, volunteerism, and community service.
• Nourish literary and creative talents, enhance language skills, and encourage critical thinking.
• Promote cultural exchange, unity, and celebrate India’s cultural diversity.
• These committees collectively contribute to the overall development of students, offering them opportunities for p
FE Orientation:
A formal meet is arranged for the FE students where in the convoluted domains pertaining to academics by means o
ientation is organized by Students’ Council where the freshers are imparted with few tips and tricks to tackle both ac
about the various clubs and committees within the college and the events that they participate in and conduct. They
nted with the basic rules and regulations of the college. A booklet is also provided to the students which includes the
events organized by student's council
Fresher’s Party:
Fresher’s Party’ the first event for the first-year students is hosted by Students’ Council at its apex grandeur and elab
ment, and anticipation among all the FE Students. Every year a theme is decided and title for Mr. and Ms. Fresher’s a
rein the first-year students participate and enjoy to their fullest.

Teacher’s Day :
5th September marks the Birth Anniversary of our former President and renowed teacher Dr. Sarwapalli Radhakrish
n keeping up with tradition of VCET, the teachers are welcomed with a rose and a card along with countless number
teaching and non-teaching staff are cordially invited for the same. The teachers enjoy the event and eventually engag
y ends in high spirits and appreciation from Teachers for Councils’ efforts.

Garba Night :
The auspicious festival of Navratri is celebrated by the staffs and students of VCET with great fever and enthusiasm.
ipal, after which the students and teachers dance to the upbeat and traditional Garba tunes played by the DJ. Studer
s and energetic Garba moves. There are prizes for energetic Garba moves and colourful costumes.

Zeal :
The annual cultural fest ZEAL is a fiesta encompassing every form of art be it dance, dramatics, music, literary or fine
the huge affluence of participants from all over Mumbai, most distinguished judges, and the most electric atmosphe
mals day and street funk. On the third day of pre-ZEAL, a grand inauguration is held wherein the distinguished and p
onour.
The Students' Council then begins preparing for the most anticipated cultural fest, that is ZEAL. When it comes to cul
college. From brainstorming ideas to watching the live streams of ZEAL is an experience that every Students' Counc
kes immense pride and gratitude for achieving everything that is planned every year with great success and joy.

BE Farewell :
With Zeal being on extravaganza of energy, enthusiasm, and electrifying aura to be in, the cherry on the cake for the
an over enthusiastic crowd who with their presence make the atmosphere a heavenly space. The BEs dance and gro
heir fullest.
Batch : 2023 – 2024

Cultural committee:
Objectives
• Foster leadership, represent student interests, and enhance the sense of community.
• Promote physical fitness, sportsmanship, and teamwork among students.
• Cultivate social responsibility, volunteerism, and community service.
• Nourish literary and creative talents, enhance language skills, and encourage critical thinking.
• Promote cultural exchange, unity, and celebrate India's cultural diversity.
• These committees collectively contribute to the overall development of students, offering them opportunities for p

events organized by cultural committee:
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about the various clubs and committees within the college and the events that they participate in and conduct. They
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The Students' Council then begins preparing for the most anticipated cultural fest, that is ZEAL. When it comes to cul
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BE Farewell :
With Zeal being on extravaganza of energy, enthusiasm, and electrifying aura to be in, the cherry on the cake for the
an over enthusiastic crowd who with their presence make the atmosphere a heavenly space. The BEs dance and gro
heir fullest.

Sports Committee

Objective
The VCET Sports Committee is the driving force behind the vibrant sports culture at Vidyavardhini's College of Engine
rk, and sportsmanship, we organize a wide array of sporting events throughout the academic year, culminating in ou
passionate individuals, we aim to inspire and empower students to excel in sports while fostering a sense of camara
events
FE Induction Program :
The Sports Committee leads the Induction program, promoting personal growth through sports. The primary goal of
us activities, fostering vital life skills like communication, leadership, and teamwork. In essence, this program not onl
valuable in personal and professional life, highlighting the committee's commitment to holistic development. In addi
ular training sessions and workshops to hone skills and foster a spirit of healthy competition among students. Throu
d sportsmanship, laying the foundation for lifelong passion and active engagement in sports.
Events organized by Sports committee:
AVAHAN :
Our annual inter-college sports festival, AVAHAN, embodies sportsmanship, enthusiasm, and skill.Every year, the spo
xtGenChamps". It is an intra and inter collegiate sports event which lasts for 15 days where all the students get to br
he atmosphere is filled with zest and cheers. This event includes sports activities like tug of war, box cricket, football
inton and many more igniting excitement among VCET students and participants from colleges across Mumbai.

