



SELF STUDY REPORT

FOR

2nd CYCLE OF ACCREDITATION

VIDYAA VIKAS COLLEGE OF ENGINEERING AND TECHNOLOGY

**VARAHOORAMPATTI VILLAGE, TIRUCHENGODE TALUK, NAMAKKAL.
637214**

www.vvcet.ac.in

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Vidyaa Vikas College of Engineering and Technology (VVCET) was established in the year 2007 by Vidyaa Vikas Educational and Charitable Trust. The management comprises of the following managing trustees Dr. S.Gunasekaran, Dr. T. O. Singaravel, Dr. S. Ramalingam and Dr. M. Muthusamy. VVCET is a unit of Vidyaa Vikas Educational Institutions, a premier education provider in Tiruchengode, having 11 Institutions, 17,000 students, offering various academic programmes. The College of Engineering and Technology has entered into 17th year of its glorious service to the student community. The college imparts quality education and continuous efforts were made in upholding quality practices. At present the college offers 6 undergraduate programs and 4 postgraduate programs. The under graduate programs are B.E (CSE, ECE, EEE, MECH, CSE(SC)) and B.Tech (AIDS) and post graduates programs are M.E.(CSE, ED), MBA and MCA. All the courses are approved by AICTE, Delhi and affiliated by Anna University, Chennai. The following UG courses B.E.(CSE, EEE, ECE) are permanently affiliated by Anna University, Chennai. Our college obtains a status of 2(f) and 12(B) from UGC. Our college is focusing on overall development on the students through participation in co-curricular and extracurricular activities. The college is known for its state-of-the-art infrastructure consisting of advanced laboratories, well stacked library and ICT facilities.

Vision

Our Vision

“To be a world class Engineering Institution in leading technological and socioeconomic development of the country by enhancing the global competitiveness of technical manpower and by ensuring high quality technical education through dissemination of knowledge, insights and intellectual contributions”

MAY ALL THE WORLDS BE HAPPY” – BABA

Mission

Our Mission

To offer Value based Education to prepare the students to acquire engineering knowledge, to make them fit for jobs, to serve the nation and to mould them as useful citizens with exemplary character.

THE END OF EDUCATION IS CHARACTER – BABA

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- Inviting, lovable and amicable working atmosphere

- Updated University curriculum to impart futuristic technical education to improve the student's standard in today's global arena.
- Well maintained state-of-art Building Infrastructure and Laboratory facilities.
- Various Cells to shape the students.
- Experienced, dedicated and highly qualified faculty members.
- Continuous encouragement is given to the faculty members in pursuing research leading up to Ph.D.
- Exploring through Innovative – Club.
- Students' life activities, mentoring, faculty appraisal, online student's feedback and use of advanced teaching aids.

Institutional Weakness

- The dearth of very well qualified senior professors especially for the core Engineering. However, the continuous effort is made by the management to recruit senior level faculty from reputed institutions.
- Majority of the students are from rural areas.
- R&D and Consultancy work in collaboration with national agencies and industries as resources of funding need to be improved.
- Despite taking up quality research work, there is a need to improve the collaborative research.
- Need to work together with professional society for the upliftment of the faculty and the student's community in resource sharing.

Institutional Opportunity

- Philanthropist alumni of our college, holding key post in almost all prominent cities in the world, help our deserving students to attain proper jobs.
- The awareness speeches delivered by prominent CEO's of leading companies help our students to become successful Entrepreneurs.
- Deserving students of our college are employed here, after the completion of the Master degree.
- Courses conducted in the college for training our students towards State/Central level examinations have borne good results.
- Ample Scope for job opportunities by attending on-campus and off-Campus Interviews.

Institutional Challenge

- Training the rural based Tamil medium students in English language and developing communication skills is really a challenging job.
- Growing cut throat competitions from nearby colleges.
- Balancing administrative, academic and research work.
- Fast changing technology.
- Risk of losing prominent faculty and staff, for genuinely better opportunities from other nearby colleges.
- Starting of other engineering colleges in the vicinity.
- To promote abroad education and student-exchange programme for the final year students.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

The institution is fully dedicated to providing students with the best learning opportunities to prepare them as competent engineers ready for the industry. This dedication is crucial to ensuring that students not only gain theoretical knowledge but also develop practical skills that are highly sought after in the professional world. The college is affiliated with Anna University, Chennai, and adheres to the university's prescribed curriculum and syllabi. The institute's academic calendar aligns with the university's academic calendar and encompasses curricular, co-curricular, and extracurricular activities. The academic calendar, teaching plans, and internal assessment exams are strictly adhered to and are regularly audited. There is a well-defined mechanism for planning, executing, and monitoring the curriculum and value-added courses to enhance students' skills in line with industry expectations and competitive examinations.

The curriculum imparts transferable and life skills through subjects such as Human Values and Professional Ethics, advanced courses, Skills Development courses (including Soft skills, Communication skills, and Technical skills), Economics and Finance, and co-curricular activities that comprehensively train students in all relevant aspects, striving towards technological and human excellence. Additionally, the curriculum includes vertical courses in different domains, theory cum practical courses, mini-projects, laboratory and project work, technical report writing, and training in the latest software and technologies under technical skills. The core subjects provide technical knowledge in the chosen program.

The success of the curriculum design and development is evident through tangible outcomes related to employability and academic progression. The increase in placements and average pay-package reflects the effectiveness of the curriculum in preparing students for the workforce. This holistic approach aims at not only developing technical proficiency but also ethical awareness, communication skills, and a broader understanding of the industry and society. Feedback is gathered through an online system by IQAC and proposals are reviewed from various stakeholders such as students, teachers, alumni, and employers to continuously improve the teaching-learning process.

Teaching-learning and Evaluation

The undergraduate programs at our college admit students through the Single Window Admission System managed by the Directorate of Technical Education, while admission to the postgraduate courses is based on the Tamil Nadu Common Entrance Test conducted by Anna University and Consortium. We have implemented various initiatives to support rural and underprivileged students, including offering bridge courses before the commencement of the degree program. Each semester, we prepare academic calendars at the institutional and departmental levels in accordance with Anna University guidelines. Our primary focus in the teaching and learning process is experiential, participative, and problem-solving learning. We encourage ICT-friendly teaching through platforms such as the ILMS, Google Classroom, and PowerPoint presentations. Our central library is stocked with the latest textbooks and reference materials, and we provide online access to journals and e-resources for all students. We have also established a mentoring system to address academic and stress-related issues faced by our students. Additionally, we identify both advanced and slow learners and provide tailored programs and support to meet their needs. Our approach includes remedial classes, bridge courses, and counseling for slow learners. Throughout the semester, we conduct Class Committee meetings to communicate departmental rules and regulations, discuss syllabus completion, and gather feedback on academic and administrative challenges. Our internal assessment mechanism is transparent and robust, and we have

established a time-bound and efficient process to handle examination-related grievances. We ensure that both teachers and students are well-informed about program outcomes and course outcomes. Furthermore, our institution practices outcome-based education by defining appropriate Program Outcomes (POs), Program Specific Outcomes (PSOs), and Course Outcomes (COs) for all programs, and we communicate this information to our faculty and students. We consistently measure student performance based on the attainment of learning outcomes in each program and incorporate appropriate improvement measures in content delivery, assessment, and evaluation to enhance skills and competencies.

Research, Innovations and Extension

The institute's staff actively participates in research and consultancy work, receiving substantial grants from both government and non-governmental organizations over the past five years. Emphasis is placed on encouraging faculty members to engage in research-oriented activities, such as publications, articles, projects, and consultations, as well as sharing and acquiring knowledge through various events like FDPs, seminars, conferences, and industrial visits. Financial support is provided to assist and recognize these efforts.

In addition to academic pursuits, the institute values a well-rounded, socially-conscious persona. To foster this quality in students, diverse extension activities are conducted in the college's vicinity in collaboration with service and government organizations, focusing on areas like healthcare, education, and the environment. Over the last five years, more than 50 such community outreach initiatives, including numerous blood donation camps, have been organized, with over 90 percent student participation through the NSS unit.

VVCET regularly receives awards and recognition from both government and non-government bodies, and maintains over 25 operational Memoranda of Understanding (MoUs). Furthermore, the institute provides academic leave for doctoral work, as well as permission and financial backing for attending conferences and presenting papers, in addition to supporting faculty development programs. VVCET's faculty have contributed 32 papers to UGC-recognized journals.

Infrastructure and Learning Resources

The college has adequate infrastructure and resources catering to the needs of the students growing professionally. The details of the infrastructure and learning resources that are available are:

- Classrooms with Wi-Fi/LAN facilities and 8 seminar halls with ICT facilities
- All Laboratories are equipped with state of art facilities housing the latest equipment required to perform experiments covered in the curriculum and also beyond syllabus.
- WiFi connectivity in the administrative and academic areas; leased line internet connectivity with a bandwidth of 100 Mbps
- Surplus Ethernet ports throughout the campus for internet connectivity\
- Well-equipped gymnasium.
- Yoga halls with sufficient amenities are provided for the benefit of students and faculty.
- Adequate facilities for outdoor and indoor games.
- Transactions of Library are carried out using Integrated Library Management System (ILMS) named Modern Lib Software. The Library has a collection of books, back volumes, project reports, e- journals, magazines, different newspapers and multimedia packages in CDs and DVDs.
- Subscriptions to various e-journals, e-books, and other databases (Delnet)

Student Support and Progression

At Vidyaa Vikas Engineering College, we offer a variety of student support programs aimed at promoting academic excellence and overall student development. Our institution takes on the responsibility of helping students benefit from government-sponsored scholarship schemes, with over 90% of students availing of these schemes in the past five years, supporting the education of financially disadvantaged students. We also award meritorious scholarships based on annual cut-off marks and provide capacity-building and skills enhancement initiatives covering soft skills, language and communication skills, life skills, ICT skills, and computing skills to enrich our students' knowledge.

Furthermore, our college boasts a well-established placement cell that has secured placements for over 90% of final year students in various companies over the past five years. Additionally, we prioritize student welfare through a transparent mechanism for addressing student grievances and conduct regular meetings for the prevention of sexual harassment and anti-ragging cases.

We actively encourage student participation in co-curricular and extracurricular activities to enhance their physical and mental capabilities, resulting in our students winning medals in sports and cultural events at District, State, and University levels over the past five years.

Moreover, we take pride in our active alumni association, where former students contribute to the institute's development through funding, sharing knowledge, and guiding current students on their career paths.

Governance, Leadership and Management

The Institution's governance, leadership, and management strive to translate the Institution's vision into reality through the following means:

- The Governing Council (GC) of the Institution meets twice in a year to discuss and arrive to a consensus on the administrative and academic functions of the college.
- The Principal leads the academic and administrative setup.
- The HoDs supports the Principal in various academic activities as well as administration.
- Various committees headed by senior faculty members are formed by the Principal. These committees help in the decentralization of work and ensure collective responsibility among faculty members.
- All staff members have freedom to express their views and their innovative ideas.
- The HoDs prepare the Annual Budget of respective departments and forward to the management for approval through the Principal.
- The college provides advanced teaching facilities and excellent placement.
- The Grievance Redressal Committee looks into the grievances of both the students and staff, conducts an enquiry and address the grievances amicably and professionally.
- The college provides financial support to the faculty members to attend conferences/workshops and membership fee of professional bodies.
- Welfare measures provided to the teaching and non-teaching staff include free accommodation for outstation faculty members in hostels, educational support to children of staff members,
- A well-defined system for faculty appraisal is followed in the Institution.

- A quality assurance cell has been instituted right from the inception of the college and an IQAC has been established for reviewing the outcomes in various activities.

