



SELF STUDY REPORT

FOR

1st CYCLE OF ACCREDITATION

VIKAS COLLEGE OF ENGINEERING AND TECHNOLOGY

**NUNNA VILLAGE POST, VIJAYAWADA RURAL (MANDAL), KRISHNA (DIST)
521212**

www.vikasinstitutionsnunna.org

SSR SUBMITTED DATE: 20-04-2021

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

April 2021

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Vikas College of Engineering & Technology (VCET) is run by Saraswathi Vidya Peetam educational society which is the destination for high quality education comprising almost all areas of studies such as School, XII, UG, PG, B.Ed., D.Ed., D.Pharmacy, B. Pharmacy, Polytechnic, MBA and MCA. VCET strives to make quality education affordable through its regular upgradation of standards which match the best in the field. Our campus offers B.Tech in CSE, ECE, EEE, Mechanical, Civil and Agricultural Engineering, M.Tech in CSE, Structural Engineering, Embedded systems, PEED, Machine design, thermal Engineering and Systems & Signal Processing and MBA. Also, offering diploma in EEE, ME and Civil Engineering.

Vision

Vision

To be a premier educational institution for knowledge and skill development.

Mission

Mission

- Inculcate self-learning abilities and impart value based education
- Promote knowledge sharing and innovation with mutual partnerships
- Involve in activities, trainings for the overall development of the stakeholders
- Provide an ambience conducive for building engineers, entrepreneurs and administrators
- Inspire and make the rural youth ready for the competitive world with values and ethics

Quality Policy

Our quality policy is to impart value based education and strives for continuous improvement by adopting modern training methodologies with quality infrastructure, human resources that meet the needs of society.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

Green and pollution free campus

Scope for complete residential campus

Affordable education for rural students

Institutional Weakness

Experienced Ph.D qualified faculty

Institutional Opportunity

Become autonomous and further become university.

Institutional Challenge

Remote location though it is 20 km away from state capital

Inordinate delays in the release of students tuition fee by state Govt.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

With the strict implementation of the curriculum of the affiliating university JNTUK, VCET always strives to deliver the curriculum with student centric and skill focus. Electives for contemporary knowledge, various courses addressing the crosscutting issues and the skill based courses are offered both at 6 UG including Agricultural engineering and 8 PG programs. Add-on courses are offered aligned to the stakeholder expectations with proper feedback mechanism on the curriculum.

Teaching-learning and Evaluation

With focus on the slow learners, the teaching-learning process is customized for the rural students with additional study hours in the evenings (as majority of the students stay in campus). Satisfactory teachers and support staff were maintained throughout past 5 years with specific focus on the learning abilities of its students. Mentoring activity helping the students to groom them as professionals. Consistent admissions above 70% and the graduations at 70% is achieved by the organization through its student centric teaching-learning process.

Research, Innovations and Extension

Though VCET is still find it challenging on the R&D contributions, every effort to create awareness on IPR, publications to teachers. Extension activities are carried out by the institute helped the nearby villages and created satisfactory social consciousness among the students. Collaborations are explored for student skill development with the help of industry oriented trainings, project works, field visits and add-on courses.

Infrastructure and Learning Resources

With enormous scope to become completely residential campus with 100 acre green campus, the institute is located remotely but within 20 km radius of the state capital. Infrastructure was maintained sufficient for the execution of the curriculum with good computational and internet facilities. Library with both physical and remote access and computer labs has access to the hostel students beyond the college hours for the study. Satisfactory budgets were allocated for library and laboratories and utilized for the benefit of the students. EDC and project labs are available for students to impart the skills in sync with the theoretical knowledge.

Student Support and Progression

With the cost effective education provided to the rural students, outcomes such as placements and higher studies are focussed to the industry requirement. Student centric policies with continuous engagement with alumni was observed for the benefit of students. Consistent 45% placements and 15% higher studies observed in the institution as the outcome of their efforts.

Governance, Leadership and Management

With many institutions covering schools, physical education, pharmacy, managerial and engineering education by Saraswathi Vidya Peetam scattered in the entire district, Management has a complete view on the holistic education to their students. Decentralization observed with student and faculty involvement in various activities. Satisfactory emphasis was given to the knowledge and skill development of teachers and staff, policies are in place for incentivizing their efforts.

Institutional Values and Best Practices

Education for rural students at affordable cost is the motto seen in the institution. Serene green campus surrounded by hills with many mango and other big trees gets the university ambience for the campus. Customized coaching / counselling to the rural students to meet their dream of becoming professionals.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	VIKAS COLLEGE OF ENGINEERING AND TECHNOLOGY
Address	Nunna Village Post, Vijayawada Rural (Mandal), Krishna (Dist)
City	VIJAYAWADA
State	Andhra Pradesh
Pin	521212
Website	www.vikasinstitutionnunna.org

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	Ramana Bolla	0866-2469202	8500669272	-	principal.vcet@gmail.com
IQAC / CIQA coordinator	T.masthanaiah	0866-2469215	7382053817	-	vctnnaac@gmail.com

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	
Date of establishment of the college	30-06-2008

University to which the college is affiliated/ or which governs the college (if it is a constituent college)

State	University name	Document
Andhra Pradesh	Jawaharlal Nehru Technological University,Kakinada	View Document

Details of UGC recognition

Under Section	Date	View Document
2f of UGC		
12B of UGC		

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	30-04-2020	12	

Details of autonomy

Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?	No
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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	Nunna Village Post, Vijayawada Rural (Mandal), Krishna (Dist)	Rural	10.3	18467

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	BTech,Civil Engineering	48	XII	English	60	36
UG	BTech,Electronics And Communication Engineering	48	XII	English	120	48
UG	BTech,Agricultural Engineering	48	XII	English	60	60
UG	BTech,Computer Science And Engineering	48	XII	English	120	108
UG	BTech,Electrical And Electronics Engineering	48	XII	English	60	22
UG	BTech,Mechanical Engineering	48	XII	English	60	19
PG	Mtech,Civil Engineering	24	B.Tech	English	24	6
PG	Mtech,Electronics And Communication	24	B.Tech	English	24	0

	n Engineering					
PG	Mtech,Electronics And Communication Engineering	24	B.Tech	English	0	0
PG	MBA,Management Studies	24	Bachelor degree	English	120	58
PG	Mtech,Computer Science And Engineering	24	B.Tech	English	18	2
PG	Mtech,Electrical And Electronics Engineering	24	B.Tech	English	24	0
PG	Mtech,Mechanical Engineering	24	B.Tech	English	24	0
PG	Mtech,Mechanical Engineering	24	B.Tech	English	24	3

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	4				4				90			
Recruited	4	0	0	4	4	0	0	4	64	26	0	90
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	4				4				90			
Recruited	4	0	0	4	4	0	0	4	64	26	0	90
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				63
Recruited	19	44	0	63
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				63
Recruited	19	44	0	63
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				39
Recruited	18	21	0	39
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				39
Recruited	18	21	0	39
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.	0	0	0	0	0	0	0	0	0	0
Ph.D.	4	0	0	0	0	0	0	0	0	4
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	4	0	0	64	26	0	94

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	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

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	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

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
Diploma	Male	0	0	0	0	0
	Female	0	0	0	0	0
	Others	0	0	0	0	0
PG	Male	0	0	0	0	0
	Female	0	0	0	0	0
	Others	0	0	0	0	0
UG	Male	975	0	0	0	975
	Female	746	0	0	0	746
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years					
Programme		Year 1	Year 2	Year 3	Year 4
SC	Male	42	43	48	51
	Female	38	37	36	41
	Others	0	0	0	0
ST	Male	7	4	7	6
	Female	8	10	2	5
	Others	0	0	0	0
OBC	Male	90	121	98	103
	Female	59	34	65	76
	Others	0	0	0	0
General	Male	153	153	198	58
	Female	106	157	134	65
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		503	559	588	405

Extended Profile

1 Program

1.1

Number of courses offered by the Institution across all programs during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
528	524	534	517	530
File Description		Document		
Institutional data prescribed format		View Document		