AVAHAN 2024 marked a triumphant return after COVID-19 disruptions, fueled by the spirit of the VCET Sports Comm
ork, sportsmanship, and respect.

Sports are about more than winning; they promote fair play, equality, and justice. Participation builds skills, experien
look forward to growing and continuing this legacy in the coming years.

Literati
Home » Literati

Objectives
The magazine committee was remoulded and renamed and took its form as the LITERATI – THE LITERARY CLUB. The
about literature, art and display the outstanding work of our creative-minded vcetians through our annual college m
bers for our committee who put their heart and enthusiasm into making the year an insightful one.

Events organized by Literati:
Inaugraduation Of 'VISTA' :
We start our year with publishing our annual college magazine VISTA which is inaugurated by our Principal. VISTA is
poems written by our very own college students which motivate our young talent. The magazine is inaugurated by o
ck start their year. These magazines are then distributed to the entire college.

VCET Podcast Powered By LITERATI :
VCET Podcast powered by Literati is the latest venture by the team of Literati 2019. Famous personalities from differ
ch are inspiring and informative. Sharing their advice and life lessons and entertaining us with their fun life experien

Unscripted – Extempore :
Extempore is a speech competition where the topics are given on the spot so the students have to give their best in
ience speechless as they witness the great speakers unleash themselves to bring out the artist in them. This event br
CET.

Marathi and Hindi Kavi Sammelan :
Marathi and Hindi Kavi Sammelan are two poetry recitation competition which are hosted consecutively. These comp
ritten or other famous poems on stage. This helps them in facing the crowd and builds their confidence. The compet
creations are music to ears.

Faceoff :
The college hosts an interdepartmental debate competition, elevating the debate discourse to new heights and mark
nts compete, with representatives chosen based on their abilities by departmental judges from the winners of interm
asing the best of collegiate debate talent.

Faceoff – Intercollegiate :
Taking the debate to another level, an intercollegiate debate competition is held which is a proud success for the col
team represented by our very own college are selected based on their abilities by the judges of departmental debat
grand and worth watching.

Lit Fest :
Lit Fest is an one week literature festival. The event consist of many subevents namely : Writing Prompt, Literature Q
Students actively take part through online submissions. The committee keeps on adding new competition and game
he Lit fest clearly depicts the importance of literature. The fest is worth adoring and is a remarkable one

Marathi Bhasha Diwas :
This propitious event is organized for the teaching as well as non teaching staff of VCET to celebrate the glory of our
vigorously show their competitive spirits to win the various competition in marathi language like extempore, guess th
s. Best dressed departmental competition is also held on this day. It is always a memorable event for both staff as w
Seminar :
The Literati Club at VCET hosted the captivating seminar at the Academic Year in seminar hall, drawing literature ent
ing renowned speakers covering diverse literary topics and fostering interactive sessions, the event provided a platfo
ttendees left with renewed enthusiasm for literature, highlighting the seminar's success in fostering intellectual disco
t of literature and ideas.

NSS
Home » NSS

Objectives
The National Service Scheme (NSS) Government of India, Ministry of Youth Affairs & Sports provides an opportunity f
d community service activities & programs. The sole aim of the NSS is to provide hands-on experience to young stud
UDAAN was founded in the academic year 2014-2015 at VCET. Now UDAAN comes under the NSS committee of VCET
n and Students towards the social scenario of the society. We take great pride and honor in reporting the ascendanc
am where we find many interested and talented volunteers. All of them filled with great enthusiasm and zest started
events
Mega Donation :
The NSS-Udaan Committee of Vidyavardhini's College organized a week-long clothes donation drive between Septem
ed clothes, exceeding the drive's goal of providing for the underprivileged in the community. The success of the drive
n the future.