Institutional Values and Best Practices

The Institution upholds a set of values and best practices, which show the Institution's commitment towards the development of not only the students and the teachers but also the society and nation

- The Institution believes in providing fair treatment to both men and women, with gender-neutrality and there is no discrimination against women, race, caste, creed and religion.
- The college undertakes a lot of initiatives for gender equity & sensitization like, professional counseling, common rooms, day care, transportation, hostel, facilities, etc.
- The Institution organizes national and international commemorative days, events and festivals.
- Institution organizes gender-equity promotion programs like seminar on life skills, yoga sessions, etc.
- The Institution is keen in providing safety & security for girl students and women employees by installing CCTV camera.
- The top administrative position is held by women in the Institution.
- The Institution has invested in green initiatives such as Rain Water Harvesting, Reverse Osmosis Plant, Water conservation measures.
- The Institution has taken social responsibility initiatives. They include organizing awareness programmes on road accidents, environmental conservation, etc.
- Community development programs like blood donation camps, medical camps, sapling planting, etc to address locale specific concerns for the benefit of the local community is organized.
- The Institution has a code of conduct for students, HR Manual explaining service rules for teaching staff and for non teaching staff.
- The Institution follows transparency in all its financial, academic and administrative activities.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	VIDYAA VIKAS COLLEGE OF ENGINEERING AND TECHNOLOGY
Address	Varahoorampatti Village, Tiruchengode Taluk, Namakkal.
City	Tiruchengode
State	Tamil Nadu
Pin	637214
Website	www.vvcet.ac.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	Pooranapriya K	04288-282222	9442141122	-	principal@vvcet.ac.in
IQAC / CIQA coordinator	Karthikeyan S	04288-281122	9942772306	-	iqac@vvcet.ac.in

Status of the Institution	
Institution Status	Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details	

State	University name	Document
Tamil Nadu	Anna University	View Document

Details of UGC recognition		
Under Section	Date	View Document
2f of UGC	16-07-2018	View Document
12B of UGC	15-11-2018	View Document

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)				
Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
AICTE	View Document	02-06-2023	12	NA
AICTE	View Document	02-06-2023	12	NA
AICTE	View Document	02-06-2023	12	NA

Recognitions	
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Varahoorampatti Village, Tiruchengode Taluk, Namakkal.	Rural	10.47	23227.31

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/ Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BE,Computer Science And Engineering,	48	HSC	English	60	19
UG	BE,Electrical And Electronics Engineering,	48	HSC	English	60	3
UG	BE,Electronics And Communication Engineering,	48	HSC	English	120	35
UG	BE,Mechanical Engineering,	48	HSC	English	30	3
UG	BE,Computer Science And Engineering Cyber Security,	48	HSC	English	30	6
UG	BTech,Artificial Intelligence And Data Science,	48	HSC	English	30	20
PG	ME,Computer Science And Engineering,CSE	24	B.E. OR B.TECH.	English	9	1
PG	ME,Mechanical Engineering,ENGINEERING DESIGN	24	B.E. OR B.TECH.	English	9	0
PG	MCA,Master Of Computer	24	BCA OR B.SC. CS	English	60	8

	Applications,					
PG	MBA,Master Of Business Administration,	24	ANY UG	English	60	9

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	11				14				88			
Recruited	8	3	0	11	12	2	0	14	47	41	0	88
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	11				14				88			
Recruited	8	3	0	11	12	2	0	14	47	41	0	88
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				7
Recruited	4	3	0	7
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				7
Recruited	4	3	0	7
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				20
Recruited	18	2	0	20
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				20
Recruited	18	2	0	20
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	5	3	0	1	0	0	1	1	0	11
M.Phil.	0	0	0	4	0	0	7	10	0	21
PG	3	0	0	7	2	0	41	33	0	86
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties					
Number of Visiting/Guest Faculty engaged with the college?	Male		Female		Total
	0	0	0	0	0

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	441	0	0	0	441
	Female	138	0	0	0	138
	Others	0	0	0	0	0
PG	Male	40	0	0	0	40
	Female	28	0	0	0	28
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years					
Category		Year 1	Year 2	Year 3	Year 4
SC	Male	159	171	133	141
	Female	39	47	53	81
	Others	0	0	0	0
ST	Male	5	12	11	12
	Female	4	3	0	27
	Others	0	0	0	0
OBC	Male	297	267	153	149
	Female	122	103	71	66
	Others	0	0	0	0
General	Male	20	34	26	34
	Female	1	5	2	3
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		647	642	449	513

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	Multidisciplinary education is an academic approach aimed at nurturing diverse skills across intellectual, aesthetic, social, physical, emotional, and moral domains in students, both inside and outside the classroom. It involves integrating formal and informal learning, as well as teaching, research, and community engagement to foster cross-disciplinary and interdisciplinary perspectives. According to recent developments, colleges are expected to phase out the affiliated college system over the next fifteen years, by 2035. This transition will involve mentoring from affiliating universities. Our institution is actively pursuing this transition, which includes attending relevant seminars and conferences, benchmarking multidisciplinary courses, and adhering to the regulations of the affiliating university.
2. Academic bank of credits (ABC):	In accordance with the UGC Notification on University Grants Commission Notification (28th July, 2021), an "Academic Bank Account" refers to an individual account with the Academic Bank of Credits that is opened and managed by a student. This account serves as a repository for all academic credits acquired by the student from their course(s) of study. These credits are maintained, accumulated, transferred, validated, and redeemed for the attainment of degrees, diplomas, certificates, etc. by the awarding institution. The Academic Bank of Credits mirrors the National Academic and operates through a dynamic website that offers comprehensive information on the Academic Bank of Credits and its operational procedures for the benefit of all higher education stakeholders. Essentially, the Academic Bank of Credits is a student-centered, credit-based, and highly adaptable facility. Our institution is currently seeking approval to register with the Academic Bank of Credits from relevant statutory authorities, including the Governing Council, Academic Council, and university officials.
3. Skill development:	Integrating vocational education with general education offers an effective approach to nurturing students' overall development by providing them with the knowledge, skills, and competencies necessary for success in both life and work. We are actively pursuing partnerships with industries to facilitate student internships, aimed at immersing them in real

	work environments and gaining valuable hands-on experience. Furthermore, we are currently developing specific bridge courses of varying durations to cater to the specific prerequisites required for students transitioning horizontally to other courses.
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	The Fine Arts Club consistently organizes competitions in the regional language Tamil, focusing on contemporary themes such as environment and energy conservation, as well as the cultural and ethnic values of India.
5. Focus on Outcome based education (OBE):	The educational institution acknowledges the significance of both direct and indirect assessment approaches. Direct methods encompass exams, projects, or presentations aligned with learning outcomes, while indirect methods may involve surveys, feedback, or observations to evaluate overall student development in VVCET. Mapping is emphasized as a critical aspect of Outcome-Based Education (OBE), especially for determining attainment percentages. This entails aligning instructional activities, assessments, and feedback mechanisms with the intended course outcomes. OBE focuses on clearly defined expectations for student knowledge and skills upon exiting the college system. Various activities such as course committee meetings, seminars, group discussions, and quizzes enhance students' learning experiences. The primary goal of class committee meetings is to address students' challenges in the classroom and laboratories, assess students' performance, and identify opportunities for improvement. Seminars aim to enhance students' knowledge and understanding of specific topics, while leading a discussion group involves facilitating engagement with key issues. Additionally, quizzes serve as brief and informal assessments of student knowledge.
6. Distance education/online education:	The university has been actively implementing remote learning through online webinars and virtual programs. Throughout the Covid pandemic, the institution organized a range of online activities such as lectures, webinars, conferences, faculty development programs, quizzes, drawing sessions, video making, seminars, workshops, and more using platforms like Google Meet, Zoom, WebEx, and Microsoft Teams. This allowed us to successfully complete the academic year. Consequently, our staff

members are now well-versed in utilizing the latest technology and ICT tools for delivering distance education and online learning. Nonetheless, in compliance with the NEP-2020 guidelines and regulatory requirements from the statutory body, we will adopt various technologies to facilitate communication between students and teachers as well as among students.

Institutional Initiatives for Electoral Literacy

<p>1. Whether Electoral Literacy Club (ELC) has been set up in the College?</p>	<p>At VVCET-ELCs, learning is combined with fun! The activities and games are specifically crafted to engage and inspire students, prompting them to think critically and inquire about various topics. The club works in collaboration with the Government and the District Collector, who also serves as the District Election Officer (DEO). They actively take part in club events and delegate tasks to raise awareness about the significance of voting. Through ELC, the Election Commission of India aims to cultivate a culture of electoral participation among young and future voters. VVCET-ELCs members are involved in captivating classroom-based activities and games, totaling around 25 activities and 6 games. These are meticulously designed to impart specific learning, shaping them into 'Empowered (Prospective) Voters.'</p>
<p>2. Whether students' co-ordinator and co-ordinating faculty members are appointed by the College and whether the ELCs are functional? Whether the ELCs are representative in character?</p>	<p>The club organizes annual seminars to educate students about their rights and motivate them to exercise these rights by participating in elections. Additionally, students are encouraged to participate in competitions organized by SVEEP (Systematic Voters' Education and Electoral Participation Program) to enhance their skills and confidence. Our students and staff have taken part in these competitions, facilitated by our staff coordinator Mr. R.KARPAGA RAJAN ASP / CHEMISTRY. He has been actively engaging students in a variety of innovative activities to promote the utilization of their voting rights and raise awareness about the importance of voting among the public.</p>
<p>3. What innovative programmes and initiatives undertaken by the ELCs? These may include voluntary contribution by the students in electoral</p>	<p>Every year, the club holds seminars to educate students about their rights and motivate them to exercise those rights by participating in the elections.</p>

<p>processes-participation in voter registration of students and communities where they come from, assisting district election administration in conduct of poll, voter awareness campaigns, promotion of ethical voting, enhancing participation of the under privileged sections of society especially transgender, commercial sex workers, disabled persons, senior citizens, etc.</p>	<p>Additionally, the club promotes student involvement in competitions organized by SVEEP (Systematic Voters' Education and Electoral Participation Program) to foster the development of their skills and confidence. Both our students and staff have actively participated in these competitions. Mr. R.KARPAGA RAJAN Associate Professor / CHEMISTRY. has played a key role in engaging students in various innovative activities to promote the use of their voting rights and raise awareness about the significance of voting among the general public.</p>
<p>4. Any socially relevant projects/initiatives taken by College in electoral related issues especially research projects, surveys, awareness drives, creating content, publications highlighting their contribution to advancing democratic values and participation in electoral processes, etc.</p>	<p>Our college's ELC, in collaboration with NSS volunteers, actively promotes electoral literacy among the student community and wider society. This initiative aims to achieve high voter turnout in public elections, including parliament, legislative, and local body elections. The college's ELC organizes an annual election awareness rally using placards and pamphlets to encourage the public to vote honestly and consistently. ELC members and students take a pledge each year to ensure a fair election process.</p>
<p>5. Extent of students above 18 years who are yet to be enrolled as voters in the electoral roll and efforts by ELCs as well as efforts by the College to institutionalize mechanisms to register eligible students as voters.</p>	<p>The club works closely with the District Collector's office, which also serves as the District Election Officer. They regularly collaborate to organize events aimed at raising awareness about the significance of voting. These events include rallies, surveys, and competitions.</p>

Extended Profile

1 Students

1.1

Number of students year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
505	368	369	541	815

File Description	Document
Upload Supporting Document	View Document
Institutional data in prescribed format	View Document

2 Teachers

2.1

Number of teaching staff / full time teachers during the last five years (Without repeat count):

Response: 183

File Description	Document
Upload Supporting Document	View Document
Institutional data in prescribed format	View Document

2.2

Number of teaching staff / full time teachers year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
132	131	107	109	114

3 Institution

3.1

Expenditure excluding salary component year wise during the last five years (INR in lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
193.3	145.3	184.3	221.6	381.5

File Description	Document
Upload Supporting Document	View Document

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1

The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

Response:

Academic Calendar:

At the beginning of every academic year, The Head of the Institute, Heads of various Departments & IQAC chalks out an academic calendar which includes Internal assessment dates. This is made available to the staff and students before the commencement of the class work. The academic calendar is displayed on all the department notice boards, and is also made available on the website. Based on the academic calendar, each department prepares a plan at the department level, which includes the above and co-curricular activities such as workshops, conferences, seminars, online courses, projects research activities and guest lectures by experts from both industry and academia. Extra-curricular activities such as various clubs are also part of the plan. This academic calendar is strictly adhered to, by the institution.

Teaching Plans:

Lesson plan, Course file, Delivery plan are prepared based on Outcome Based Education (OBE) by the faculty of respective programs. The course file includes the syllabus, course objectives, course outcomes and content beyond the syllabus, Gap Filling, Time Table, Lesson plan, course materials, tutorial sheet, Assignment, IAT Analysis, Previous university question papers, question banks. The faculty members update their knowledge by attending workshops, FDPs, orientation programs, conferences, and seminars organized by various colleges.

Industrial Visits / Inplant Training, local industrial visits are organized for all students to acquire practical knowledge of the subjects. Inplant training also will be provided at the end semester for hands on-experience. To improve students' technical knowledge, various resource persons from industries are invited to conduct guest lectures, special talks, and seminars. Various Add-on Certificate Programmes are also conducted to enhance the practical knowledge of the students. In order to improve students' competency, classes on Soft Skills Training, Aptitude, etc are conducted for all the programs.

Various curriculums related pedagogical methods are implemented by the faculty members to enhance effective teaching-learning process. The study materials for each course are uploaded in college website in which the students can download their study materials. A well-equipped Central Library with open access system and all departments have their departmental libraries too for the benefit of students and faculty members. E-books and e-journals facilities are also available for them. The college has registered for NPTEL (National Program on Technology Enhanced Learning) where students can access e-learning through online video courses for various streams.