1.2

Number of programs offered year-wise for last five years

2019-20	2018-19	2017-18	2016-17	2015-16
14	14	14	14	14

2 Students

2.1

Number of students year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
1695	1614	1421	1198	1426
File Description		Document		
Institutional data in prescribed format		View Document		

2.2

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

2019-20	2018-19	2017-18	2016-17	2015-16
267	267	281	309	309

File Description	Document
Institutional data in prescribed format	View Document

2.3

Number of outgoing / final year students year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
373	340	222	304	358

File Description	Document
Institutional data in prescribed format	View Document

3 Teachers

3.1

Number of full time teachers year-wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
105	118	97	83	58

File Description	Document
Institutional data in prescribed format	View Document

3.2

Number of sanctioned posts year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
105	118	97	83	58

File Description	Document
Institutional data in prescribed format	View Document

4 Institution

4.1

Total number of classrooms and seminar halls

Response: 34

4.2

Total Expenditure excluding salary year-wise during last five years (INR in Lakhs)

2019-20	2018-19	2017-18	2016-17	2015-16
264.39	307.50	328.49	278.10	289.26

4.3

Number of Computers

Response: 460

NAAC

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1 The Institution ensures effective curriculum delivery through a well planned and documented process

Response:

The College is affiliated to Jawaharlal Nehru Technological University, Kakinada and approved by AICTE, New Delhi. The College offers B.Tech, M.Tech and M.B.A Degree Programmes. The university designs the curriculum and revises it as and when necessary. At the commencement of the Academic year the Academic calendar is prepared by the Committee organized for the said purpose.

The Principal conducts a meeting before commencement of every academic year. The College informs the students about commencement of the academic sessions by way of notice. For each class, class teacher is assigned. At the beginning of the Academic year the teachers prepare the teaching plan of their respective subjects. The teaching plan is verified by the Head of the Department. There is sufficient flexibility in the teaching plan, so as to adopt the changes if any.

The college uses traditional chalk & talk method as well as innovative, interactive and ICT enabled teaching-learning process to make education understandable. The College uses student centric learning methods and encourages participative and experiential learning. The teachers use e-books, seminar, group discussions, projects, assignments and class tests etc. to enhance learning experience. The classroom teaching is complemented with co-curricular, extra-curricular and extension activities for development of student's personality. The IQAC and Principal monitor the syllabus coverage periodically. Attendance of students is monitored periodically and displayed on the notice board.

The examinations are conducted by the college as per university rules. The examination schedules are displayed on the notice boards well in advance as well as on university exams. Exams are conducted in a strict way to avoid any malpractice. The College does internal evaluation as per the guidelines given by the university. The examination records, result analysis are maintained.

The slow learners are provided extra lectures, seminar, group discussion, individual interactions regarding their problems, counseling sessions to improve knowledge. Advance students are provided additional assistance to increase their knowledge and skills. Along with this experiential learning, participative learning with the help of project work, assignment, seminar, PPT, industrial visits etc. activities are carried out to make teaching-learning process effective.

The Compliance of the curriculum is verified by the Head of the Department and the review is taken. The compliance of the curriculum is communicated to the Principal through the Head of the Department and at the end of term or year the performance of the students is verified by examination and their feedback. Action taken report is prepared by concerned committees and reviewed in college meetings for timely action taken and for further development of the college

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

1.1.2 The institution adheres to the academic calendar including for the conduct of CIE

Response:

- 1) University Syllabus & Course Outcomes In Academic Year & Regulation of university profile.
- 2) Question Paper Quantity Build Up In Two Categories.
 - A) Course Outcome
 - B) Blooms Taxonomy (Levels)

Each faculty frames the examination question papers considering the Co and taxonomy coverage as appropriate for the course outcomes.

Explained internal examination sample subject of EM-I

Q. No	Questions	Max. Marks	
1	Explain the construction and principle of operation of DC generator?	5M	
2	A 6-pole DC motor has a wave connected armature with 87 slots, each slot containing 6 conductors. The flux per pole is 20 m.wb and the armature has a resistance of 0.13 ohm when the motor is connected to 240V supply and the armature draws a current of 80A driving a load of 15KW. Calculate (i) Speed (ii) Armature Torque and (iii) shaft Torque	5M	
3	With a neat diagram, explain the operation of a 4-point starter. Discuss the advantages of 4-point starter over 3-point starter.	5M	
Question No.	Maximum Marks	Course Outcome Number	Taxonomy
Q.1	5M	CO1	L1
Q.2	5M	CO2	L5
Q.3	5M	CO3	L1

CO	Total CO Marks	%CO	Taxonomy	Total Taxonomy Marks	% Tax
CO1	5	33.33	Remember	10	66
CO2	5	33.33	Understand	0	

CO3	5	33.34	Apply	0	
CO4	0	0	Analyses	0	
CO5	0	0	Evaluate	5	33
CO6	0	0	Create	0	
Total	15	100	Total	15	1

3) Question Paper Quantity Analysis for Semester Previous Question Papers, Internal Examinations & Assignments or Slip Tests

4) Any Question Paper Each Question to Represents Status of Course Outcome & Level (Taxonomy).

5) It has to Measure Course out Come & Level of Marks & Percentage.

6) Finally Summary of Question Paper Quantity Analysis With Respect to Subjects.

7) Conclude that summary of all subjects & also every department with all subjects.

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

1.1.3 Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the last five years

1. Academic council/BoS of Affiliating university
2. Setting of question papers for UG/PG programs
3. Design and Development of Curriculum for Add on/ certificate/ Diploma Courses
4. Assessment /evaluation process of the affiliating University

Response: A. All of the above

File Description	Document
Institutional data in prescribed format	View Document
Details of participation of teachers in various bodies/activities provided as a response to the metric	View Document
Link for Additional information	View Document

1.2 Academic Flexibility

1.2.1 Percentage of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

Response: 100

1.2.1.1 Number of Programmes in which CBCS / Elective course system implemented.

Response: 14

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Link for Additional information	View Document

1.2.2 Number of Add on /Certificate programs offered during the last five years

Response: 36

1.2.2.1 How many Add on /Certificate programs are offered within the last 5 years.

2019-20	2018-19	2017-18	2016-17	2015-16
11	7	7	8	3

File Description	Document
List of Add on /Certificate programs	View Document
Brochure or any other document relating to Add on /Certificate programs	View Document
Link for Additional information	View Document

1.2.3 Average percentage of students enrolled in Certificate/ Add-on programs as against the total number of students during the last five years

Response: 49.36

1.2.3.1 Number of students enrolled in subject related Certificate or Add-on programs year wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
758	827	684	874	424

File Description	Document
Details of the students enrolled in Subjects related to certificate/Add-on programs	View Document
Any additional information	View Document

1.3 Curriculum Enrichment

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

Response:

The University curriculum contains following subjects integrates crosscutting issues.

B.TECH

Year / Semester	Courses
I Year - ISemester	English – I Engineering/Applied ChemistryLaboratory English -CommunicationSkills Lab - I Computer Programming Lab
I Year - IISemester	English – II English -CommunicationSkills Lab - II
II Year - ISemester	Professional Ethics & Human Values Managerial Economics &Financial Analysis
II Year -IISemester	ManagerialEconomics &Financial Analysis IndustrialEngineering and Management
III Year - ISemester	Management Science Operations Research
IV Year - ISemester	IPR & Patents
IV Year - IISemester	Agricultural Extension Techniques and Business Management

M.TECH--

I-I -Semester	Audit Course –1 English for Research Paper Writing Disaster Management Sanskrit for Technical Knowledge ValueEducation Research Methodology and IPR Quantitative Analysis for Business Decision
I-II –Semester	Audit Course-2Constitutionof India Stress Management byYoga Personality Development through Life Enlightenment Skills.
II Year - ISemester	Business Analytics Industrial Safety Operations Research Cost Management of EngineeringProjects Composite Materials Waste toEnergy

Apart from studying courses in the curriculum, the following measures are taken towards issues

Environmental studies:

The course environmental studies are introduced to address the issues and solution implementation related to environment sustainability also helps in understanding environmental policies and regulations. This course is taught in all programmes as a compulsory subject. Students will have exposed to climate change rainwater harvesting, water pollution, sewage treatment, air pollution, green concrete etc.