WALKATHON :
The NSS Unit of Vidyavardhini's College of Engineering and Technology, Vasai(W), participated in a walkathon organiz
minarayan Mandir in Vasai, the event featured speeches by chief guests and a police officer. Volunteers, including th
in chanting slogan 'Sadak Suraksha, Jeevan Raksha' and carrying posters. The walkathon, supervised by Maharashtra

BLOOD DONATION :
NSS Committee of Vidyavardhini's College of Engineering and Technology, in collaboration with the Leo Club of Vasai
, at the college campus. The event gathered 152 units of blood, thanks to enthusiastic volunteers who efficiently mar

Mega Donation Distribution :

The NSS unit of Vidyavardhini's College organized a Mega Donation Drive to promote social responsibility and help th
d items which were donated to Maratha Life Foundation. A retired military officer spoke to the volunteers about disc
experience.

Water Conservation Rally :
The NSS Unit of VCET participated in a 'Water Conservation Rally' on August 11, 2023, organized by the Vasai-Virar Mu
ly aimed to raise awareness about rainwater conservation. Participants marched with banners and posters, engaging
es emphasized the importance of water conservation, culminating in NSS students taking a pledge to support and pr

Jignyasa & Aakaar :
The Ek Bharat Shreshta Bharat Committee hosted a Ganesh Idol Making Competition with Odishian influences, follow
the entries for cultural authenticity, concluding with a prize ceremony and the principal's commendation on Septemb

Unity Day :
The NSS Unit of VCET celebrated Unity Day on October 31, 2023, honoring Sardar Vallabhbhai Patel's birth anniversa
nity, integrity, and India's cultural diversity. The pledge ceremony concluded with a renewed commitment to nationa
.

Yoga Day :
On June 21, 2023, VCET celebrated International Yoga Day with enthusiasm, aiming to promote physical and mental w
nvigorating asanas and breathing exercises, fostering inner peace and unity. The event highlighted yoga's benefits, in
iring a commitment to incorporating yoga into daily routines for a healthier, balanced life.

REPUBLIC DAY :
The Republic Day celebration at Vidyavardhini College Of Engineering And Technology featured Dr. Harish Vankudre
nal anthem sung by Dr. Yogesh Pingle Sir. An NSS-organized street play addressed societal discriminations, followed
elebration emphasized responsibilities in a democratic nation and inspired youth to contribute to social change.

Digital survey :
NSS volunteers conducted a Digital Survey in Golani Naka, Vasai East, assessing voter ID registration awareness. Res
only 45% understood the importance of voter ID registration, indicating a need for increased awareness..

SHRAMDAAN :
The NSS Unit of Vidyavardhini's College of Engineering and Technology participated in a Shramdaan event on Octobe
Vasai West Station to clean nearby roads, parks, and public spaces, promoting civic responsibility and environmenta
unity among participants while promoting a sense of responsibility.

Electoral Literacy Club :
The NSS Unit of Vidyavardhini's College of Engineering and Technology organized an Electoral Literacy Program to ra
their dedication through a traditional Marathi ballad performance, emphasizing the importance of voting and inspir

Cycle Rally :
The NSS unit of Vidyavardhini's College Of Engineering and Technology in Vasai organized an Energy Conservation Cy
and concluded safely by 5:30 P.M, saw participants including faculty members and NSS volunteers. The route covere
ough cycling. The successful event was supported by NSS Program Officer, Dr. Pradip Gulbhile Sir.

Leadership Training Program :
The NSS Leadership Training Program organised by Viva College emphasized leadership and social responsibility for
y gained insights through talks, activities, and NGO visits, fostering teamwork and creativity with sports, blood stem c

CONSTITUTION DAY :
VCET's NSS Committee organized a Constitution Day event to promote patriotism and awareness about the Indian C
n excerpts and a quiz covering its key aspects. Students participated enthusiastically, with prizes awarded to top per

ANTI-HUMAN TRAFFICKING :
On January 11th, 2024, the NSS Team organized an Anti-Human Trafficking Seminar. Speakers including Mr. Vikas Ga
icking. Inspector Sir shared ongoing cases, adding a practical dimension to the seminar. The event concluded with a
lective responsibility in the fight against human trafficking.