Monitoring system for delivery of curriculum

HODs and IQAC coordinators are regularly monitoring the delivery of curriculum. Academic feedback is collected from the students on a regular basis. The teaching faculty members are entrusted with the task of mentoring students on academic and non-academic issues. Class committee meeting is conducted where student representatives can express their grievances. The outcome-based education focuses on effective curriculum delivery. The internal assessment tests are conducted to assess the attainments of the course outcomes. The academic review meetings are conducted by IQAC to ensure the quality of delivery of curriculum.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

1.2 Academic Flexibility**1.2.1**

Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)

Response: 13

File Description	Document
List of students and the attendance sheet for the above mentioned programs	View Document
Institutional programme brochure/notice for Certificate/Value added programs with course modules and outcomes	View Document
Institutional data in the prescribed format	View Document
Evidence of course completion, like course completion certificate etc. Apart from the above:	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

Other Upload Files

1

[View Document](#)

1.2.2

Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

Response: 21.75

1.2.2.1 Number of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
134	66	58	120	187

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

1.3 Curriculum Enrichment**1.3.1**

Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability in transacting the Curriculum

Response:

The College has been working for the overall development of the students. Various courses, namely, Human values and Professional Ethics, Environmental Studies have been introduced as mandatory courses and elective courses for all programmes of engineering to address issues as Gender Equality, Sustainability, Human Values and Ethics. Courses on Disaster management are offered as open electives.

Human values and professional ethics:

To instil Moral, Social and Ethical values, the university has offers two courses on Human Values and Professional Ethics as credit courses during the academic periods for all B. E programs. These courses help students gain a world view of the self, society and profession. It emphasizes on holistic understanding of ethical human conduct, trustful and mutually understanding human behavior. The college also conducts Blood Donation Camp, Eye camps, and awareness programs in the nearby villages to promote National Integrity, Human values, Communal Harmony.

Various committees are formed to ensure safe and healthy environment to our students irrespective of gender so that students understand the importance of gender equality, respect the human values, and maintain ethics in their profession.

Women Empowerment Cell (Gender Equality):

Women Empowerment Cell empowers girl students to enhance understanding of issues related to women and with a view to take up women's issues and problems, the cell creates awareness of their rights and duties and it suggest ways to improve and empower themselves.

Women Grievances Committee:

Women grievances committee is constituted all with the women faculty members and female student representatives from each class of all the programs. Being a ragging free campus, we ensure that there is no case of incidence like eve-teasing, sexual harassment against girl students. The committee members interacts with the students regularly to ensure this and make a note of cases if any We have the following facilities for the welfare of our women's faculty and girls students:

1. Girls common room
2. Separate Counseling for Girls
3. Medical emergency
4. CCTV

Environment and Sustainability:

Environmental Studies is an interdisciplinary course. The course is offered as a mandatory course for all the U.G programs. The course includes the study of natural resources with emphasis on renewable energy resources, the importance of conserving the present ecosystem, promoting biodiversity, perils of environmental pollution and raising awareness on environmental and social issues. Open Elective courses under Choice based credit systems Disaster Management is offered as an open elective to understand various types of natural and man-made disasters, their occurrences, effects, mitigation and management systems in India.

Human Rights

To integrate human rights into curriculum, Anna University offers Human Rights course as an elective, our institute follows a transparent system of administration.

National Service Scheme:

- Saplings plantation Programs in and around our college premises
- Awareness of Societal Sustainability.
- Temple cleaning programs
- Yoga Training program on international yoga day.
- Pledge on Anti-ragging, Drug awareness
- Awareness program about voting rights.

- Carrying out NSS/YRC works at the time of natural disasters Conducting Blood Donation Camps
- Traffic Survey for Road Accidents and Awareness Rally on Wearing Helmets during Road Safety Week

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

1.3.2

Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)

Response: 51.88

1.3.2.1 Number of students undertaking project work/field work / internships

Response: 262

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

1.4 Feedback System

1.4.1

Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website

Response: A. Feedback collected, analysed, action taken& communicated to the relevant bodies and feedback hosted on the institutional website

File Description	Document
Feedback analysis report submitted to appropriate bodies	View Document
At least 4 filled-in feedback form from different stake holders like Students, Teachers, Employers, Alumni etc.	View Document
Action taken report on the feedback analysis	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document
Link of institution's website where comprehensive feedback, its analytics and action taken report are hosted	View Document

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1

Enrolment percentage

Response: 18.28

2.1.1.1 Number of seats filled year wise during last five years (Only first year admissions to be considered)

2022-23	2021-22	2020-21	2019-20	2018-19
156	81	90	44	134

2.1.1.2 Number of sanctioned seats year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
507	567	567	546	576

File Description

Document

Institutional data in the prescribed format

[View Document](#)

Final admission list as published by the HEI and endorsed by the competent authority

[View Document](#)

Provide Links for any other relevant document to support the claim (if any)

[View Document](#)

2.1.2

Percentage of seats filled against reserved categories (SC, ST, OBC etc.) as per applicable reservation policy for the first year admission during the last five years

Response: 21.52

2.1.2.1 Number of actual students admitted from the reserved categories year wise during last five years (Exclusive of supernumerary seats)

2022-23	2021-22	2020-21	2019-20	2018-19
130	49	58	43	130

2.1.2.2 Number of seats earmarked for reserved category as per GOI/ State Govt rule year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
349	391	391	377	397

File Description	Document
Institutional data in the prescribed format	View Document
Final admission list indicating the category as published by the HEI and endorsed by the competent authority.	View Document
Copy of communication issued by state govt. or Central Government indicating the reserved categories(SC,ST,OBC,Divyangjan,etc.) to be considered as per the state rule (Translated copy in English to be provided as applicable)	View Document

2.2 Student Teacher Ratio

2.2.1

**Student – Full time Teacher Ratio
(Data for the latest completed academic year)**

Response: 3.83

2.3 Teaching- Learning Process

2.3.1

Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences and teachers use ICT- enabled tools including online resources for effective teaching and learning process

Response:

The institution provides different centric learning methods by creating a good atmosphere through which the students think in different way, answers and pose queries. Faculties, by playing an important role of facilitators, create discussions in classrooms among students and let the brainstorming evolve from student's perspective. By different experiential learning and participative leaning activities, the students can able to broaden their scope of education by imparting valuable thinking. During the tutorial hrs the students are stimulated their own way of thinking by building problems/case studies by providing individual attention to them. The faculties are encouraged to undergo different workshop activities, short term Training programs, Faculty Development Programs, online courses for effective design and exercise the student centric activities. For better classroom teaching, the teachers are advised to follow an academic plan, which contains the details regarding course objectives, details of contents to be covered, previous years internal and university question papers are referred. Special lectures, different illustration activities, field study, case studies, project-based activities, experimental and group learning methods are included in problem solving methodologies. In order to improve the interactive, collaborative and independent learning process the college organizes guest lecturers and arranges industrial visits to the student. To bring out the course interest during their library hours the students are allowed to utilize digital library with video lectures, e-books and e-journals. The performance of the students is measured through internal and class tests, during practical hours and seminar hours. Our institution followed experiential learning, participatory learning and problem-solving methodologies for enhancing learners' learning experience. Various Participatory learning activities followed in our institution.

Experiential Learning Methods

- Department conducts add-on/ value added programs to support students in their experiential learning.
- Laboratory Sessions are conducted with content beyond syllabus experiments.
- Internship -Students get hands on training while working in the company.
- Industrial Visits to engage them in experiential learning.
- Guest lectures by eminent experts from industry and academics are organized to provide experiential learning.

Participatory Learning Methods

- Seminar- Students develop technical skills while presenting papers in seminars/symposium
- Group discussions in latest technologies and communication skills.
- Quizzes are organized for student participation at intra or inter college level.

Problem Solving Methods

- Case Studies are given for students to build solutions to problems
- Regular assignments based on problems

ICT Enabled Teaching

- ICT enabled teaching includes class rooms with LCD, Language Lab, Smart Class rooms, etc. The institution adopts modern pedagogy to enhance teaching-learning process.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

2.4 Teacher Profile and Quality

2.4.1

Percentage of full-time teachers against sanctioned posts during the last five years

Response: 100

2.4.1.1 Number of sanctioned posts year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
132	131	107	109	114

File Description	Document
Sanction letters indicating number of posts sanctioned by the competent authority (including Management sanctioned posts)	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

2.4.2

Percentage of full time teachers with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. during the last five years (consider only highest degree for count)

Response: 26.81

2.4.2.1 Number of full time teachers with NET/SET/SLET/Ph. D./ D.Sc. / D.Litt./L.L.D year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
35	33	30	30	31

File Description	Document
List of faculties having Ph. D. / D.Sc. / D.Litt./ L.L.D along with particulars of degree awarding university, subject and the year of award per academic year.	View Document
Institution data in the prescribed format	View Document
Copies of Ph.D./D.Sc / D.Litt./ L.L.D awarded by UGC recognized universities	View Document

2.5 Evaluation Process and Reforms

2.5.1

Mechanism of internal/ external assessment is transparent and the grievance redressal system is time- bound and efficient

Response:

Our Institution is affiliated with Anna University, Chennai. The rules and regulations for the internal/external assessment are laid down by the university. The first-year students are made aware of the evaluation processes through induction programs. The university allows 80% marks for the end-semester exams and 20% internal marks. The internal Assessment marks are uploaded to the University web portal periodically based on the assessment schedule provided by the university. At

Institution Level:

Three internal assessment tests (IAT) are conducted per semester. Internal Assessment test Schedules are mentioned in the Academic Calendar of every semester. The timetable for the same is announced two weeks prior to the commencement of the Internal Assessment Test. The seating plan and table marking are followed even for internal assessment tests. Faculty members should set their Course question papers and all the subject question papers duly signed by the Head of the department and Principal are handed over to the internal examination cell four days prior to the respective exam. After the successful completion of the Internal assessment test, internal marks are uploaded to the Institute ERP portal and University web portal as per the University schedule. Students can view their internal marks in their own login to the University. Grievances identified in the internal assessment test for the student are rectified by the internal examination cell Coordinator and Principal.

At University Level:

Students are permitted to appear for the semester examination after they registered for courses according to Anna University regulations. The hall tickets are issued to the students well in advance. Any grievance related to the hall ticket like printing of the wrong name or delay in issuance is addressed by the exam cell. After Successful conduction of the University examination, Students are getting every university

semester's result through their own login in the University portal. Grievances identified regarding the Anna University examination results such as applying photocopy, revaluation, and review process for the results they obtained, and other grievances like the correction in the grade sheet (DOB, printing mistakes, duplicate grade sheet, etc.) are rectified by college university examination cell and Control of examination of Anna University, Chennai. The issues of the students are addressed with high priority.

Challenge Evaluation:

If the re-evaluation results are not satisfactory, a student can apply for challenge evaluation within a week after the announcement of the results. This evaluation process is carried out in the presence of students by two subject experts; one represents the institution and the other from the university.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

2.6 Student Performance and Learning Outcomes

2.6.1

Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on website

Response:

The college has clearly stated learning outcomes of the Programmes and Courses. The following mechanism is followed by the institution to communicate the learning outcomes to the teachers and students.

- Hard Copy of syllabi and Learning Outcomes are available in the departments for ready reference to the teachers and students.
 - The importance of learning outcomes is communicated to the teachers in every IQAC meeting.
 - The students are made aware of the same through Class Committee meetings.
 - The learning outcomes of the Programmes and Courses are propagated and publicized through various means such as display and/or communication specified hereunder,
- Website
 - Class rooms
 - Department Notice Boards
 - Laboratories
 - Student Induction Programs
 - Parent meetings
 - Faculty meetings
 - Alumni meetings

- Library
- The HODs educate students about POs, PSOs, and COs when they address the students. The faculty members, class teachers, mentors and program coordinators also inform the students, raise awareness, and stress the importance of attaining the outcomes.
- Under each department, on the college website the POs/PSOs of the programme and the COs of the courses are published electronically. Consciously, awareness of the POs, PSOs and COs is promoted in all interactions with students.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

2.6.2

Attainment of POs and COs are evaluated.

Explain with evidence in a maximum of 500 words

Response:

- The effectiveness of course outcomes is justified by the performance of students in the Internal Assessments and End Semester University Examinations. Internal Assessment includes Tests, Assignments.
- The end semester examination will be conducted by Anna University for 100 marks. According to Anna University, final grades for the course will be calculated using 20 percent weightage for internal assessment and 80 percent weightage for end-of-semester performance.

Direct Assessment:

- In a semester, three Internal Assessment Examinations are conducted. The Examination Cell prepares schedule and seating allotments. Subject handling faculty members prepares question papers that meet Course Outcomes which is mapped to attain POs and PEOs.
- Assignment Questions are prepared well in advance by the subject handling faculty members and circulated to students.
- Model Practical Examinations are conducted for practical subjects.
- Students are permitted to carry out final year projects either inhouse or in industry based on the recommendations of HoD. There shall be three project reviews conducted by the review committee. Based on performance, the internal marks are awarded. The Project work shall be evaluated at the semester end by an internal and university appointed external examiner.