The college NSS wing is involved in planting trees,organizing different events to promote ecofriendly Ganesh, crackers free Diwali etc.Roof top solar plant in the campus generates power and utilizes for water lifting from the under ground. This motivates students for thinktowards environment friendly energy. The institute is proactive in sensitizing students towards environmental issues through guest lectures, industrial visits and waste collection.

Gender sensitivity:

Our college have women empowerment cell. Various events like quiz, Elocution Competitions & woman's day, are organized by the cell for gender sensitization. Internal compliance committee stays all the time to prevent any misbehavior towards woman. Equal opportunities are given to both the genders in curricular, co-curricular and extracurricular activities such as paper presentation, group discussion and quiz programs.

Human values and professional Ethics:

Professional ethics is offered as a course built in the curriculum to educate students in moral values, work ethics and integrity. It enables the students to learn the right and responsibilities as an engineer, team member and as a global citizen. Anti-ragging is strictly enforced in the campus and a cordial environment is maintained. As an integral part of student engagement in social activities during their program of study, NSS unit take up programs like blood donation camps, awareness camps, debates etc.

File Description	Document
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View Document
Any additional information	View Document

1.3.2 Average percentage of courses that include experiential learning through project work/field work/internship during last five years

Response: 70.86

1.3.2.1 Number of courses that include experiential learning through project work/field work/internship year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
426	363	312	409	354

File Description	Document
Programme / Curriculum/ Syllabus of the courses	View Document
MoU's with relevant organizations for these courses, if any Average percentage of courses that include experiential learning through project work/field work/internship	View Document
Any additional information	View Document

1.3.3 Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)**Response:** 25.13**1.3.3.1 Number of students undertaking project work/field work / internships**

Response: 426

File Description	Document
List of programmes and number of students undertaking project work/field work/ /internships	View Document
Any additional information	View Document

1.4 Feedback System**1.4.1 Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders 1) Students 2)Teachers 3)Employers 4)Alumni****Response:** A. All of the above

File Description	Document
Any additional information (Upload)	View Document
URL for stakeholder feedback report	View Document

1.4.2 Feedback process of the Institution may be classified as follows: Options:

- 1.Feedback collected, analysed and action taken and feedback available on website**
- 2.Feedback collected, analysed and action has been taken**
- 3.Feedback collected and analysed**
- 4.Feedback collected**
- 5. Feedback not collected**

Response: A. Feedback collected, analysed and action taken and feedback available on website

File Description	Document
Upload any additional information	View Document
URL for feedback report	View Document

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average Enrolment percentage (Average of last five years)

Response: 62.27

2.1.1.1 Number of students admitted year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
503	559	588	405	467

2.1.1.2 Number of sanctioned seats year wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
762	762	804	882	882

File Description

Document

Institutional data in prescribed format

[View Document](#)

Any additional information

[View Document](#)

2.1.2 Average percentage of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy) during the last five years (exclusive of supernumerary seats)

Response: 91.97

2.1.2.1 Number of actual students admitted from the reserved categories year-wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
250	249	256	282	280

File Description

Document

Average percentage of seats filled against seats reserved

[View Document](#)

Any additional information

[View Document](#)

2.2 Catering to Student Diversity

2.2.1 The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners

Response:

Support for “slow learners”.

Class teacher identifies the slow learners from each class. They are identified based on three criteria's :

1. Based on the previous semester end result
2. Based on the first unit test conducted after the first 3 weeks of academic calendar
3. Based on the first internal (Internal examination-1)

After taking the analysis of the above mentioned criteria's, firstly the slow learners are identified and listed out separately after taking the unit test result. Remedial classes for the slow learners are conducted after the college hours. Separate classes like tutorial classes and makeup classes are arranged for these slow learners. Along with regular class work these tutorial classes will also be conducted. Special attention would be given to the identified slow learners in respective subjects by that subject teacher like conducting some extra class tests after the completion of a topic or unit. These tests will be evaluated and after that based on the percentage of marks obtained further steps are taken. Based on the performance of the students up to the first half of the semester slow learners or students who are at the risk of failure and drop out candidates are identified. Special coaching is also provided for such students. Counseling is also given to the students who are listed out as slow learners.

1. The students who have three or more backlogs in the previous semester end are identified as slow learners in that particular semester.
2. The Students who gain less than 70% of marks in the unit test / class test after the first three weeks or immediately after the completion of the first topic are identified as slow learners.
3. Students who score less than 70 % of the marks in Internal-1/ mid -1 which is conducted after the first half of the semester are considered as slow learners.

Support for “Advanced learners”.

From each class, advanced learners are identified by the class teacher based on previous semester performance. For those students additional support such as GATE material, guidance for Internship is provided. Advanced learners are also motivated for their better performance in the upcoming examinations. We take advanced learners based on three considerations

1. The students who have zero or no backlogs in the previous semester end are identified as advanced learners in that particular semester.
2. The Students who gain less than 85% of marks in the unit test / class test after the first three weeks or immediately after the completion of the first topic are identified as Advanced learners.

Students who score less than 80 % of the marks in Internal-1/ mid -1 which is conducted after the first half of the semester are considered as advanced learners

File Description	Document
Upload any additional information	View Document
Past link for additional Information	View Document

2.2.2 Student- Full time teacher ratio (Data for the latest completed academic year)

Response: 16:1

File Description	Document
Any additional information	View Document

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

Response:

Institution encourages the students to learning beyond syllabus and self-learning Library, Internet and Sports hours are included in time tables to improve learning ability by using facilities available.

Facilities provided for the self-learning:

1. ECAP Explanation
2. NPTEL (National Program Technical Enhanced Learning)
3. Digital library

Methodologies followed in Institution for Experiential Learning participative learning and problem solving methodologies

Teaching Methods followed:

1. Chalk & Talk (C&T) Talk & Chalk: Usage of blackboard, chalk and lecture
2. Power point presentation/slides (s/p): PowerPoint Presentation for the relevant topic
3. Videos: NPTEL Videos
4. Seminar (SEM): Seminar should be given by the student
5. Demo: showing demos to the students relevant to subject
6. Chart: Explain the subject with help of charts
7. Expert talk/guest lecturers (ET/GL)
8. Quiz: Asking Questions on the covered topic by forming the batches.
9. Group discussion (GD): Assigning a topic to the students and allow them to debate

10. Real time case studies (RTCS): encouraging students to do real time case studies with respect to subject

11. Journal article review (JAR): reviewing different journal articles related to subject

Course file coordinators summarize the teaching methods used for various courses.

Following is the summary of teaching methods in terms of percentages

UG PROGRAM

	C&T	S/P	VIDEOS	SEM	DEMO	CHART	ET/ GL	QUIZ	GR
CIVIL	36.7	31.03	6.65	2.9	1.72	5.41		4.92	0.4
MECH	36.37	31.03	6.65	2.9	1.72	5.41		5.67	4.9
EEE	44.93	30	2.46	5.02	2.85	0.29	0.68	7.98	0
AGRI	53.9	28.2	3.9	0.7	0.1	0.4	0.4	8.6	2.3
ECE	42.6	45.6	1.24	0.19	0.095	0.095	0.76	6.10	1.1
CSE	37	26	3	3			1	8	4
S&H	47	16	2.9	2.3	3.8		1.28	5.15	9.3

PG PROGRAM

	C&T	S/P	VIDEOS	SEM	DEMO	CHART	ET/ GL	QUIZ	GR
MBA	45.8	4.2	7.09	13.24			12.61	11.04	5
Structural Engineering	79.41	15.81	1.46	0.34	1.47				
Machine Design	75.93	12.03	0.83	0.83	0.41	0.83		2.07	5
Power Electronics & Electrical Drives	44.86	26.2	1.86	6.54	3.73		0.93	7.47	
CSE	53	21	4	3				3	
Embedded Systems	35.6	49	0.01	0.5			0.8	6.78	

Laboratories: The students are taught to practically test the concepts that they theoretically learnt in the classroom. The Faculty and Qualified Technical Staff help the students to conduct experiments

The methods used for conducting laboratories are

1. Verifying the student observation

2. Performing the experiment

3. Results verification

4. Conducting viva

5. Day to day evaluation

Internships: During academic semesters students take up internships. This allows them to gain experience of the environment in which they further want to pursue their career.