FE Orientation :
NSS organized an orientation program at Vidyavardhini's College of Engineering and Technology on August 8, 2023, f
pm. Discussions on committee events, skill development, and college life led by NSS leaders and the Program Office
reshers' academic journey.

Fit India Freedom Run :
Vidyavardhini's College of Engineering and Technology's NSS Unit joined the Fit India Swachhata Freedom Run on Oc
. Volunteers ran two kilometers around campus, picking up litter to support these goals. The event ended with a litte

Drug Abuse Seminar :
The VCET NSS seminar on International Day Against Drug Abuse and Illicit Trafficking educated students about the co
. It empowered students to combat drug abuse actively through awareness and preventive measures. The dedicatio
ent community and a drug-free society. All contributors were appreciated for their role in the event's success.

Central Library Timings and facilities :
Counter and Reading Room Timings
Monday to Saturday
8.30 a.m. to 8.00 p.m.
Closed on Saturday and Sunday and University declared holidays
No of books, E-books and Journals, Magazines information :
Sr. No□Collection of Library Resources□Vendor□No.
1.
Total no of Library Book
33979
2.
Total no of Reference books
12348
Ladies Common Room

A Ladies common room with contented seating arrangement is made available to all girl students and Lady Faculty m
corner, toiletries, and a huge mirror. The girl students spend productive time reading books, newspapers, and other
The girl students can also play various indoor games right from table tennis to carrom. The room is maintained clean
and recreation activities along with communication in the form of discussions. Medical aid and support is also provi
Academic and campus Facilities:

Classrooms: Well-equipped classrooms with modern teaching aids and comfortable seating.
Laboratories: Specialized labs for practical sessions in engineering disciplines such as computer labs, electronics labs
Library: A well-stocked library with a collection of books, journals, e-resources, and study spaces for research and stu
Auditoriums: Large auditoriums for seminars, workshops, cultural events, and academic presentations.
Conference Rooms: Smaller meeting spaces for group discussions and presentations.
Infrastructure:

Wi-Fi Connectivity: Campus-wide internet access to support academic and research activities.
IT Infrastructure: Computer facilities with necessary software and hardware for coursework and projects.
Maintenance: Regular maintenance of campus infrastructure including buildings, grounds, and facilities.
Student Support Services:

Counseling Services: Guidance and counseling services for academic and personal development.
Healthcare: Basic healthcare facilities or tie-ups with nearby clinics/hospitals for medical emergencies.
Student Clubs and Organizations: Various clubs, societies, and student organizations for extracurricular activities and
Sports and Recreation:

Sports Facilities: Grounds and courts for outdoor sports such as cricket, football, basketball, etc.
Indoor Sports: Facilities for indoor sports like table tennis, badminton, etc.
Fitness Center: Gym facilities for students to maintain physical fitness.

Food and Dining:

Cafeteria: On-campus dining options offering a variety of food and beverages.
Food Courts: Larger food courts or multiple dining options catering to different tastes and preferences.
Transportation:

Bus Services: Transportation services for commuting students, especially if the campus is located away from residen
Safety and Security:

Security Personnel: Trained security staff ensuring safety and security on campus.
Emergency Response: Protocols and systems for handling emergencies and ensuring student safety.
Green Spaces and Environment:

Green Campus Initiatives: Efforts towards sustainability, eco-friendly practices, and maintaining a pleasant environm

Sports & Gymkhana
Home » Sports & Gymkhana

About
Gallery
Sports Acheivements
At VCET the Gymkhana serves as the vibrant heart of our campus, pulsating with energy and opportunities for stude
tics, the Gymkhana offers a wide array of programs designed to cater to the varied interests of our students. More th
activities, where students come together to pursue their passions, cultivate new skills, and forge lasting friendships.
Following Sports Facilities are offered in Gymkhana
• Overarm Cricket
• Box Cricket
• Kabaddi
• Volleyball
• Basketball
• Throwball
• Girls Cricket
• Badminton
• Footvolley
• Chess
• Carrom
• Table Tennis
• Tug of War
• Arm-Wrestling
• Athletics