Indirect Assessment:

- Alumni Survey
- Student Feedback
- Parent Feedback
- Industry Feedback
- Student Entry Survey
- Student Exit Survey

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

2.6.3

Pass percentage of Students during last five years (excluding backlog students)

Response: 82.88

2.6.3.1 Number of final year students who passed the university examination year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
49	81	161	197	122

2.6.3.2 Number of final year students who appeared for the university examination year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
62	103	169	206	196

File Description	Document
Institutional data in the prescribed format	View Document
Certified report from Controller Examination of the affiliating university indicating pass percentage of students of the final year (final semester) eligible for the degree programwise / year-wise.	View Document
Annual report of controller of Examinations(COE) highlighting the pass percentage of final year students	View Document

2.7 Student Satisfaction Survey

2.7.1

Online student satisfaction survey regarding teaching learning process

Response: 3.49

File Description	Document
Upload database of all students on roll as per data template	View Document

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1

Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)

Response: 6.44

3.1.1.1 Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
2.23	2.278	0.52	0.515	0.90

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

3.2 Innovation Ecosystem

3.2.1

Institution has created an ecosystem for innovations, Indian Knowledge System (IKS), including awareness about IPR, establishment of IPR cell, Incubation centre and other initiatives for the creation and transfer of knowledge/technology and the outcomes of the same are evident

Response:

ENTREPRENEURSHIP DEVELOPMENT CELL

Entrepreneurship Development Cell was established in the college with the vision. "Turn around the "Job seekers" into "Job Creators" in the year 2015. Entrepreneur Development Cell was formed on 28.01.2015 Vidyaa Vikas College of Engineering And Technology has started the Entrepreneur Cell to give exposure to students on what it takes to set up one's own industry/organisation. The students are trained for entrepreneurship and business plans by Native lead Foundation to encourage budding business people the management of VVCET encourages the students to work on innovative business ideas and support their business ventures as mentors.

VISION

Turn around the "Job seekers" into "Job Creators",

MISSION

Create conducive atmosphere to motivate young students towards Entrepreneurship. Develop necessary infrastructure and facilities to initiate venture start-ups Integrate entrepreneurial resources like financial, infrastructural and government policy matters Creation of first generation entrepreneurs in a conducive environment where budding entrepreneurs can venture into start-ups and realize the path for a successful Entrepreneurship through the resources of EDC Cell.

ACTIVITIES OF EDC

The EDC has been conducting entrepreneurial activities like guest lectures on Entrepreneurship related subjects since 2015, June. One day motivation program, a boot camp and a visit to entrepreneur conclave were conducted on themes like 'Venture Start-Ups', 'Life Science businesses, Launching of 1 Technology Ventures' and 'Venture more capital funding

ENTREPRENEURSHIP CLUB

In order to create Entrepreneurial ambience in the college premises, a constant and continuous perseverance is required. Formation of a Club with student and Staff members is a continuous process. Sharing ideas, helping each other to make prototypes, collecting information jointly, conducting camps and help in promoting enterprises will be the major activities of the club

EDC'S ENHANCEMENT PROGRAMMES AT VVCET

- Workshop on “Prototype/Process Design and Development”
- Session on “How to plan for Start-up and legal & Ethical Steps”
- Entrepreneurs awareness programme
- Workshop on “Entrepreneurship development
- Story Telling workshop of Convert ideas in to product.
- National level webinar on “Empowering Growth: Cultivating Entrepreneurial Mind-set

INTELLECTUAL PROPERTY RIGHTS CELL:

Intellectual Property Rights (IPR) plays a crucial role in fostering innovation and creativity by offering inventors and creators a financial incentive for their contributions. This, in turn, encourages on-going research and innovation projects. Through the IPR Cell, 10 training programs on IPR such as 'Patent Filing,' 'Patent Law,' and 'Patent Licensing and Legal Options,' are conducted to raise awareness among faculty and students, aiming to enhance their understanding of intellectual property and its

RESEARCH AND DEVELOPMENT CELL

The research cell cultivates a research-oriented culture among both faculty and students by Organizing diverse workshops, seminars, training programs, and special meetings designed to promote research endeavours. There is a strong emphasis on encouraging faculty and students to actively engage in the

preparation and writing of research-oriented papers as part of this research initiative. Through the R&D Cell, 13 Research programs are conducted based on 'Research paper writing – Methodologies, Tools, and Guidelines', 'Critical Thinking and Problem Solving' & 'PCB Design Fundamentals Proto typing and the PCB Design Flow.

File Description	Document
Upload Additional information	View Document

3.2.2

Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years

Response: 46

3.2.2.1 Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
20	10	08	03	05

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

3.3 Research Publications and Awards

3.3.1

Number of research papers published per teacher in the Journals notified on UGC care list during the last five years

Response: 0.13

3.3.1.1 Number of research papers in the Journals notified on UGC CARE list year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
12	3	2	4	2

File Description	Document
Link to the uploaded papers, the first page/full paper(with author and affiliation details)on the institutional website	View Document
Links to the papers published in journals listed in UGC CARE list or	View Document
Institutional data in the prescribed format	View Document

3.3.2

Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

Response: 0.07

3.3.2.1 Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
06	02	00	02	02

File Description	Document
List of chapter/book along with the links redirecting to the source website	View Document
Institutional data in the prescribed format	View Document
Copy of the Cover page, content page and first page of the publication indicating ISBN number and year of publication for books/chapters	View Document

3.4 Extension Activities

3.4.1

Outcomes of Extension activities in the neighborhood community in terms of impact and sensitizing the students to social issues for their holistic development during the last five years.

Response:

NATIONAL SERVICE SCHEME (NSS)

Extension activities are encouraged to be taken up by the students to fulfill the aspirations of the Vision and mission statements of the institution. Holistic development of the individual is the aim with which the students are encouraged for participate in extension activities through agencies such as NSS, clubs, and societies

The institution has an active NSS wing that takes up projects like keeping the college clean and green, doing community service by conducting awareness drives through street causes to educate people on literacy and cleanliness, organizing blood donation camps, and a like.

The students feel a sense of responsibility and believe that they need to give back to society and the environment what they have taken. Our NSS Unit student volunteers take up social service activities such as special camps in adopted villages, service to orphanages, tree plantation, and flood relief camps.

YOUTH RED CROSS (YRC)

The Mission of youth Red Cross is to enable higher educational institutions to work with the people of rural India in identifying development challenges and evolving appropriate solutions for accelerating sustainable growth. The following activities were successfully conducted in the college campus and the adopted villages our youth programmes help the Indian Red Cross Society to implement the Fundamental Principles of our Movement through:

ROVERS & RANGERS

The purpose of RR to the movement is to contribution to the development of young people in achieving their full physical, intellectual, social and spiritual potentials as individuals, as responsible citizens and as members of the local, national and international communities. The Rovers /Rangers Movement is based on the following principles.

- Duty to God
- Duty to others
- Duty to Self

UNNAT BHARAT ABHIYAN (UBA)

The Mission of Unnat Bharat Abhiyan is to enable higher educational institutions to work with the people of rural India in identifying development challenges and evolving appropriate solutions for accelerating sustainable growth. In this novel work, VVCET approved as "Nodal Partner in achieve the mission of UBA". The following activities was successfully conducted in the college campus and the

adopted villages

NEIGHBORHOOD COMMUNITY BENEFITED

Education awareness and social development activities have been conducted in the following villages for the welfare of the neighborhood community.

1. Thookavadi village
2. Karuvappampatti
3. Varapalyam village
4. Kuchi Palayam Village
5. Varahoorampatti Village
6. Devanankurichi Village

Social issues addressing by VVCET

- Aadhar Registration Camp
- Blood denotation camp
- Eye screening camps
- voters awareness
- Plastic usage awareness
- Cancer Awareness Camp
- Tree planation & Protect Nature Awareness Program
- COVID 19 Vaccination awareness among the people
- Voting Rights Camp
- Higher Education Awareness Program
- Aids Awareness

File Description	Document
Upload Additional information	View Document

3.4.2

Awards and recognitions received for extension activities from government / government recognised bodies

Response:**3.4.2 Awards and recognitions received for extension activities from government / government recognised bodies**

Vidyaa Vikas College of engineering and technology has consistently demonstrated its commitment to community engagement and social responsibility through various extension activities. Over the years, the college's efforts have garnered recognition and awards from government and government-recognized bodies. These accolades serve as a testament to the institution's dedication to making a positive impact on society.

The Blood Donation Camp organized by blood bank karur - Blood Bank was held at Vidyaa Vikas College of engineering and technology for the academic years 2015 and 2023, is a remarkable testament to the power of community service and the noble act of saving lives through voluntary blood donation. This event addressed the constant need for an adequate blood supply in healthcare facilities, and Vidyaa Vikas College of engineering and technology played a pivotal role in making it possible.

Rover Rangers, known for their adventurous spirit and commitment to outdoor exploration, embody the essence of teamwork and leadership. Engaging in activities like camping, hiking, and wilderness survival, they foster skills crucial for both personal growth and community service. Vidyaa Vikas College of engineering and technology, students similarly immerse themselves in a variety of enriching activities. From joining clubs and sports teams to participating in academic societies and volunteer work, they cultivate a well-rounded experience. These endeavours not only enhance their skills and knowledge but also contribute to a vibrant campus community.

Both the Rotary Club and Vidyaa Vikas College of engineering and technology activities provide platforms for networking, personal growth, and making a positive impact on society. Whether through organizing charity events or exploring academic passions, these endeavours shape individuals into empathetic leaders prepared to tackle challenges and create meaningful change in their communities and beyond.

In Vidyaa Vikas College of engineering and technology, NSS members collaborate with peers and local stakeholders to organize and execute meaningful projects that address societal needs. They develop crucial skills such as teamwork, problem-solving, and communication while gaining a deeper understanding of social issues and challenges faced by diverse communities. Beyond academic pursuits, NSS activities provide a platform for students to apply theoretical knowledge in real-world contexts and make a tangible impact through their contributions.

The Youth Red Cross (YRC) is an integral part of Vidyaa Vikas College of engineering and technology life, embodying principles of humanitarian service, health awareness, and community engagement. Through YRC, college students participate in a wide range of activities aimed at promoting health and well-being within their campus and beyond. These activities often include organizing blood donation camps, first aid training sessions, health awareness campaigns, and disaster relief efforts.

The certificates of appreciation awarded to Vidyaa Vikas College of engineering and technology signify more than just pieces of Paper. They symbolize a partnership between the college and the community, a

commitment to the greater good, and an affirmation of the importance of saving lives. These certificates serve as a reminder of the positive impact that can result from collaborative efforts in promoting health and well-being.

File Description	Document
Upload Additional information	View Document

3.4.3

Number of extension and outreach programs conducted by the institution through organized forums including NSS/NCC with involvement of community during the last five years.

Response: 10

3.4.3.1 Number of extension and outreach Programs conducted in collaboration with industry, community, and Non- Government Organizations through NSS/ NCC etc., year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
6	1	0	2	1

File Description	Document
Institutional data in the prescribed format	View Document

3.5 Collaboration

3.5.1

Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.

Response: 20

File Description	Document
Summary of the functional MoUs/linkage/collaboration indicating start date, end date, nature of collaboration etc.	View Document
List of year wise activities and exchange should be provided	View Document
List and Copies of documents indicating the functional MoUs/linkage/collaborations activity-wise and year-wise	View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1

The Institution has adequate infrastructure and other facilities for,

- teaching – learning, viz., classrooms, laboratories, computing equipment etc
- ICT – enabled facilities such as smart class, LMS etc.

Facilities for Cultural and sports activities, yoga centre, games (indoor and outdoor), Gymnasium, auditorium etc (Describe the adequacy of facilities in maximum of 500 words.)

Response:

Vidyaa vikas college of engineering and technology has a beautiful landscape, aesthetic architecture, eco-friendly environment, spacious classrooms, well equipped laboratories and good infrastructure spread over 07acres. Classrooms The Institute has well-furnished, spacious and well ventilated classrooms which are also well illuminated. Classrooms are maintained as per norms for proper visibility and audibility. The classrooms are equipped with adequate furniture, blackboard, projectors, fans, lights and power backup.

The class room, laboratories, seminar halls & Conference hall has equipped with LCD projectors and screens, audio systems, white boards and a computer with Internet connectivity. The smart class room facilitated with Interactive boards and other ICT facilities

.The Institution has domain centric laboratories as per the regulations of AICTE and Anna University. Adequate and well-maintained equipment to conduct experiments is provided. The laboratories are kept open beyond the working hours depending on the need of the students. Sufficient safety measures have been incorporated and are displayed at strategic locations in the laboratories.

The institution recognizes the importance of the library as a good learning resource. It is updated regularly with the latest books & journals . The central library has a facilitated with Library management Software (Modern LIB), reading space, reprographic facilities, Digital library. DELNET, membership for access e-resources. The digital library facilitated with internet facility. It enables student's remote access to DELNET e-journals.

A spacious play ground is available for outdoor and indoor games like Cricket, Football, Volleyball, Athletics, Throw Ball, Kho-Kho and Kabaadi, Table tennis, Carroms, Badminton and Chess. The Physical director have separate room for monitor the sports activities.