Projects:

Abstract verification

Literature survey by students

Case studies

Data collection from Nunna village

Industry practice / Field work

Experiments in lab

Student presentation

File Description	Document
Upload any additional information	View Document
Link for additional information	View Document

2.3.2 Teachers use ICT enabled tools for effective teaching-learning process.

Response:

In institution teachers are using different ICT tools for effective teaching with learning management systems (LMS) named ECAP procured from Webpros, e-learning resources from digital library. The percent of teachers using ICT tools and e-learning resources is >90%.ICT tools and resources that available in college are

- ECAP
- DESKTOP AND LAPTOPS, TABLETS WITH INTERNET
- PROJECTORS IN CLASS ROOMS.
- DIGITAL CAMERAS.

- PRINTERS, PHOTOCOPIER, PEN DRIVES
- VIDEO CONFERENCING FACILITY FOR ONLINE CLASSES

ECAP aims at immediate availability of data in required formats such as course materials with access to both students and faculty at <http://webprosindia.com/VIKASCOE>.

Institution is providing number of ICT enabled classrooms and smart classrooms for providing effective teaching to the students and for learning beyond the syllabus the college is providing the facility of e-learning resources and techniques i.e NPTEL VIDEOS, DELNET(E JOURNALS), YOUTUBE etc. Teachers upload their video lectures in YouTube to review the subject after class.

College facilitating digital library for advanced learning of students in that they can get eBooks e-journals NPTEL videos etc. Library will be open for students beyond the college hours upto 7:30pm for accessing the digital content.

File Description	Document
Upload any additional information	View Document
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View Document

2.3.3 Ratio of students to mentor for academic and other related issues (Data for the latest completed academic year)

Response: 19:1

2.3.3.1 Number of mentors

Response: 90

File Description	Document
Upload year wise, number of students enrolled and full time teachers on roll.	View Document
mentor/mentee ratio	View Document
Circulars pertaining to assigning mentors to mentees	View Document

2.4 Teacher Profile and Quality

2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

Response: 100

File Description	Document
Year wise full time teachers and sanctioned posts for 5years(Data Template)	View Document
List of the faculty members authenticated by the Head of HEI	View Document

2.4.2 Average percentage of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. during the last five years (consider only highest degree for count)

Response: 5.6

2.4.2.1 Number of full time teachers with *Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt.* year wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
4	6	6	5	4

File Description	Document
List of number of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. and number of full time teachers for 5 years (Data Template)	View Document
Any additional information	View Document

2.4.3 Average teaching experience of full time teachers in the same institution (Data for the latest completed academic year in number of years)

Response: 3.5

2.4.3.1 Total experience of full-time teachers

Response: 368

File Description	Document
List of Teachers including their PAN, designation, dept and experience details(Data Template)	View Document
Any additional information	View Document

2.5 Evaluation Process and Reforms

2.5.1 Mechanism of internal assessment is transparent and robust in terms of frequency and mode

Response:

The ultimate goal of **Continuous Inclusive Assessment (CIA)** is to foster quality measures in education for a holistic learning. The effectiveness of CIA is based on transparency of assessment frequency and variety. To ensure **rigor and transparency** various tools are used for internal assessment are:

1. Mid-term descriptive tests
2. Mid-term online quiz
3. Assignments
4. Weekly tests.

Mid-term descriptive tests: In a semester, **two mid-term tests are conducted**. Half the syllabus of each course is covered in the first mid-term test and the remaining half in the second mid-term test. The descriptive test is set for three questions for duration of an hour and a half. Students are required to answer all the three questions. After evaluation, **the scripts are shown to the students for their verification and the student's signature is taken on the answer scripts. This gives the students the opportunity to be assured that the evaluation is fair.** Then the marks are uploaded to the University within the given date.

Mid-term online quiz: A **mid-term online quiz is conducted by the University**. The question bank is sent on the day of the examination through a University server. **Each student gets 20 questions, randomly chosen and each question carries half a mark.** The duration of the test is 20 minutes. **At the end of the test, students come to know of their performance from the scores displayed on the screen. The online quiz is conducted twice in a semester,** covering the first half of the syllabus in the first quiz and the second half of the syllabus in the second quiz.

Assignments: Coming to assignments, **three assignments are given in the first mid-term portion and three more assignments are given in the second mid-term portion.** The first mid-term portion consists of three units. After the completion of each unit, **an assignment in that unit is given.**

Weekly tests: Weekly tests are also taken as one of the assignments. **Assignments are evaluated and shown to the students for their verification.**

In case of **laboratories**, One experiment is conducted every week. The students are expected to come prepared for the experiment, perform the experiment and show the results to the faculty member. Based on these, internal marks are awarded. Students complete the writing of the record and submit it at the subsequent laboratory class. **Students come to know the marks they received on each day. One internal test is conducted and the marks are shown to the students.** This shows the mechanism of internal assessment works in the case of UG programs.

In the case of **M.Tech programs**, there are only two mid-term descriptive tests as part of the internal evaluation. In the case of MBA program, there are two internal tests as well as a project-based learning. **Students are expected to do a project on a specialized topic and present their findings to the other students.** Assessment is done based on the written report and the presentation of their

findings.

File Description	Document
Any additional information	View Document
Link for additional information	View Document

2.5.2 Mechanism to deal with internal/external examination related grievances is transparent, time-bound and efficient

Response:

The general examination related grievances are as follows: (i) Hall tickets not received on time (ii) Wrong registration for examination (iii) Name correction in the hall ticket (iii) Internals are not properly evaluated (iv) Externals are not properly evaluated (v) Erroneous posting of internals, etc. Among these, some of them can be resolved at the college level and some require to be resolved at the University level. Usually, the issues that can be resolved at the college level are resolved immediately. Hall tickets are sent online by the University, Print outs are taken at the college and are issued to the students. This is done one or two days before the commencement of the examination. To avoid inconvenience at a later stage, 'wrong registration for the examination', multiple checks are made, one at the departmental level and the other at the exam cell level. 'Name correction in the hall ticket' is to be done at the University level.

A grievance regarding 'internals are not properly evaluated' is rarely received. The reason being that all the internal answer sheets after evaluation are shown to the students. If a complaint reaches regarding 'externals are not properly evaluated', the only option left is either to go for re-counting, re-evaluation or to challenge the re-evaluation. To avoid erroneous posting of internals, thorough scrutiny is done at the college level and the marks are displayed on the notice board for the verification of the students. Only then, the marks are uploaded to the University. In spite of this, if any error is noticed, it has to be sorted out at the University level. The examination cell believes that prevention is better than cure. Hence, at the college level, to avoid inconvenience at a later stage, sufficient precaution and thorough scrutiny is made before the 'uploading of internal marks.'

File Description	Document
Any additional information	View Document
Link for additional information	View Document

2.6 Student Performance and Learning Outcomes

2.6.1 Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

Response:

The Institute switched over to Outcome Based Education (OBE) to impart education through student centric approach and follow outcome oriented teaching learning process. Programme Outcomes (POs), Programme Specific Outcomes (PSOs), and Course Outcomes (COs) have been formulated for all the UG and PG programs.

These are displayed in Web site to all stakeholders:

B.Tech in Civil Engineering: <http://www.vikasinstitutionsnunna.org/index.php/po-ce>

B.Tech in Compter Science and Engineering: <http://www.vikasinstitutionsnunna.org/index.php/po-cse>

B.Tech in Electronics and Communication Engineering: <http://www.vikasinstitutionsnunna.org/index.php/po-ece>

B.Tech in Electrical and Electronics Engineering: <http://www.vikasinstitutionsnunna.org/index.php/po-eee>

B.Tech in Mechanical Engineering: <http://www.vikasinstitutionsnunna.org/index.php/po-me>

B.Tech in Agricultural Engineering: <http://www.vikasinstitutionsnunna.org/index.php/po-ag>

MBA: <http://www.vikasinstitutionsnunna.org/index.php/po-mba>

These COs , POs and PSOs are circulated to all the students and staff through conference brochures, proceedings and Faculty Development programs.