Gymkhana Timings :
Monday to Friday:
• 1.15 pm – 2.00 pm
• 4.00 pm – 6.00 pm

HACKATHON:

VCET-Hackathon is an inter-collegiate national level coding competition which involves 30 hours of incessant coding
some working prototype/solutions to address some worthy and challenging problems in these 30 hours after which
onitoring of the projects by the jury members. Several jury rounds are conducted in these 30 hours. Experts from to
panel who validates the projects/solutions of the participants. There has been a remarkable growth in the number o

Objectives :
To Orient Students Towards Building A Team.
To Orient Students Towards Innovative Thinking.
To Expose Students to Professional Business Applications.
To Drive Students Towards Tireless Pursuit of Problem-Solution

Placement
Home » Placement

Objectives
To provide necessary support for implementing the mandate of providing excellent career opportunities for the stud
To plan and execute tasks like student skills development, soft skills training and career guidance.
To plan and implement campus interview process.
To equip students with necessary technical and behavioral competencies by rigorous and meticulously designed skil
To provide all necessary facilities essential for the conduct of campus recruitment.
To formulate the strategy for roll-out of campus recruitment and placement policy for the campus eligible students.
To develop and sustain a long term mutually beneficial relationship with the industry.

Training
Home » Training

Training
To gear-up the students for facing the recruitment process successfully, an extensive pre-placement training on apti
o the students. The various measures taken in line with this are:
Scheduling of pre-placement training programs in conjunction with academic schedule
Conducting Aptitude Development training sessions right from the third year of UG program
Collaborating with leading training agencies like IMS, Campus credential, Career Launcher for conduction of Aptitude
uality training by seasoned trainers experienced in corporate education.
Conducting technical and domain specific training sessions
Orientation of students on core companies opportunities and preparations required for placements.
Identification of students' soft skills and Aptitude development/training needs and provide additional sessions either

Gaining from course books, lectures and other investigation material doesn't get the job done for all encompassing l
etter comprehension of work forms. Industry internships are sorted out to uncover the students for industry conditi
e students are urged to take up internship programs during their semester break. Training and Placement cell give th
industries. They additionally help the students by interacting with the industry persons, give them recommendation
Procedure:
At first Training and Placement cell issue a letter for summer/winter internship for each student.
Students submit this letter to individual organization/industry from where they need to seek training as an intern.
After completion of training, industry gives a certificate or assessment letter.
Students submit Xerox copy of their training certificate issued by industry to training and placement cell.
Students submit feedback and training report for the completed internship.
Some of the industries where students regularly go for Internships are:
SECURIZEN,Stelmec,J.P.Morgan,adani power,TATA Steel, Verdantis,Godrej Properties,Finden,Aarti Drugs Ltd,Mahindr

Recruiters at VCET
SECURIZEN,Stelmec,J.P.Morgan,adani power,TATA Steel, Verdantis,Godrej Properties,Finden,Aarti Drugs Ltd,Mahindr

For Computer Engineering,cut offs the highest percentile for DT/VJ NT1/2/3 is 98.6984977, while the lowest is 90.934
west is 87.6984872. For OBC, the highest is 90.683425 and the lowest is 73.3779089. The highest percentile for SC is
77.4193548, and the lowest is 71.1698646. EWS has a highest percentile of 89.6939217 and a lowest of 40.6521983. I
is 93.4617069.

In Electronics & Telecommunication, the highest percentile for DT/VJ NT1/2/3 is 90.0488423, with the lowest at 73.18
est of 61.4332053. For OBC, the highest percentile is 79.8081214, while the lowest is 49.6143282. The SC category sh
. ST has a highest percentile of 73.2701208 and a lowest of 78.8042854. The EWS category has a highest percentile o
r SBC is 55.9130075 and the lowest is 90.2917336.