The students participate in the various cultural events organized during VIDYAM -the college cultural fest. With systematic and generous support from the college and overwhelming participation of students from all the department. We have been able to incorporate clubs to facilitate all-round development.

Awareness on Yoga and its practice has been included in the student induction programme besides which Yoga Day is celebrated every year in the institute. Besides, college has a well-equipped gymnasium and

yoga centre which is made used by the students and staff thus enabling a stress free & a healthy environment.

The institute provides transport facilities for the students and staff from and to various parts of the city. A health care center provides first aid facilities and has a tie up with a nearby hospital for any medical emergencies. Canteen facilities are also provided for students& staff which has adequate seating capacity. Food served is hygienically prepared and subsidized.

The Amenities and facilities also include well maintained Lift, Ro water plant, Fire Extinguisher, Water Purifier, CCTV Surveillance, Solar plant , Gen set, Biogas plant, and Rainwater harvesting. College has provisions of NSS and NCC cell for the extension activities to the neighbourhood Community development.College has Conducted various Eye camps and Blood camps every academic years

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

4.1.2

Percentage of expenditure for infrastructure development and augmentation excluding salary during the last five years

Response: 17.84

4.1.2.1 Expenditure for infrastructure development and augmentation, excluding salary year wise during last five years (INR in lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
18.97	22.92	46.42	23.55	89.07

File Description	Document
Institutional data in the prescribed format	View Document
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for infrastructure augmentation should be clearly highlighted)	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

4.2 Library as a Learning Resource

4.2.1

Library is automated with digital facilities using Integrated Library Management System (ILMS), adequate subscriptions to e-resources and journals are made. The library is optimally used by the faculty and students

Response:

Vidyaa vikas college of engineering and technology, have enabled library with xMODERN LIB 5.0 Library management Software (LMS) with perceptual license. MODERN LIB 5.0 Software Supports for Circulation Control of Book issue & return Entry , Online Public Access Catalogue with Title & Periodical wise Search, General Book Reports in Accession No./Title/Author/Publisher wise. Additionally, MODERN LIB 5.0 software helps to track the book in the library and books can be classified by genre, author, subject, and Publisher. It can be used for search of lost/misplaced books is possible in a very short time. Multiple audits ensure a well maintained library with easy accessibility of books.

Catalogue module is used for retrospective conversion of library resources.

The strong features of catalogue module are

- 1.Allows user-generated customized reports
- 2.Facilitates authority database of person name
- 3.Corporate body, subject headings and series name
- 4.Master database of publishers

Library is using systems application and product software for library automation and has implemented barcoded Scanning. All the books are bar coded and bar code laser scanner are used in circulation counter for book transaction. The searching , systematic shelving and circulation of books and journals are made easier by bar code technology after entering the details recording the books / journals in t the data base , bar code are printed on the adhesive labels according to the accession number of the book / journals . User id contain the bar coded library reference number of the staff and students.

This module takes care of all possible functions of circulation. Major functions of the circulation module: Membership, Transaction, Inter-library loan, Overdue charges, Reminder, Search status, Maintenance of the items such as binding, lost, replace, missing, withdrawal, etc. and Report generation based on the various requirements.

The college library has various institutional membership for e resources and e journals. The institute has a membership for National digital library of India NPTEL active local chapter and digital library with 50

mbps leased line connected to computer in the library. Direct access to online paid (849 DELNET e journals). Faculty publication and students publication are accessible in the library. The library has NPTEL video Courses, SWAYAM program and other e-learning resources initiated by government of India. The library can access via <https://www.nsit.edu.in/nsit-Library.aspx>

We can generate and print more numbers of reports like book issued and return reports categorized by accession number, author, subject, department, publisher and title. Monthly reports and yearly report facility are also available in the library management system. The module records an average of 150 and above users per day

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

4.3 IT Infrastructure

4.3.1

Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection

Describe IT facilities including Wi-Fi with date and nature of updation, available internet bandwidth within a maximum of 500 words

Response:

The Institute has ICT-enabled classrooms, well-equipped laboratories, sports facilities, and good infrastructure spread over 07 acres with lush lawns, beautiful landscapes, aesthetic architecture, and an eco-friendly environment. The classrooms are well-furnished, spacious with good ventilation, and well illuminated. They are maintained as per norms for proper visibility and audibility.

The college has established a high-speed campus-wide network connecting all departments with 323 systems. Full access is provided to all staff to access online sources of services and information through two leased lines each of 50 Mbps from Airways Communication and also a 50 Mbps. Broadband from AIRTEL, PINK, BSNL FIBERNET. A fully distributed computing environment based on clusters of workstations and PCs provides users with ready access to computing resources, services software, and applications. The environment is tailored to the specific teaching/learning needs of each department.

VVCET has excellent IT facilities for students and faculty. 307 Computer systems are available in the campus with LAN connection. The highly configured system available is the i5 processor 11th Gen at 2.60GHz 2.59 GHz with 16 GB RAM, 250 GB SSD, and 1TB HDD. There are 4 servers available in the server room to provide network connectivity in the campus.

Internet facility provided through Airways communication with a bandwidth of 50 Mbps. By estimating

the volume of data transmission, the bandwidth will be further increased during an ad hoc situation. For essential services Airways communication as a secondary backup with 50 Mbps is available. The computers in the different departments are interconnected with LAN through switches. The entire campus has various Wi-Fi access points to access educational resources.

The college website provides all the essential information for the stakeholders. Updates in technology shared by faculty as blogs in the website in case of emergency, and Google classroom used for the teaching learning process. In an Emergency situation, the class notes assignments are uploaded in Google classrooms. also available to communicate important messages to all students and faculty. Webinar and Alumni talk series in a collaborative manner, Google meet license is purchased for Google rooms

Based on the gradual increase in the student’s strength, the number of systems in all the laboratories is updated. As per AICTE norms, the student to the computer ratio is maintained as 1.93:1. Based on the requirements, necessary software and hardware devices, computer systems and its peripheral devices are purchased. To carry out project activities, highly configured systems are provided in the laboratories in the campus.

The NSIT campus has a complete CCTV camera system. It helps in monitoring the activities of the students especially during the exam time and also a better security performance that will make it much easier to regularly monitor the daily activities of the students, staff, workers, and members of the public inside the campus.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

4.3.2

Student – Computer ratio (Data for the latest completed academic year)

Response: 1.8

4.3.2.1 Number of computers available for students usage during the latest completed academic year:

Response: 280

File Description	Document
Purchased Bills/Copies highlighting the number of computers purchased	View Document
Extracts stock register/ highlighting the computers issued to respective departments for student's usage.	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

4.4 Maintenance of Campus Infrastructure

4.4.1

Percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, during the last five years (INR in Lakhs)

Response: 46.58

4.4.1.1 Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year wise during the last five years (INR in lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
62.9	37.32	80.93	91.96	251.39

File Description	Document
Institutional data in the prescribed format	View Document
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for maintenance of infrastructure should be clearly highlighted)	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1

Percentage of students benefited by scholarships and freeships provided by the institution, government and non-government bodies, industries, individuals, philanthropists during the last five years

Response: 94.23

5.1.1.1 Number of students benefited by scholarships and freeships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
495	354	341	489	769

File Description

Document

Year-wise list of beneficiary students in each scheme duly signed by the competent authority.

[View Document](#)

Upload Sanction letter of scholarship and free ships (along with English translated version if it is in regional language).

[View Document](#)

Upload policy document of the HEI for award of scholarship and freeships.

[View Document](#)

Institutional data in the prescribed format

[View Document](#)

5.1.2

Following capacity development and skills enhancement activities are organised for improving students' capability

- 1. Soft skills*
- 2. Language and communication skills*
- 3. Life skills (Yoga, physical fitness, health and hygiene)*
- 4. ICT/computing skills*

Response: A. All of the above

File Description	Document
Report with photographs on Programmes /activities conducted to enhance soft skills, Language and communication skills, and Life skills (Yoga, physical fitness, health and hygiene, self-employment and entrepreneurial skills)	View Document
Report with photographs on ICT/computing skills enhancement programs	View Document
Institutional data in the prescribed format	View Document

5.1.3

Percentage of students benefitted by guidance for competitive examinations and career counseling offered by the Institution during the last five years

Response: 93.88

5.1.3.1 Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
438	358	352	520	771

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.1.4

The institution adopts the following for redressal of student grievances including sexual harassment and ragging cases

- 1.Implementation of guidelines of statutory/regulatory bodies**
- 2.Organisation wide awareness and undertakings on policies with zero tolerance**
- 3.Mechanisms for submission of online/offline students' grievances**
- 4.Timely redressal of the grievances through appropriate committees**

Response: A. All of the above

File Description	Document
Proof w.r.t Organisation wide awareness and undertakings on policies with zero tolerance	View Document
Proof for Implementation of guidelines of statutory/regulatory bodies	View Document
Details of statutory/regulatory Committees (to be notified in institutional website also)	View Document
Annual report of the committee motioning the activities and number of grievances redressed to prove timely redressal of the grievances	View Document

5.2 Student Progression

5.2.1

Percentage of placement of outgoing students and students progressing to higher education during the last five years

Response: 79.66

5.2.1.1 Number of outgoing students placed and / or progressed to higher education year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
56	83	118	132	132

5.2.1.2 Number of outgoing students year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
63	94	163	180	154

File Description	Document
List of students progressing for Higher Education, with details of program and institution that they are/have enrolled along with links to proof of continuation in higher education.(the above list should be available on institutional website)	View Document
Institutional data in the prescribed format	View Document

5.2.2

Percentage of students qualifying in state/national/ international level examinations during the last five years

Response: 1.62

5.2.2.1 Number of students qualifying in state/ national/ international level examinations year wise during last five years (eg: IIT/JAM/NET/SLET/GATE/GMAT/GPAT/CLAT/CAT/ GRE/TOEFL/ IELTS/Civil Services/State government examinations etc.)

2022-23	2021-22	2020-21	2019-20	2018-19
1	0	1	1	0

File Description	Document
Institutional data in the prescribed format	View Document

5.3 Student Participation and Activities

5.3.1

Number of awards/medals for outstanding performance in sports/ cultural activities at University / state/ national / international level (award for a team event should be counted as one) during the last five years

Response: 395

5.3.1.1 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
98	77	51	67	102

File Description	Document
Upload supporting document	View Document
list and links to e-copies of award letters and certificates	View Document

5.3.2

Average number of sports and cultural programs in which students of the Institution participated during last five years (organised by the institution/other institutions)

Response: 4

5.3.2.1 Number of sports and cultural programs in which students of the Institution participated year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
4	4	4	4	4

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.4 Alumni Engagement

5.4.1

There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Response:

Vidyaa Vikas College of Engineering and Technology Alumni Association was registered under the Tamil Nadu Societies Registration Act, 1975(Tamil Nadu Act 27 of 1975) in the year 2016 vide SI.No.: 53 / 2016 with the Office of the Registrar of Societies, Tiruchengode, Namakkal, Tamil Nadu.

VVCET Alumni Association is a platform through which the alumni get in touch with their alma mater and with their classmates. The primary objective is to reconnect, reminisce, and revisit the rich

memories, connect with classmates, strengthen the bond, and say our the rich experiences gained over the years. The driving force behind VVCET Alumni Association is to encourage vibrant student alumni interactions that would benefit our students in terms of learning, as well as the alumni in terms of sharing their rich expertise.

Objectives of VVCET ALUMNI ASSOCIATION

- To provide an interlace through which the alumni of the institute can keep in touch with the institute, faculty, staff and students of the institute and among themselves.
- To enable the alumni to take part in the institute's activities that will contribute to the improvement of the institute,
- To promote the exchange of skills and experience.
- To conduct seminars, workshops and guest lectures.
- To promote social and cultural activities.
- To institute prizes and scholarships for students of the institute on a merit basis.
- To render financial aid to needy and deserving students.
- To help the alumni by giving advice to them on various technical problems that they might face in their work.
- To further such objectives the General Body may decide from time to time.

The various contributions by the alumni are listed as follows:

Guest Lectures and Career Counseling VVCET ALUMNI ASSOCIATION encourages alumni to provide technical lectures to update the students with the latest technological trends. Alumni are invited to share their success stories and motivate and groom them holistically.

VVCET Alumni Association also schedules career guidance sessions to lecture the students. All these activities are done by planning a convenient date and time in line with the academic schedule.

Scholarships Needy and deserving students are given scholarships and other forms of financial assistance to help them concentrate on their academics. VVCET Alumni Association has been constantly providing many initiatives by the alumni every year. Provide internships, projects and placements VVCET Alumni Association takes up initiatives like providing internships, encouraging alumni to visit the college for campus placements, provide project assistance, encouraging employee referrals to our students and facilitating industrial visits for students. These steps help to increase the employability of the students to become successful engineers.