File Description	Document
Upload COs for all Programmes (exemplars from Glossary)	View Document
Upload any additional information	View Document
Past link for Additional information	View Document

2.6.2 Attainment of programme outcomes and course outcomes are evaluated by the institution.

Response:

In VCET, The following strategies are projected to facilitate the achievement of outcomes:-

Allotment of subjects to the faculty: By knowing the strength of the faculty, particular subject of faculty's expertise is allotted

Readiness of the faculty: Students are supplied with necessary subject materials and tutorial questions by the respective faculty members

Scheduling: Timetable is prepared for the number of tutorial and practical hours required for each and

every subject

Delivery: Apart from traditional black board teaching, the students are facilitated to modern teaching methods such as LCD/OHP

Learning: Study hours are conducted firmly on regular basis. Submission of allotted assignment in their respective subjects by the students enabled. Students are motivated to take part in seminars, symposiums and group discussions.

Assessment

Mandatory Assessment: Two midterm examinations and one external examination are conducted for each subject Faculty members of respective subject will evaluate the midterm exams and the university people will evaluate the final exams. In case practical students are evaluated on an ongoing basis internally and finally external exam is also conducted

Additional Assessment: Tests like assignments are conducted in order to materialize the learned concepts in written form Key concepts in particular subjects is repeated twice or thrice in slow learning process

CO attainments are calculated using the following

1. Direct Assessment Tools

Assignments, Quiz, Internal Examination, Semester End Examination

The process of assessing the attainment of Course Outcomes (COs), Programme Outcomes (POs), Programme Specific Outcomes (PSOs) begins with framing Course Outcomes. CO Attainment is calculated based on the performance of students in the assessment tools such as

1. Continuous Internal Evaluation (which includes two Assignments, Two Quizzes and two Internal exams) and the Semester End Examinations (SEE). Questions given in the various assessment tools are mapped to corresponding COs. and indicated in the question paper.

2. Indirect Assessment Tools

Surveys - Course-end survey, Student Exit Survey, Alumni Survey, and Employer Survey covering the stake holders .

The questions mentioned in the surveys are mapped to the POs and PSOs (on the scale of 1 to 3). The responses and the mappings are used for the indirect computation of PO & PSO attainment.

The overall PO & PSO attainment computation is done by taking sum of 80% of direct attainment and 20% of indirect attainment for each program .

PO Attainment of 2019-20 UG programs is shown below:

PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2

Attainment															
CIVIL	2.17	2.15	2.21	2.17	2.17	2.15	2.26	2.16	2.18	2.22	2.09	2.16	2.16	2.21	
EEE	2.17	2.15	2.21	2.17	2.17	2.15	2.31	2.27	2.18	2.22	2.09	2.16	2.16	2.21	
MECH	1.94	1.96	1.94	1.99	1.96	1.86	2.00	2.19	1.94	2.21	2.18	1.93	1.95	1.98	
ECE	2.25	2.26	2.28	2.18	2.45	2.79	2.54	2.60	2.36	2.36	2.22	2.22	2.26	2.36	
CSE	2.17	2.14	2.22	2.18	2.20	2.33	2.20	2.05	2.33	2.07	2.22	2.29	2.12	2.26	
AGRI	2.12	2.17	2.11	2.22	2.12	2.21	2.18	2.17	2.26	2.14	2.18	2.15	2.15	2.17	

File Description	Document
Upload any additional information	View Document
Paste link for Additional information	View Document

2.6.3 Average pass percentage of Students during last five years

Response: 73.94

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

2019-20	2018-19	2017-18	2016-17	2015-16
298	238	176	214	251

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

2019-20	2018-19	2017-18	2016-17	2015-16
373	340	222	304	358

File Description	Document
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View Document
Upload any additional information	View Document
Paste link for the annual report	View Document

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response:

File Description	Document
Upload database of all currently enrolled students (Data Template)	View Document

NAAC

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, Chairs in the institution during the last five years (INR in Lakhs)

Response: 0

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

2019-20	2018-19	2017-18	2016-17	2015-16
0	0	0	0	0

File Description

Document

List of endowments / projects with details of grants

[View Document](#)

3.1.2 Percentage of teachers recognized as research guides (latest completed academic year)

Response: 0

3.1.2.1 Number of teachers recognized as research guides

3.1.3 Percentage of departments having Research projects funded by government and non government agencies during the last five years

Response: 0

3.1.3.1 Number of departments having Research projects funded by government and non-government agencies during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
00	0	0	0	0

3.1.3.2 Number of departments offering academic programmes

2019-20	2018-19	2017-18	2016-17	2015-16
5	5	5	5	5

File Description	Document
List of research projects and funding details	View Document

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

Response:

The Institution has created an ecosystem for innovation, creation and transfer of knowledge by establishing R&D cell, Incubation Center and Entrepreneurship Cell.

The Eco-System framework enables the student and faculty to come together and to pool the passion of innovation environment with the basic concept of the courses that they are going through. The institution creates the infrastructure to ensure that the ideas were implemented and nurture innovative thinking amongst all students. It also provides the platform to make sure that the transfer of knowledge through the innovations.

The ecosystem consists the framework of pooling the ideas through competitions, encouraging the students to prepare the models/prototypes by handholding of the faculty, boosting the students confidence by making to participate in various competitions like technical quiz, project exhibition, paper presentations, poster presentations and present their ideas and models/prototypes to outside world and also won good number of prizes, some of the innovative initiatives were also encouraged to publish papers in various journal/conferences.

The College has set up Entrepreneur Development Cell to hone the analytical skills of students and to help them think out-of-the-box. Physical infrastructure comprising well equipped Library and laboratories with modern simulation tools and equipment for carrying research activities were provided.

Some of the outcomes of the initiatives are :

1. LED Scrolling Display Using Arduino UNO Board :

This is the project which enlightened the views of the ECE Students towards the environment. With the use of the above project, our students decreased the usage of paper for the communication purposes (such as sending the circular to the departments etc.). This project, presented by the students at various fests.

1. E-Bicycle:

E-Bicycle was designed by our students(Y 18 Batch) in 2020. This project mainly consists of a Bicycle, Hub motor(36v,350 watts), Hub controller, Electrical brakes, Speedometer, Throttle(Accelerator), Batteries(Each 12v). All the parts are assembled in proper position and the capacity of the E-Bicycle is 4 hours(if once it is charged). we are having three batteries connected in series each of 12v and the speed

obtained is 30km/hr and can uplift weight of 110kgs.this project costs very less compared to any other projects and its totally pollution free and its totally friendly environment. The same E-Bicycle concept can be updated by adding solar system to it, It can be runned on solar and batteries also.

A science expo was conducted in Neighboring college and our students participated in that event.

3. Go – Cart with Bio-Gas :

Students of final year mechanical were prepared the Go-cart, which runs on Bio-Gas with petrol as a initial startup. Bio- Gas is alternative fuel to petrol , produced from the food waste. Go –cart made by the students are working fine with seating capacity of one person. The same is presented in various tech fests occurred in the near by engineering colleges.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

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

Response: 11

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

2019-20	2018-19	2017-18	2016-17	2015-16
3	2	2	2	2

File Description	Document
Report of the event	View Document
List of workshops/seminars during last 5 years	View Document
Any additional information	View Document

3.3 Research Publications and Awards

3.3.1 Number of Ph.Ds registered per eligible teacher during the last five years

Response: 0

3.3.1.1 How many Ph.Ds registered per eligible teacher within last five years**3.3.1.2 Number of teachers recognized as guides during the last five years**

File Description	Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	View Document

3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years**Response:** 0.2**3.3.2.1 Number of research papers in the Journals notified on UGC website during the last five years.**

2019-20	2018-19	2017-18	2016-17	2015-16
9	6	0	3	0

File Description	Document
List of research papers by title, author, department, name and year of publication	View Document
Any additional information	View Document

3.3.3 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:** 0.2**3.3.3.1 Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year-wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
0	18	0	0	0

File Description	Document
List books and chapters edited volumes/ books published	View Document
Any additional information	View Document

3.4 Extension Activities

3.4.1 Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the last five years.