For Information Technology,cut offs DT/VJ NT1/2/3 has a highest percentile of 93.2464234 and a lowest of 90.683425
86.8453057. For OBC, the highest percentile is 84.9532361 and the lowest is 74.4658288. The highest percentile for S
ercentile of 66.9527897 and a lowest of 86.1668982. EWS shows a highest percentile of 74.8671904 and a lowest of 8

west is 92.1023814.

In Mechanical Engineering,cut offs DT/VJ NT1/2/3 has a highest percentile of 91.2278745 and a lowest of 27.3241113 22.8844711. For OBC, the highest percentile is 80.7328826 and the lowest is 2.5710198. The highest percentile for SC ercentile of 77.6467951 and a lowest of 23.4527343. EWS shows a highest percentile of 28.923802 and a lowest of 86

For Civil Engineering,cut offs DT/VJ NT1/2/3 has a highest percentile of 68.401414 and a lowest of 37.7324111. JEEOP 244385. For OBC, the highest percentile is 52.2415622 and the lowest is 28.3793174. The highest percentile for SC is entile of 79.5863208 and a lowest of 42.5955447. EWS shows a highest percentile of 87.6216398 and a lowest of 7.64

In Computer Science & Engineering cut offs(Data Science),cut offs DT/VJ NT1/2/3 has a highest percentile of 92.15811 of 90.5447224 and a lowest of 80.0408747. For OBC, the highest percentile is 83.348395 and the lowest is 56.740502 23.2280676. ST has a highest percentile of 54.6296296 and a lowest of 91.0248095. EWS shows a highest percentile o SBC is 82.0912919 and the lowest is 89.2134094.

For Artificial Intelligence & Data Science cut offs, DT/VJ NT1/2/3 has a highest percentile of 94.8759338 and a lowest o 1 and a lowest of 84.4681938. For OBC, the highest percentile is 79.520817 and the lowest is 72.6119403. The highes ST has a highest percentile of 52.5521047 and a lowest of 86.9739855. EWS shows a highest percentile of 86.909511 811868 and the lowest is 84.4494892.

In Electronics Engineering (VLSI Design & Technology)cut offs, DT/VJ NT1/2/3 has a highest percentile of 91.7514817 a 61.2935921 and a lowest of 28.923802. For OBC, the highest percentile is 61.4332053 and the lowest is 27.145045. T 0974218. ST has a highest percentile of 46.8567142 and a lowest of 32.4663078. EWS shows a highest percentile of 8

Lastly, the TFWS category has the following percentiles:

Computer Engineering: Highest cut off - 95.660165, Lowest cut off- 94.5800227
Information Technology: Highest cut off- 94.1664477, Lowest cut off- 93.3965459
Mechanical Engineering: Highest cut off - 86.2561357
Civil Engineering: Highest - 87.6216398, Lowest - 7.6441136
Computer Science & Engineering (Data Science): Highest - 94.6206689, Lowest - 90.9958615
Artificial Intelligence & Data Science: Highest - 94.8759338, Lowest - 94.208479
The payment options available at VCET (Vidyalankar College of Engineering and Technology) for various fees and cha ferences and convenience. Here are common payment options that colleges like VCET often provide:

Online Payment:

Net Banking: You can pay fees directly from your bank account using net banking facilities. VCET may have tie-ups wi
Debit/Credit Cards: Payments can be made using major debit or credit cards (Visa, MasterCard, etc.) through a secur
NEFT/RTGS Transfer:

VCET may provide bank account details where you can transfer the fees using NEFT (National Electronic Funds Trans banking facility.
Demand Draft (DD):

You can generate a Demand Draft in favor of "Vidyalankar College of Engineering" payable at Mumbai and submit it
UPI (Unified Payments Interface):

Some colleges now accept UPI payments, where you can transfer funds directly from your UPI-enabled bank accoun
Cash Payment:

Depending on the college's policy and facilities, you may be able to make cash payments at designated counters or b
Payment through Payment Gateways:

Colleges often partner with third-party payment gateways that accept a variety of payment methods, ensuring flexib
Installment Plans:

In some cases, colleges may offer installment plans for paying tuition fees, especially for higher amounts, to ease fin