Entrepreneurship Assistance

The College has always promoted the spirit of entrepreneurship among students. Alumni Entrepreneurs have shared their experiences with the students through the "Entrepreneurship Development Cell".

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1

The institutional governance and leadership are in accordance with the vision and mission of the Institution and it is visible in various institutional practices such as NEP implementation, sustained institutional growth, decentralization, participation in the institutional governance and in their short term and long term Institutional Perspective Plan.

Response:

VISION

“To be a world class Engineering Institution in leading technological and socio.economic development of the country by enhancing the global competitiveness of technical manpower and by ensuring high quality technical education through dissemination of knowledge, insights and intellectual contributions”

"MAY ALL THE WORLDS BE HAPPY". BABA

MISSION

“To offer Value based Education to prepare the students to acquire engineering knowledge, to make them fit for jobs, to serve the nation and to mould them useful citizens with exemplary character”

"THE END OF EDUCATION IS CHARACTER". BABA

The vision and Mission statement reflects the institution’s distinctive characteristics:

The students admitted in this institution are mostly from the rural areas with the communication medium of vernacular language. We inculcate the discipline, communication and technical knowledge in them with self-confidence. We mould them as good personalities in four years (B.E.) or in two years (continuing M.E.) by the state-of-the art infrastructure, time consciousness, and quick response to serve the society as a good citizen. We trained the students,

To venture into research with innovative ideas

To solve issues in the technology, society and ethical responsibility

To face the global challenges with self-confidence

To utilize their knowledge for the human welfare

QUALITY POLICY

To pursue global standards of excellence in teaching, research, and consultancy and continuing education and to remain accountable in our core and support functions, through processes of self-evaluation and

continuous improvement.

Implementation of its quality policy and plans.

Vidyaa Vikas College of Engineering and Technology is governed by Vidyaa Vikas Educational & Charitable Trust (VVECT) with eminent members. The top management in consultation with the Principal and the Heads of the departments share the responsibility in framing the policies, nurturing and shaping the students, recruiting the staff, providing new courses and for all the academic and non academic activities.

The involvement of the leadership in ensuring Management policy.

The policy statements and action plans for fulfillment of the stated mission. Top management delegates authority and responsibility to the Principal to stay in line with the policies framed by the statutory bodies such as Anna University (AU) and AICTE. Top management provides guidelines and the Principal fulfils the requirements through HODs and faculty without any deviation as per the regulations of AU, Chennai.

The procedures adopted by the institution to monitor and evaluate policies and plans.

The management framed the policies in consultation with the senior faculty.

The colleges regularly collects feedback from the HoD's, Staff, Students, Parent and based on that improvements are regularly carried out.

Committees and cells are established to organize activities regularly in order to steer the Institution to the higher level.

College groom leadership at various levels.

The top management consists of well educated and renowned academicians. So, they guide the faculty members in the right direction. Other than that, the faculty members are given freedom to carry out individually by allocating committees to various faculties and provided autonomy to carry out various activities through the committees.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

6.2 Strategy Development and Deployment

6.2.1

The institutional perspective plan is effectively deployed and functioning of the institutional bodies is

effective and efficient as visible from policies, administrative setup, appointment, service rules, and procedures, etc

Response:

The VVCET has a formally stated Quality Policy. Institution strives to achieve Academic excellence by futuristic outlook in the fields of Engineering and Technology in a well-disciplined environment through

- Commitment to continual improvement in all areas
- Involvement of people at all levels
- Up gradation of Infrastructure and human resources

An Internal Quality Assurance Cell (IQAC) has been constituted to develop, drive, deploy and review the Quality Policy. The IQAC takes into account the vision & mission and several other aspects of the institution and formulates processes to ensure quality outcome.

The IQAC works closely with the management and the Principal to drive and implement the processes across the institution. The cell meets once in a month to review the progress of implementation and accordingly makes changes to quality policy, where necessary.

Faculty members were requested to give their ideas for quality policy and further discussions are made by the top management level to formulate and to deploy those policies in an effective manner.

Quality Policy is achieved by

- Providing excellent infrastructure and conducive learning environment
- Proactively responding to the changing needs of industry, parents, and the society by embracing latest technological trends in the field of education

Perspective plan for development.

The Management is committed for the aspects of development of education, augmentation of infrastructural facilities and growth of the institution. The Management specifies targets to the institution along with allocating budget. Following aspects are considered for inclusion in the plan:

- Infrastructure Management
- Digitalized Teaching-Learning Process like Smart Class Room and Video Conference
- Training and Placements
- Industry Interaction and Involvement
- Human Resource Management

- Stake Holders Involvement

QUALITY IMPROVEMENT STRATEGIES

Teaching-Learning

- Preparation of well defined Academic Schedule
- Proper Subject Allocation
- Preparation and Review of Lesson plan and Notes of Lesson
- Maintain the good attendance in each section, department and College
- Material Distribution and Verification
- Distribution of university questions with Question bank
- Standard Evaluation and uniform review
- Identifying the slow learners, conducting coaching class and effective practice tests
- Encouraging the Peer learning
- Conducting parents meeting effectively with counseling
- Feedback from the students, faculty members and review for preventive actions
- Addressing the students regarding to attend the university examinations effectively

In addition,

- Digitalized teaching resources like Smart class room, Video conferencing and Wi-Fi campus for the effective content delivery and self learning
- Organizing expert lectures, and seminars for students and faculty
- Organizing Employability Skills Training like Technical and Communication
- Continuous improvement of resources

File Description	Document
Upload Additional information	View Document
Institutional perspective Plan and deployment documents on the website	View Document

6.2.2

Institution implements e-governance in its operations

- 1. Administration**
- 2. Finance and Accounts**
- 3. Student Admission and Support**
- 4. Examination**

Response: A. All of the above

File Description	Document
Screen shots of user interfaces of each module reflecting the name of the HEI	View Document
Annual e-governance report approved by the Governing Council/ Board of Management/ Syndicate Policy document on e-governance	View Document

6.3 Faculty Empowerment Strategies**6.3.1**

The institution has performance appraisal system, effective welfare measures for teaching and non-teaching staff and avenues for career development/progression

Response:

The VVCET makes sincere efforts to enhance and enrich the professional development of its teaching and non-teaching staff. Some of them are as follows:

- Assessment and Training programs are conducted for the new faculties to improve their communication skills and Teaching skills
- Organizing Faculty/staff motivational programs once in six months
- Sponsoring/deputing the faculty to Faculty Development Programs organized by the University and other institutions in the region
- Organizing frequent interactions with industry professionals
- Encouraging the faculty/staff to publish research papers in journals and offering incentives for the same
- Sanctioning leave on-duty to attend conferences / workshops outside of the institution
- Providing continuous Wi-Fi internet connectivity to encourage self learning and development

- Encouraging the faculty/staff for higher education / training
- Improvement in teaching, training and learning facilities by establishing new digitalized facilities like Smart Class rooms, Video Conference and strengthening library by online journals and e-resources
- Deputed in managerial levels
- Encouraged in consultancy work
- Arranging training for strengthening the knowledge of using latest facilities and equipments

STRATEGIES ADOPTED

- Every year at the beginning of the semester a Faculty Training and Assessment program is conducted by the management to train and refresh the teachers in Teaching skills and Communication
- Frequent internal Faculty Development Programs by the Heads of the Departments and/or the senior faculty
- Additional leadership responsibilities for senior faculty as heads of institutional committees to develop leadership among the faculty
- Frequent interaction with faculty by the Chairman and Principal
- Rewarding the best performers in terms of promotions and salary increments
- Motivating the teachers to attend and organize conferences/workshops every semester

WELFARE SCHEMES

- Free Scholarship for the students who are all blood related with Faculties
- Provision for Provident fund
- Group Insurance for all teaching and non-teaching staff
- Free Transport for all the teaching and non teaching staff
- Vacation leave for teaching and non-teaching staff
- On-duty facility for attending training programs and to pursue Ph.D.
- Maternity leave scheme for female staff
- Safety and security personnel
- Canteen facilities

MEASURES TO RETAIN FACULTY

Following are the measures taken by the institution to attract and retain the best of the faculty: • Providing salary as per AICTE Norms.

- Interest & strength of the faculty are taken into account while allotting academic responsibilities.
- Sponsoring National/International conferences for paper presentations, continuing education Programs.
- Grooming the faculty with additional responsibilities.
- Performance based salary increments
- Free Transport for all the teaching and non teaching staff

File Description	Document
Upload Additional information	View Document

6.3.2

Percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

Response: 46.54

6.3.2.1 Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
69	95	77	20	15

File Description	Document
Institutional data in the prescribed format	View Document
Copy of letter/s indicating financial assistance to teachers and list of teachers receiving financial support year-wise under each head.	View Document

6.3.3

Percentage of teaching and non-teaching staff participating in Faculty development Programmes

(FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years

Response: 63.37

6.3.3.1 Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
92	91	72	80	75

6.3.3.2 Number of non-teaching staff year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
10	10	11	10	13

File Description	Document
Institutional data in the prescribed format	View Document
Copy of the certificates of the program attended by teachers.	View Document
Annual reports highlighting the programmes undertaken by the teachers	View Document

6.4 Financial Management and Resource Mobilization

6.4.1

Institution has strategies for mobilization and optimal utilization of resources and funds from various sources (government/ nongovernment organizations) and it conducts financial audits regularly (internal and external)

Response:

VVCET has a perfect mechanism to monitor an effective and efficient use of financial resources.

Every academic year principal calls for budget proposals from all the departments. The budget proposal is prepared by Heads of the Departments in consultation with the lab in charges. The budget proposal is prepared based on the academic requirements. The prepared budget is submitted in the budget meeting and all the department budgets are discussed. Each and every budget is thoroughly analyzed and

essentially discussed before the approval by the management.

The budget is approved by the Principal, Secretary and Chairman and the copy is handed over to the Heads of the departments. The Heads of the Departments calls quotation from the approved list of suppliers. After evaluation of the quotations comparative statement is prepared, suppliers are called for personal discussion. By comparing all aspects of various suppliers, orders are placed for the best preference. This ensures that durable equipment is purchased at the negotiable and most competitive price. The supplier who fulfills the terms and conditions is given the order.

At the time of delivery of ordered items by the companies, the quality and quantity are checked and verified by the concerned Incharges and Heads of the Departments against the order copy. The concerned department takes the responsibility of maintaining the accounts and documentation. Further details of all the materials are entered in stock register and a stock is being maintained. The accounts of the institution are subject to audit by internal and external auditors. Internal audit is conducted periodically and any discrepancy identified is brought to the notice of the Principal.

Budget is reviewed by the management and Principal. Whenever any deviation occurs in the budget, respective HoDs have to address the issue and give justification for the subsequent approval. In the above mechanism, the institution monitors and maintains the available financial resources.

INSTITUTIONAL MECHANISMS FOR INTERNAL AND EXTERNAL AUDIT

The VVCET has an effectual mechanism for auditing the accounts. The accounts of the college are audited by chartered accountant regularly as per the rules.

Internal Audit

The internal audit is carried out by the Governing Council of the College. The internal auditor checks the receipts with fee receipts and payments with vouchers and relevant supporting documents. The internal auditor ensures that all payments are duly authorized.

Expenses are incurred in accordance with the budget approved. Every expense voucher is recommended by the Heads of the Departments and approved by Principal. All vouchers are audited by an Internal Auditor.

External Audit

The external auditor conducts statutory audit at the end of financial year. After the audit, the report is sent to the Management for review. The college is controlling and utilizing its financial resources for effective functioning.

File Description	Document
Upload Additional information	View Document

6.5 Internal Quality Assurance System

6.5.1

Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities

Response:

The Institution strives to achieve Academic excellence by futuristic outlook in the fields of Engineering and Technology in a well-disciplined environment through

- Commitment to continual improvement in all areas
- Involvement of people at all levels
- Upgradation of Infrastructure and human resources In accordance with the above policy,

the Institution has created the IQAC and came out with well-defined responsibilities to contribute the Quality assurance processes. College has developed several quality assurance mechanisms within the existing academic and administrative system. The responsibilities of the IQAC are,

- Development and application of Quality benchmarks / parameters for the various academic and administrative activities of the Institution
- Dissemination of information on various Quality parameters of the higher education
- Organization of workshops, seminar on Quality related themes and promotion of Quality services
- Documentation of the various programs / activities leading to Quality improvement
- Acting as a nodal agency of the institution for Quality related activities
- Preparation of the Annual Quality Assurance Report (AQAR) to be submitted to NAAC based on the Quality parameters
- Facilitating the creation of centric-learning environment conducive for Quality education and faculty to enhance the required knowledge and latest technology for participatory Teaching and Learning process
- Arrangement for feedback responses from students, parents and other stakeholders on Quality related Institutional processes
- Development and maintenance of Institutional database for the purpose of enhancing the Institution Quality
- Development of Quality culture

- Collect the duly filled-in performance based appraisal system (PBAS) Performa
- Documentation and record keeping
- Establish procedure and modalities to collect data and information on various aspects of Institutional functioning

Plan of Actions

- To facilitate the students chapter of Management and Personality development program for students
- To motivate faculties for research work and participating to the National and International seminars and conferences
- To provide platform with inspiring faculties for joining FDPs and doing Ph.D. in their areas of work / interest
- To conduct various academic, socio-cultural and other programs for overall growth of students
- To emphasize on students counseling and assistance programming like, Career Guidance and assisting for Career Planning

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

6.5.2

Quality assurance initiatives of the institution include:

1. Regular meeting of Internal Quality Assurance Cell (IQAC); quality improvement initiatives identified and implemented
2. Academic and Administrative Audit (AAA) and follow-up action taken
3. Collaborative quality initiatives with other institution(s)
4. Participation in NIRF and other recognized rankings
5. Any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA etc.