Response:

The institution extends research culture through college neighborhood network to fulfill social responsibility. Issues related to Environment and Sustainability are taken care in the curriculum through courses such as Environmental Studies.

§ Students are motivated to do innovative projects which solve social problems and meet the essential needs with academic projects.

§ As a part of the extension activities which emphasizes community services, N.S.S. Unit provides free medical aid; supplies food for the people who are affected during natural calamities like flood, heavy storm, etc. NSS unit has undertaken the variety of Activities which directly benefit the Society and the people. We have our NSS unit with 100 enthusiastic volunteers who are always ready to take up any Service Activity.

§ Apart from this, our NSS unit is organizing Swachh Bharath and Plastic Free Campus activities in and around the college campus and also in adopted village. Under 'Swachh Bharat Abhiyan', Students initiate drives to create awareness about overflowing garbage bins, cleanliness of roads by having rallies with posters and placards. To make the students and the community focus on sanitation, various Swachh Bharat programs are organized in the campus and neighborhood community.

§ From time to time, the Institution also organizes various health and family welfare awareness programme in adopted village and distributed medicines in order to prevent people from suffering from various diseases.

§ Students donate books/clothes/gifts for the underprivileged children.

§ Awareness seminars and workshops on social issues like women empowerment, gender sensitivities are organized. Blood donation camps in collaboration with IMA, Lions Club, and Indian Red Cross Society are a regular feature.

§ Many of these events were covered by the leading newspapers and news channels. The huge response and success of these events exhibits the effort and sincerity of intensions of the members.

§ Students participate in many of the socially sensitizing programmes related to Tree Plantation, Yoga, save water awareness rally, Seminar on Gender Issues.

1. Health camp at NUNNA Village:

The main objective of this service is the prevention of illness as well as the promotion of health and well being of the students through:

- Early detection and care of students with health problems.
- Development of healthy attitudes and healthy behavior by students.
- Ensure a healthy environment for children at school.
- Prevention of communicable diseases at school.

2. Moto of Village adoption involves:

§ To enable rural communities dream & plan, the institute mobilizes forces and resources for sustainable development of each member who can realize his/her full potential and create such ecosystem for positive behavioural transformation.

§ To seek positive transformation and to engender progressive changes in the communities through alternative development models that is participatory, sustainable and inclusive.

3. Developmental Plan for NUNNA Village:

- Ø Development of HDI indicators.
- Ø Development of existing infrastructure.
- Ø Development of Economic situation.
- Ø Development of Social Infrastructure.
- Ø Women Empowerment.
- Ø Behavioral Dimension.

Women's Day, Teachers' Day, Engineers' Day are celebrated to promote the Universal and human values, national integration and communal harmony among the students.

File Description	Document
Upload any additional information	View Document

3.4.2 Number of awards and recognitions received for extension activities from government/ government recognised bodies during the last five years

Response: 17

3.4.2.1 Total number of awards and recognition received for extension activities from Government/ Government recognised bodies year-wise during the last five years.

2019-20	2018-19	2017-18	2016-17	2015-16
3	5	3	3	3

File Description	Document
Number of awards for extension activities in last 5 year	View Document
e-copy of the award letters	View Document

3.4.3 Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., during the last five years (including Government initiated programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organised in collaboration with industry, community and NGOs)

Response: 23

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

2019-20	2018-19	2017-18	2016-17	2015-16
8	4	5	5	1

File Description	Document
Reports of the event organized	View Document
Number of extension and outreach Programmes conducted with industry, community etc for the last five years	View Document

3.4.4 Average percentage of students participating in extension activities at 3.4.3. above during last five years

Response: 54.15

3.4.4.1 Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
1335	847	1073	666	120

File Description	Document
Report of the event	View Document
Average percentage of students participating in extension activities with Govt or NGO etc	View Document

3.5 Collaboration

3.5.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year

Response: 25

3.5.1.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year-wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
7	8	5	5	0

File Description	Document
Details of Collaborative activities with institutions/industries for research, Faculty exchange, Student exchange/ internship	View Document
Any additional information	View Document

3.5.2 Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the last five years

Response: 22

3.5.2.1 Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year-wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
0	0	6	6	10

File Description	Document
e-Copies of the MoUs with institution/ industry/corporate houses	View Document
Details of functional MoUs with institutions of national, international importance, other universities etc during the last five years	View Document

NAAC

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

Response:

The campus, Vikas College Of Engineering & Technology is spread over an area of 10.3 acres comprising five buildings (commonly called as Block-A, B, C,D and E) of high-standard classrooms with proper ventilation, numerous laboratories, Research & development lab, Central library- Spacious reading rooms, smart classrooms, computer center ,ultra modern seminar hall, drawing halls, , Well furnished computer lab and library. Restrooms are provided at regular intervals in each corridor.

The campus has 5 blocks which consists of all streams of engineering programs. It is planned and built in an area of 15008 sq.mts. The topography of College is planned in a convenient way both in terms of operationalization and ease of access. There are 32 classrooms and 38 laboratories which is adequate as per the norms of AICTE and affiliating university. Eco system of the college is congenial for teaching-learning, conduct of co-curricular, extracurricular activities besides being eco-friendly as a part of vision of the institution.

BLOCK-A : Is occupied by library, , mechanical department and ECE department classrooms and ECE laboratories

BLOCK-B:Is occupied by Principal, Administrative, T&P,EEE laboratories, Agriculture department and classrooms & Civil department and classrooms .

BLOCK_C:consists of board room, Department and classrooms of CSE, Department and classrooms of EEE, classrooms of MBA.

BLOCK_D:Is entirely occupied by Ist year and PG , AMPI theater.

BLOCK_E:Is entirely occupied by laboratories of Agriculture, Civil & Mechanical and with modern cafeteria .

The institution also organizes several seminars, talks, workshops, faculty development programmes related to emerging technologies to keep everyone in institution updated in their respective fields using the central facilities such as seminar halls. We thoroughly believe in learning through a visual medium and this led to the construction of two video presentation halls.

The institution strictly follows norms and conditions laid by AICTE and JNTUK for creation and upgrading the infrastructural facilities for effective teaching and learning atmosphere. College makes all the efforts for students of different streams to strengthen their knowledge and skills. The institution embarks on development of providing advanced infrastructure like ICT enabled classrooms

The institute frequently monitors through different committees about the usability of infrastructure and spends for up-gradation of equipment. It keeps on expanding and updates to the latest technologies for effective knowledge imparting activity with changing syllabus of university.

Above all the institution has inspiring proficient experienced and dynamic team of faculty to impart knowledge and skills through effective and efficient teaching-learning practices.

There are conference halls with projectors in each block. An exclusively furnished room for video-conferencing, group-discussion rooms and seminar halls to provide state of art education guidance to the students is also provided.

File Description	Document
Paste link for additional information	View Document

4.1.2 The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

Response:

VIKAS college of Engineering and Technology has good facilities for conducting sports, games and cultural activities. Sports facilities have been established for various games inclusive of Volleyball and shuttle Badminton, Kabaddi, Kho-Kho, Cricket court and Throw ball to ensure the focus of the institute in providing extra-curricular activities to the students. We also have facilities for Chess, Caroms, and Table Tennis.

The college strongly believes that a healthy body carries a healthy mind. Sports & Games play an integral part in the all-round development of the student. Keeping this in mind the institution has a definite policy and plan of action to encourage sports & games. The college has incorporated as lot for games in the timetable.

The institute encourages students to participate in sports & games outside the campus. Transport is provided to students to participate events outside the campus. The constant support from the management towards sports and games considerably enhances the health of the students and relieving the tension. In our effort we won number of tournaments.

We're having sufficient area for sports and playing area for our students and we constructed comfortable courts for both boys and girls. The environment is eco-friendly which helps healthy playing conditions our aim is to provide all facilities for the students who are interested in sports and games.