Response: A. Any 4 or more of the above

File Description	Document
Quality audit reports/certificate as applicable and valid for the assessment period.	View Document
NIRF report, AAA report and details on follow up actions	View Document
List of Collaborative quality initiatives with other institution(s) along with brochures and geo-tagged photos with caption and date.	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document
Link to Minute of IQAC meetings, hosted on HEI website	View Document

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1

Institution has initiated the Gender Audit and measures for the promotion of gender equity during the last five years.

Describe the gender equity & sensitization in curricular and co-curricular activities, facilities for women on campus etc., within 500 words

Response:

Gender Equity is creating an awareness that it is everybody's responsibility to ensure that women are given equal rights and opportunities in life. Our college takes many measures to give our girl students equal opportunity in all areas of academic, co-curricular and extracurricular activities. Students of both the genders are given equal opportunities to grow and develop into able, responsible citizens of the future. College makes efforts to maintain gender balance among the faculty members, administrative and housekeeping departments.

The recent increase in incidents of violence against women has created a need for safety and security for our girl students. Hence, we have taken measures to tighten security in our campus. VVCET has a separate boys and girls hostel. Day scholars who travel by college bus are segregated based on the gender in the bus girl students are provided with a separate common room and sick room where they can relax during break hours or can be used by sick students to take rest.

Besides these infrastructural and academic facilities, VVCET has Clubs and Committees to address the needs of girl students. They are PEN- Poovaiyar Empowerment Association (Women Empowerment Cell), Guidance and Counselling Cell, Grievance and Redress Cell and Anti Ragging Cell. They ensure that student problems are addressed promptly and effectively. International Women's Day is celebrated every year during which eminent women personalities, qualified doctors and psychologists are invited to teach our girl students on how to manage a mixed gender classroom and work place. A suggestion box has been placed on the premises of the college to ensure redressal of grievances and create proactive response to students' requirements. First Aid boxes are available in each department and fire extinguishers are placed in prominent places for emergencies.

File Description	Document
Upload Additional information	View Document

7.1.2

The Institution has facilities and initiatives for

1. Alternate sources of energy and energy conservation measures

2. Management of the various types of degradable and nondegradable waste
3. Water conservation
4. Green campus initiatives
5. Disabled-friendly, barrier free environment

Response: A. 4 or All of the above

File Description	Document
Policy document on the green campus/plastic free campus.	View Document
Geo-tagged photographs/videos of the facilities.	View Document
Circulars and report of activities for the implementation of the initiatives document	View Document
Bills for the purchase of equipment's for the facilities created under this metric	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

7.1.3

Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following

1. Green audit / Environment audit
2. Energy audit
3. Clean and green campus initiatives
4. Beyond the campus environmental promotion activities

Response: A. All of the above

File Description	Document
Report on Environmental Promotional activities conducted beyond the campus with geo tagged photographs with caption and date	View Document
Policy document on environment and energy usage Certificate from the auditing agency	View Document
Green audit/environmental audit report from recognized bodies	View Document
Certificates of the awards received from recognized agency (if any).	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

7.1.4

Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and Sensitization of students and employees to the constitutional obligations: values, rights, duties and responsibilities of citizens (Within 500 words)

Response:

Vidyaa Vikas College of Engineering & Technology sensitizes the students and the employees of the institution to the constitutional obligations about values, rights, duties, and responsibilities of citizens which enables them to conduct as a responsible citizen.

To equip students with the knowledge, skill, and values that are necessary for sustaining one's balance between a livelihood and life by providing an effective, supportive, safe, accessible, and affordable learning environment. These elements are inculcated in the value system of the college community.

The students are inspired by participating in various programs on values, rights, duties, and responsibilities of citizen by inviting prominent people. The institution various awareness programs conducted on the voting, ban on plastics, tree plantation, road safety, cleanliness, Eye camp, Blood donation camp, aadhar verification, etc. involving students.

The college establishes policies that reflect core values. Code of conduct is prepared for students and staff and everyone should obey the conduct rules. The Anna University curriculum is framed like Professional ethics and human rights, as a small step to inculcate constitutional obligations among the students.

The college hosts a variety of activities to encourage cultural, ethical, religious and spiritual values among staff and students. The feeling of oneness and social harmony among students and staff are brought about through the celebration of commemorative days like Gandhi Jayanthi, Republic Day, Independence Day, Yoga Day, women's Day and Teacher's Day. As a result, positive interactions

between individuals from various racial and cultural origins are established. The institute has grievance redressal cell that handle complaints without discriminating with respect to race or cultural background of the parties involved. The staff, faculties and students are required to abide by different codes of ethics, regardless of their cultural, linguistic, communal, socio-economic or other differences.

Our college is implemented a number of initiatives, such as the Days of Eminent Personalities, National Festivals to create an inclusive atmosphere by uniting teachers and students from all backgrounds on one platform for establishing a conducive atmosphere. These roles support the growth of harmony and tolerance towards differences in language, culture, geography and society as well as in social and economic conditions within communities.

VVCET staff and students are jointly celebrating the cultural and regional festivals like, Annual Day celebration, Pongal celebration, Christmas celebration, sports day celebration orientation and farewell program, Induction program. In order to conduct various cultural, sports and other activities, the institute has well established sports and cultural committees. The infrastructure to conduct these activities include seminar hall, sports complex (indoor, outdoor, gymnasium). Transport facilities are provided to students who would like to participate in various events and also during practice time.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

7.2 Best Practices

7.2.1

Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual

Response:

BEST PRACTICE - I

1. Title of the Practice:

Awareness among the Students to Become Socially Responsible Citizens

1. Objectives of the Practice:

VVCET has always held dear the idea of social responsibility and brings under its banner, the wings of all social extension activities initiated by the college and executed by different bodies.

The institution implemented the practice with following objectives:

- To inculcate moral and cultural values among the students.
- To inculcate social attributes among the students so as to make them responsible citizens.
- To engage the students in NSS, Rotaract Club, Youth Red Cross etc. to conduct various awareness programmes and social activities.

3.The Context:

In addition to preparing students academically and developing their skills, our institution has also taken an initiative to make the future generation a responsible social citizen. A good citizen has to imbibe many qualities such as to obey the laws, to keep in mind the welfare of the society, to respect the cultural heritage of country, to live in peace and harmony with fellow citizens, to be loyal to the nation, to protect the wildlife and biodiversity, etc. A sensible native should have a spirit of co-operation, friendliness, humanity, dedication and devotion towards society.

4. The Practice:

The college is always keen on the grounds of doing social work selflessly for the welfare of the common masses. As education without social commitment is incomplete, the college aims to foster the spirit of social service in our students. The institution promotes extension programmes of the college ultimately aiming at the overall development of the society. Such activities are mainly carried out by the 'Serving Cells' such as NSS, Rotaract Club, and Youth Red Cross etc, in which the students and the teachers partake enthusiastically.

5. Evidence of Success

Through this practice different departments and Serving cells have taken sincere efforts to organize the above-mentioned events successfully and the following outcomes have been observed as evidence of success.

- Improved self-discipline cultured life with moral values
- Abundant environmental awareness
- Understanding the importance of gender equity
- Increased volunteering for blood donation
- Started to concentrate on health and hygiene
- Continuous implementation of the schemes every year stands as proof of their success.
- Positive feedback from the stakeholder catered to.

6. Problems Encountered:

- Ø Creating awareness in the students about the socio-economic status of the society they are catering to.
- Ø Encouraging them to step out from their comfort zones to reach out to society.
- Ø Initial hesitation to stay back beyond college hours.

Resources Required:

- Dedicated staff and assistants to help implement the schemes and conduct events

- Arranging conveyance for the students whenever they have to go into the villages Sensitization lectures for the students to make them aware of the social extension activities and their impact on society.

BEST PRACTICE - II

1. Title of the Practice:

Professional Enrichment for Career Development

1. Objectives of the Practice:

VVCET offers career guidance on all aspects of career planning, job opportunities and options of post-graduate studies for students to help them choose the right career path based on their interests and capabilities. The Institute works towards enhancing the individual and institutional culture to better turn out graduating students with appropriate attitude, capability and temperament to serve the needs of an ever-changing and dynamic needs of the community.

- To broadly explore various career options. The practice helps the students to think of various forms of careers that can be taken up by them after completing the graduation.
- To enable students to select appropriate higher education program after completing the undergraduate program.
- To identify and facilitate the students (with a desire to explore entrepreneurship) in making them aware of the necessary resources (Process, Technology and Enterprises) needed to explore entrepreneurship as a career path.

3.The Context:

The school students (Class XII) who are entering into engineering discipline, have different levels of school experiences. These range from Tamil & English medium, urban and rural schools, central Schools, etc. This is in addition to the universal facet of varying Socio-Economic, Educational and Gender factors.

- Getting the students through In-house faculty members to emphasize the importance of attending the career guidance programs so that they are regular in attending placement training programs and career guidance sessions.
- Getting the faculty members to be aware of multiple career options for Engineering in general and Branch specifics was also needed
- Continuous Alumni feedback and interactions were needed and was very much important in delivering the practical aspects of career planning including supplementary (formal/non formal) activities to bolster the formal curriculum.

4. The Practice:

4.1 Practice

- Career Guidance training programs are conducted for students to help them explore various career options starting at 2nd year of the program.
- Alumni (mostly from Industries) are regularly invited to address students and to guide them through the career options, provide industry insights and to impart knowledge on the current trends and latest technologies.

4.2 Uniqueness in the context of India higher Education.

The career guidance offered at VVCET not only includes regular placement training programs but also includes the following,

- Life skills training program are conducted to bring better personal understanding of one self, so that they are more successful and actively capable to participate in personal and professional life.
- The recruiters provide necessary on campus training program. This in turn enhances the confidence to perform better, before they report to the job positions for which they are selected, in the pre-final year of study. This allows for higher retention in the companies they join.

5.Evidence of Success:

- The number of students attending the career guidance programs willingly have increased over the years.
- A few of the students have become successful in attending and selecting through civil services examinations.
- A few of the students have become successfully joining in higher studies .

6. Problems Encountered and Resources Required:

A lot of background work had to be done before, during and after organizing career guidance activities. These included identifying appropriate topics, features or skill needed to be imparted. This led to appropriate resource person to be identified to handle this, followed by technical, financial and physical resources needed to conduct the activity. Qualitative assessment of feedback from such activities had to be done to scale up, modify or even drop such activities in future

File Description	Document
Best practices as hosted on the Institutional website	View Document
Any other relevant information	View Document

7.3 Institutional Distinctiveness

7.3.1

Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response:

EQUITY AND QUALITY IN EDUCATION FOR RURAL STUDENTS

HOLISTIC DEVELOPMENT OF STUDENTS

VIDYAA VIKAS COLLEGE OF ENGINEERING AND TECHNOLOGY, TIRUCHENGODE is working with the higher aim of holistic development of students to groom them as socially conscious, professionally oriented, rationally humanistic and vocally expressive citizens of India.

The rural area comprising of Varahoorampatti village, Karumagoundampalayam Andipalayam, Devanankurichi, Kadachanallur, Chitalandur, Anangoor and its surroundings with people of economically backward setup and lack of awareness about the latest avenues in the modern education. The need of the community is to provide quality higher education at an affordable cost. To educate these students community from the economically backward community Vidyaa Vikas Educational Trust was formed. The Institution provides ample opportunities for those students by providing free education through Vidyaa Vikas Educational and Charitable Trust Scholarship

SCHOLARSHIP SUPPORT

The specific objective of the Institution is to choose, educate, train and equip the students to meet the industrial needs. To fulfill the dream of the young aspirants of this economically backward community, the Institution is providing financial support through various scholarship schemes. These various scholarship schemes are provided by the well-defined Admission policy framed and approved by the Governing Council from time to time.

The students who secure good marks at school level in their higher secondary certificate examinations are given full scholarship. This scholarship is entitled not only for First Graduate students but also for worthy non-First Graduate students.

PRE-ADMISSION COUNSELING AND PLACEMENTS

The admitted students are provided with an ambience that facilitates effective teaching and learning processes for the development of critical thinking, effective communication and creativity. Student centric methodologies such as Experiential Learning and Participative Learning coupled with the implementation of ICT tools in teaching have improved the cognitive levels of students' learning curve.

The institution innovation council, placement cell/career guidance cell, English Proficiency clubs and entrepreneurship development lend their helping hands in grooming the students' industry ready by providing avenues for total professional growth. Through the institution innovation cell our institution projects the students' creativeness and critical thinking skills while pushing them to try a range of

techniques and media. It makes the students question, rationally think and make choices, generate alternatives, work collaboratively and create their own solutions for problems. Regular competitions and contests for designing posters, logo contests and video making are conducted. The main motto is to improve the students' creative skills by giving design problems. It is committed to nurture and develop innovative thinking skills in an experiential manner among the student community. Students will transform their design skills through models and digital forms.

This conveying of a message effectively in an art and is developed after passionate continuous practice. Regular workshops, seminars, and value added course are conducted as per the academic calendar to groom the raw talents in hand to face the real world with competency bubbled with confidence. The main purpose of the placement cell/career guidance cell and English proficiency club is to promote enthusiasm among students for the English language with a friendly but serious way to approach a new language and to encourage students of this club to actively participate in all the events.

Career guidance cell does not occur overnight rather it is a continuous process. The career guidance cell focuses on improving/developing the total professional and personality growth. Numerous good habits such as waking up early, reading books, organized activities, time management, honesty, integrity and scheduling based on priority are cultivated among the student community. Innovation, creativity and team building exercises form the core of the career guidance cell.

Due to the current stagnation in the job market, steps have been initiated to improve placement through regular training programs, the training and placement cell. The Institution can offer placement training free of cost to the third year students to improve their employability skills status.

The main focus of the Training and Placement Cell is to train and equip the students to meet the industrial needs.

- To prepare students to face campus interviews through arranging training in aptitude, group discussions, technical and mock interviews by trainers.
- To encourage career guidance and employment opportunities by organizing guidance lectures by corporate personnel and most importantly by the immediately placed senior students.
- To enhance employability skills, career competency, nurture life skills to all students and develop Industry readiness by imparting necessary training and thus bridging the gap between Industry and Academia.
- Students are motivated to increase their morale. Students are also informed and advised on the importance of maintaining good academic scores as these play a major role during recruitment.

As the Problem Solving Skills are the fundamental skill to crack the campus interviews, students are given training on Aptitude in which they learn and practice all sorts of problems. The industries' major expectation is the Communication Skills of students. Hence, they are given training which covers basic grammar, role plays, group discussions, debates, self-introductions, mock HR interviews etc. Soft Skills training is given to all the students to make them matured and confident during their campus interviews and also creates a good impression to the interview panel.

To meet the specific objective of educating a student from a rural ground by providing high quality education and making them industry ready is not an easy task.

However, it is made possible by the generous contribution from the trust and scholarships from the

government like PMSS, BC/MBC scholarship, First Graduate, 7.5% scholarships and Pudhumai Pen etc. The quality of teaching and learning process is enhanced by the adoption of information and communication tools. Further, the clubs provided a platform to improve their professional growth. The Placement readiness programmes of our institution equipped the students with industry readiness. The main obstacles faced by the student community are the lack of communication skills. This hurdle is overcome by the continuous motivation by the faculty, the placement cell/career guidance cell and English Proficiency club initiatives. Thus, the Institution is able to transform a raw student into an industry ready graduate by providing a platform to enlighten their lives.

File Description	Document
Appropriate web in the Institutional website	View Document
Any other relevant information	View Document

5. CONCLUSION

Additional Information :

Criteria-wise documentation has been made for NAAC Accreditation. All the seven criteria are presented as per the Guidelines of the NAAC. The core functions and activities of the college which have a direct impact on the teaching learning, Research, Community Development and the holistic development of the students studying here are taken care of.

Concluding Remarks :

The college maintains the Faculty: Student ratio of 1:15 for UG and 1:12 for PG towards effective and quality teaching. The college adopts participatory management principle; hence the entire constituent to the departments are decentralized for independent and effective functioning, thereby contributing full effort towards development of the college.

The Principal is the ultimate administrative authority, discharging works with the guidance and approval of the Management Committee of the college and each department independently functions under the guidance and responsibility of the Heads of the Departments. One of the remarkable features of the college is that it has many experienced faculty members who are encouraged with timely promotions and incentives for research.

A separate office and the Examination Cell are functioning in our college campus with all facilities and software packages to conduct the End Semester Examination. The Training & Placement Cell is functioning efficiently in the college premises. The cell organizes various programmes to train the students in placement activities. It invites experts from various parts of the country to enhance our students' employability skills and communication skills. Also, the cell helps the students to undergo training in various industries, fellowship training at the premier technical institutions of the country and to get fellowship through various schemes of the Government of India.

Industrial visits are arranged to enable the students to gain first-hand information. The library to its credit houses a rich collection of books for all subjects with individual titles. National Journals, International Journals, e-Journals and back volumes are available to be utilized by the staff and students. The library is kept open for nine hours in week days. Even on Sundays the library extends its service. Book distribution has been automated for quick and easy issuing.

Seminar halls are available with modern furniture and multimedia teaching aids. Our college auditorium with modern facilities has the capacity to accommodate 1000 person.

Yoga is being practiced with the guidance of experts in the field. Sewages treatment plant is available. The waste water in the hostels is utilized by way of drip irrigation in the entire campus.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification																				
1.2.1	<p>Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)</p> <p>Answer before DVV Verification :</p> <p>Answer After DVV Verification :13</p> <p>Remark : DVV has made changes considering Value added courses outside of the regular curriculum</p>																				
1.2.2	<p><i>Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years</i></p> <p>1.2.2.1. Number of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>410</td> <td>290</td> <td>312</td> <td>436</td> <td>673</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>134</td> <td>66</td> <td>58</td> <td>120</td> <td>187</td> </tr> </tbody> </table> <p>Remark : DVV has made changes as per 1.2.1</p>	2022-23	2021-22	2020-21	2019-20	2018-19	410	290	312	436	673	2022-23	2021-22	2020-21	2019-20	2018-19	134	66	58	120	187
2022-23	2021-22	2020-21	2019-20	2018-19																	
410	290	312	436	673																	
2022-23	2021-22	2020-21	2019-20	2018-19																	
134	66	58	120	187																	
2.1.2	<p><i>Percentage of seats filled against reserved categories (SC, ST, OBC etc.) as per applicable reservation policy for the first year admission during the last five years</i></p> <p>2.1.2.1. Number of actual students admitted from the reserved categories year wise during last five years (Exclusive of supernumerary seats)</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>156</td> <td>81</td> <td>90</td> <td>44</td> <td>134</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>130</td> <td>49</td> <td>58</td> <td>43</td> <td>130</td> </tr> </tbody> </table>	2022-23	2021-22	2020-21	2019-20	2018-19	156	81	90	44	134	2022-23	2021-22	2020-21	2019-20	2018-19	130	49	58	43	130
2022-23	2021-22	2020-21	2019-20	2018-19																	
156	81	90	44	134																	
2022-23	2021-22	2020-21	2019-20	2018-19																	
130	49	58	43	130																	

2.1.2.2. Number of seats earmarked for reserved category as per GOI/ State Govt rule year wise during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
350	391	391	391	397

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
349	391	391	377	397

Remark : DVV has made changes as per the report shared by HEI.

3.3.1 Number of research papers published per teacher in the Journals notified on UGC care list during the last five years**3.3.1.1. Number of research papers in the Journals notified on UGC CARE list year wise during the last five years**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
16	06	02	04	04

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
12	3	2	4	2

Remark : DVV has made changes as per the report shared by HEI.

3.4.3 Number of extension and outreach programs conducted by the institution through organized forums including NSS/NCC with involvement of community during the last five years.**3.4.3.1. Number of extension and outreach Programs conducted in collaboration with industry, community, and Non- Government Organizations through NSS/ NCC etc., year wise during the last five years**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
14	02	02	04	04

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
6	1	0	2	1

Remark : DVV has made changes as per the report shared by HEI.

3.5.1 ***Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.***

Answer before DVV Verification :

Answer After DVV Verification :20

Remark : DVV has made changes as per the report shared by HEI.

4.4.1 ***Percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, during the last five years (INR in Lakhs)***

4.4.1.1. Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year wise during the last five years (INR in lakhs)

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
154.80	112.44	110.40	127.56	206.02

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
62.9	37.32	80.93	91.96	251.39

Remark : DVV has rechecked and made changes as per the SOP

5.1.1 ***Percentage of students benefited by scholarships and freeships provided by the institution, government and non-government bodies, industries, individuals, philanthropists during the last five years***

5.1.1.1. Number of students benefited by scholarships and freeships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
512	354	341	489	769

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
495	354	341	489	769

Remark : DVV has made changes as per the report shared by HEI.

5.2.1 Percentage of placement of outgoing students and students progressing to higher education during the last five years

5.2.1.1. Number of outgoing students placed and / or progressed to higher education year wise during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
42	97	118	132	148

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
56	83	118	132	132

5.2.1.2. Number of outgoing students year wise during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
63	103	169	193	194

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
63	94	163	180	154

Remark : DVV has made changes as per mismatch in input as per supporting documents

5.3.1 Number of awards/medals for outstanding performance in sports/ cultural activities at University / state/ national / international level (award for a team event should be counted as one) during the last five years

5.3.1.1. Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) year wise during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
150	150	100	200	250

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
98	77	51	67	102

Remark : DVV has made changes considering only the e-copies shared and prize winning certificates as per the report shared by HEI.

5.3.2	<p>Average number of sports and cultural programs in which students of the Institution participated during last five years (organised by the institution/other institutions)</p> <p>5.3.2.1. Number of sports and cultural programs in which students of the Institution participated year wise during last five years</p> <p>Answer before DVV Verification:</p> <table border="1" data-bbox="304 389 1046 524"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>100</td> <td>100</td> <td>50</td> <td>200</td> <td>250</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="304 602 1046 736"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>4</td> <td>4</td> <td>4</td> <td>4</td> </tr> </tbody> </table> <p>Remark : DVV has made changes grouping activities to nearby dates as per the report shared by HEI.</p>	2022-23	2021-22	2020-21	2019-20	2018-19	100	100	50	200	250	2022-23	2021-22	2020-21	2019-20	2018-19	4	4	4	4	4
2022-23	2021-22	2020-21	2019-20	2018-19																	
100	100	50	200	250																	
2022-23	2021-22	2020-21	2019-20	2018-19																	
4	4	4	4	4																	
6.3.2	<p>Percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years</p> <p>6.3.2.1. Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1" data-bbox="304 1173 1046 1308"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>97</td> <td>97</td> <td>90</td> <td>39</td> <td>33</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="304 1386 1046 1520"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>69</td> <td>95</td> <td>77</td> <td>20</td> <td>15</td> </tr> </tbody> </table> <p>Remark : DVV has only considered unique entries of financial support for amounts over 2000 as per the data shared by HEI</p>	2022-23	2021-22	2020-21	2019-20	2018-19	97	97	90	39	33	2022-23	2021-22	2020-21	2019-20	2018-19	69	95	77	20	15
2022-23	2021-22	2020-21	2019-20	2018-19																	
97	97	90	39	33																	
2022-23	2021-22	2020-21	2019-20	2018-19																	
69	95	77	20	15																	
6.3.3	<p><i>Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years</i></p> <p>6.3.3.1. Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1" data-bbox="304 2002 1046 2092"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	2022-23	2021-22	2020-21	2019-20	2018-19															
2022-23	2021-22	2020-21	2019-20	2018-19																	

102	104	83	90	86
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Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
92	91	72	80	75

6.3.3.2. Number of non-teaching staff year wise during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
17	17	18	16	18

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
10	10	11	10	13

Remark : DVV has made changes considering individual entries for teaching and non teaching staff for respective MDP and FDPs

2.Extended Profile Deviations

ID	Extended Questions																				
1.1	<p>Number of students year wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1"> <tr> <td>2022-23</td> <td>2021-22</td> <td>2020-21</td> <td>2019-20</td> <td>2018-19</td> </tr> <tr> <td>503</td> <td>359</td> <td>369</td> <td>541</td> <td>815</td> </tr> </table> <p>Answer After DVV Verification:</p> <table border="1"> <tr> <td>2022-23</td> <td>2021-22</td> <td>2020-21</td> <td>2019-20</td> <td>2018-19</td> </tr> <tr> <td>505</td> <td>368</td> <td>369</td> <td>541</td> <td>815</td> </tr> </table>	2022-23	2021-22	2020-21	2019-20	2018-19	503	359	369	541	815	2022-23	2021-22	2020-21	2019-20	2018-19	505	368	369	541	815
2022-23	2021-22	2020-21	2019-20	2018-19																	
503	359	369	541	815																	
2022-23	2021-22	2020-21	2019-20	2018-19																	
505	368	369	541	815																	