YOGA Center

In this modern age of stress and hard work, every individual needs peace of mind and to overcome the stress, yoga is the best remedy. Yoga practice makes one's body and mind healthy. It not only keeps one fit but also enhances human ability to think and increase power of concentration. We conducted yoga for our students with a specified time-table. We also conducted yoga from the eminent yoga teachers once in a month. We also found huge number of students shown their interest to participate in yoga. Yoga became part of our curriculum after finding the importance of yoga.

CULTURAL Facilities

A Well equipped and established cultural club is functioning in the college premises.

We have organized various cultural events in our college premises at University level there by extracted the hidden cultural talent of the students. Under cultural activities we celebrated for number of functions and conducted various competitions.

Sports and Games Facilities

S. No	Name of the facility	Room No/Quantity	Area in sqm
1.	Arts & Cultural Cell	D-137	50
1.	Am-Phi theatre	D-Block	500
1.	Arts, Cultural& Yoga Auditorium	A-Block G-03	60
1.	Sports Indoor Auditorium	D-123	85
1.	Gym	D-123	85
1.	Volleyball	2	324sqm
1.	Cricket court	1	12000 sqm
1.	Badminton	1	288sqm
1.	Throw ball	1	223.26sqm
1.	Kabaddi(boys)	1	130sqm

1.	Kabaddi(girls)	1	96m
1.	Tennicoit	1	67.1sqm
1.	Table Tennis	1	4.178sqm
1.	Carroms	5Boards	
1.	Chess	5Boards	
1.	Shotput (boys)	1	80sqm
1.	Shotput (girls)	1	80sqm
1.	Discous throw(boys)	1	400sqm
1.	Discous throw(girls)	1	300sqm
1.	Javelin throw(boys)	1	600sqm
21.	Javelin throw(girls)	1	400sqm
22.	Long jump	1	24.75sqm
23.	Triple jump	1	24.75sqm

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

4.1.3 Percentage of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc. (Data for the latest completed academic year)

Response: 79.41

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 27

File Description	Document
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View Document
Paste link for additional information	View Document

4.1.4 Average percentage of expenditure, excluding salary for infrastructure augmentation during last five years(INR in Lakhs)

Response: 24.3

4.1.4.1 Expenditure for infrastructure augmentation, excluding salary year-wise during last five years (INR in lakhs)

2019-20	2018-19	2017-18	2016-17	2015-16
89.61	81.00	79.02	58.50	46.79

File Description	Document
Upload Details of budget allocation, excluding salary during the last five years (Data Template)	View Document
Upload audited utilization statements	View Document
Upload any additional information	View Document

4.2 Library as a Learning Resource

4.2.1 Library is automated using Integrated Library Management System (ILMS)

Response:

The Central Library at Vikas College of Engineering & Technology is fully Automated with an **Integrated Library Management System**, named as Engineering College Automation Package(ECAP) with 5.2 version.ECAP allows the administrator to insert, update, delete and view the details such as book, member, author, subject, department, supplier/publisher, book bank, reports in the cataloguing module.

MODULE DESCRIPTION

The modules used in this software are as follows:

- 1.Cataloguing
- 2.Counter Service
- 3.Admin
- 4.Acquisition and Serial Control
- 5.Search
- 6.Reports

1.Cataloguing

The cataloguing module contains details regarding author, department, subject, course, supplier /publisher, member, member updation, book, book updation, book bank and non books. All the data entered can be edited and can be updated, which gets stored in the corresponding table.

2. COUNTER SERVICE

This module deals with issue and return of books, journals etc.

3. ADMIN

In this module, the user information of both the students and staff are stored. This information helps to know the details of the books. The information can be retrieved using the User Id which is unique for the users. Here the book information can be added, viewed and deleted. The information stored in the database can be retrieved whenever it is needed. Certain mandatory information is filled in order to store the information. The user information is displayed in form of grid which gives an easy view for the librarian. The user information is stored such that the entries should be proper (i.e) proper mail id is to be given and number should be entered in place of contact number. The user information is the basis for carrying out the basic library transactions like issue, renewal and return of books. So the information is supposed to be genuine. For each operation performed a message box is displayed which provides an clear idea regarding the operations that are performed upon.

4. ACQUISITION AND SERIAL CONTROL

In this module, the supplier information is also maintained which in turn helps to know the number of orders which is placed with the supplier and the type of order which is placed with the supplier including the books and journals. The librarian sends an order to the supplier indicating the type of order, no of copies required specifying the date in which the order is placed. Based on the orders placed the supplier provides an invoice indicating the order date and the cost for the orders placed. It also includes the total number of items, the discount percentage that is allowed by the supplier for the orders placed. Also the remarks are provided for any kind of query to be proposed.

5. SEARCH

This module is used to search various kinds of book types. There are three kinds of search is available.

6. REPORTS

In this module, various reports can be prepared and taken printout by the admin as per the requirement.

File Description	Document
Upload any additional information	View Document
Paste link for Additional Information	View Document

4.2.2 The institution has subscription for the following e-resources

- 1.e-journals
- 2.e-ShodhSindhu
- 3.Shodhganga Membership
- 4.e-books
- 5.Databases
- 6.Remote access to e-resources

Response: A. Any 4 or more of the above

File Description	Document
Upload any additional information	View Document
Details of subscriptions like e-journals, e-ShodhSindhu, Shodhganga Membership , Remote access to library resources, Web interface etc (Data Template)	View Document

4.2.3 Average annual expenditure for purchase of books/e-books and subscription to journals/e-journals during the last five years (INR in Lakhs)

Response: 15.78

4.2.3.1 Annual expenditure of purchase of books/e-books and subscription to journals/e- journals year wise during last five years (INR in Lakhs)

2019-20	2018-19	2017-18	2016-17	2015-16
14.73761	11.31828	9.68188	24.15126	19.03281

File Description	Document
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the last five years (Data Template)	View Document
Audited statements of accounts	View Document

4.2.4 Percentage per day usage of library by teachers and students (foot falls and login data for online access) during the last completed academic year

Response: 20.39

4.2.4.1 Number of teachers and students using library per day over last one year

Response: 367

File Description	Document
Any additional information	View Document

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Response:

Institution has adequate and latest IT infrastructure. The IT infrastructure and resources are updated and upgraded continuously as per the requirements and changing technology. The entire Institute is Wi-Fi enabled with necessary firewalls and computer labs are connected through LAN with internet facilities.

A dedicated internet connectivity of bandwidth 100Mbps(1:1)is provided by BSLN Pvt. Ltd. the campus is Wi-Fi enabled to promote digital flow. Faculty and Students can avail the Wi-Fi facilities 24X7, 365days.

Internet facility is provided to the classrooms, laboratories, the offices & hostels through Wi-Fi. Wherever high speed connectivity is required wired connection through optical cable LAN services is provided to the departments. A dedicated computer center with 460 desktop systems provided for browsing & accessing e-resources besides computer labs in each department.

The Institute has an Internet registered domain name <http://vikasinstitutionsnunna.org>, using which it provides its own e-mail facility, to staff and students. The institution provides free Wi-Fi facility to the students. They can access internet freely through their mobile phone, tablet or laptop in the College

campus.Staffs are also provided with individual system (Laptop or Desktop) with internet facility.

With the increasing demand for internet access in educational campuses due to evolving standard of education and flexibility offered by the Internet - universities, colleges, educational institutes etc., are keenly stepping forward to setup secured and stable wired or Wi-Fi network campus for their students. As per the current market trend, most of the students like to carry 3-4 devices with them like mobile, tablets, laptops etc. with them to campus. As these devices devour bandwidth, colleges and universities are struggling hard to keep up with the bandwidth demand. Educational campuses have major requirements of user access control, control over bandwidth consumption, and differentiated policy control for management faculty's access and student's access.

These campuses with wired and wireless internet access require seamlessly roaming facility to access internet from class room to library to labs and residential areas. Laying complete network with different vendor solution would be very costly effort and difficult to manage while technical issues. Education institutes require cost-efficient comprehensive solution that offers all the advance facilities and features in single platform with single point of contact for technical support.The connectivity through a fully networked campus with state-of-the-art IT infrastructure, computing & communication resources, offers students the facilities of e-mail, net surfing, up/down loading of web based application, besides helping them in preparing projects & seminars.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

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

Response: 4:1

File Description	Document
Upload any additional information	View Document
Student – computer ratio	View Document

4.3.3 Bandwidth of internet connection in the Institution

Response: A. 750 MBPS

File Description	Document
Upload any additional Information	View Document
Details of available bandwidth of internet connection in the Institution	View Document

4.4 Maintenance of Campus Infrastructure

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

Response: 62.77

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)

2019-20	2018-19	2017-18	2016-17	2015-16
151.76	201.18	187.54	174.39	206.02

File Description	Document
Upload any additional information	View Document
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View Document
Audited statements of accounts	View Document

4.4.2 There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

Response:

The institute has well defined system of maintenance of its academic, physical and support facilities like laboratory, library, sports, computers, class rooms etc. The maintenance committee headed by The Principal and convened Administrative officer who intern monitor the work of supervisor in next level. Maintenance supervisor and his team are involved in the maintenance of overall infrastructure facilities. This team looks after regular maintenance and repair of furniture, masonry, plaster, painting, plumbing, housekeeping, gardening, transport, RO plant, telecom and IT services.

- Regular cleaning of class rooms, floor, laboratories, library and rest rooms are done by housekeeping staff.
- Adequate staff are employed to meticulously maintain cleanliness of infrastructure to

provide a congenial learning environment.

- Dust bins are placed in every class room.
- The campus maintenance is monitored through surveillance Cameras
- The green cover of the campus is well maintained.
- The college has good team of electricians & plumbers who maintain RO system, electrical and water facilities in college and hostel.
- The college is power backup with generator.

Maintenance of Laboratory equipment

- Preventive maintenance and breakdown maintenance procedures are followed for all laboratories.
- The laboratory/workshop equipment and machinery are maintained by well-trained technical staff.
- Periodical checkup equipment is carried out as per laboratory schedule.
- The minor repair/service will be done by the technical staff with lab in-charges.
- The major service requests will be forwarded to Principal through Head of the department. The maintenance department, find for suitable service personal for rectification.
- Annually stock verification of all laboratories and other facilities are carried out.
- The computer laboratories are supported with power backup system UPS.
- A bi weekly status of hardware and software are maintained in register.

Library maintenance

- Entry and exit register is maintained to ensure effective utilization of library.
- The requirement of the books are collected by librarian from department as per the demand from students and faculty.
- The books are cleaned at periodical intervals to avoid infections and dust.

Electrical maintenance

- The generator, lighting, electrical, air conditioners, solar panel, and RO system maintenance is carried out by in-house electricians.

Transport maintenance:

- The college has a fleet of buses which is provided to students and staff.
- Buses are regularly cleaned.
- Vehicles are periodically greased for smooth running.

- College has garage with experienced service men in premises for all minor servicing.

File Description	Document
Paste link for additional information	View Document

NAAC

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during last five years

Response: 81.84

5.1.1.1 Number of students benefited by scholarships and freeships provided by the Government year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
1279	1316	1160	1074	1154

File Description

Document

upload self attested letter with the list of students sanctioned scholarship

[View Document](#)

Upload any additional information Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years (Data Template)

[View Document](#)

5.1.2 Average percentage of students benefitted by scholarships, freeships etc. provided by the institution / non- government agencies during the last five years

Response: 2.16

5.1.2.1 Total number of students benefited by scholarships, freeships, etc provided by the institution / non- government agencies year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
33	36	35	32	21

File Description

Document

Upload any additional information

[View Document](#)

Number of students benefited by scholarships and freeships institution / non- government agencies in last 5 years (Date Template)

[View Document](#)

5.1.3 Capacity building and skills enhancement initiatives taken by the institution include the following

- 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
Details of capability building and skills enhancement initiatives (Data Template)	View Document
Any additional information	View Document

5.1.4 Average percentage of students benefitted by guidance for competitive examinations and career counselling offered by the Institution during the last five years

Response: 15.88

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

2019-20	2018-19	2017-18	2016-17	2015-16
271	232	194	199	268

File Description	Document
Number of students benefitted by guidance for competitive examinations and career counselling during the last five years	View Document

5.1.5 The Institution has a transparent mechanism for timely 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
Upload any additional information	View Document
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View Document
Details of student grievances including sexual harassment and ragging cases	View Document

5.2 Student Progression

5.2.1 Average percentage of placement of outgoing students during the last five years

Response: 48.57

5.2.1.1 Number of outgoing students placed year - wise during the last five years.

2019-20	2018-19	2017-18	2016-17	2015-16
187	153	147	123	147

File Description	Document
Self attested list of students placed	View Document
Details of student placement during the last five years (Data Template)	View Document

5.2.2 Average percentage of students progressing to higher education during the last five years

Response: 14.75

5.2.2.1 Number of outgoing student progression to higher education during last five years

Response: 55

File Description	Document
Upload supporting data for student/alumni	View Document
Details of student progression to higher education (Data Template)	View Document

5.2.3 Average percentage of students qualifying in state/national/ international level examinations

during the last five years (eg: IIT-JAM/CLAT/ NET/SLET/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations, etc.)

Response: 100

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

2019-20	2018-19	2017-18	2016-17	2015-16
67	15	15	4	1

5.2.3.2 Number of students appearing in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT,GRE/ TOFEL/ Civil Services/ State government examinations) year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
67	15	15	4	1

File Description	Document
Upload supporting data for the same	View Document
Number of students qualifying in state/ national/ international level examinations during the last five years (Data Template)	View Document

5.3 Student Participation and Activities

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

Response: 5

5.3.1.1 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) year-wise during the last five years.

2019-20	2018-19	2017-18	2016-17	2015-16
0	0	1	3	1

File Description	Document
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national/international level during the last five year	View Document
e-copies of award letters and certificates	View Document

5.3.2 Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities following duly established processes and norms (student council, students representation on various bodies)

Response:

Students constitute a major stakeholder in the institutional growth. Utilization of the support and ideas of the students is the paramount requirement for the prosperity and well-being of the institute. VCET always strives to build a relation of mutual respect and inculcate a sense of pride amongst the students for their own institute.

The students actively participate in various committees of the Institution namely, IQAC, Class Review Committee, Administrative Council Committee, Cultural Committee. They get involved in planning, organizing and execution of events. Faculty members are restricted to play the role of facilitators. By encouraging students to get actively involved in these activities, they are given an opportunity to fine tune their communication skills, essential skills, team work, problem solving skills and leadership qualities etc. Vibrant student council exist in the college.

The IQAC of the college takes initiatives in creating learner centric environment, organize inter and intra institutional workshops and seminars in internalizing the quality and culture of the Institution. The cell documents the events and communicates the same to the internal departments. The student coordinators of IQAC gain firsthand experience about the quality improvement activities of the college which provide promising learning environment. They take part in the execution of intra- institutional workshops and seminars.

Class Review Committee: The heads of various departments in the college select the students who have leadership qualities as class representatives. These class representatives play the role of facilitators between the students and teachers. Class review meetings consisting of the Principal and class representatives of each class are held twice in a semester. The class representative's voice out their problems related to syllabus completion and teaching & learning process.

Administrative Council Committee: Administrative Council looks after the feedback on Hostels and Amenities, Anti-Ragging initiatives, Alumni Association, Grievance Redressal, NSS etc.

Student feedback on amenities: Dean addresses the problems pertaining to classroom, infrastructure, library, food, water, hygiene, etc. to redress the students' grievances. He refers to the administrative

authorities for the improvement of the quality of students' life in the Institute.

Anti-Ragging committee: Nomination of student and parents as Member of Anti-Ragging committee promotes an ambience conducive for the Institute to be a ragging-free campus.

Internal Complaints Committee: Girl Students' representation facilitates to investigation into the information against the complaints launched, if any

NSS: Institute has set up NSS to sensitize students towards societal issues and community services, activities of which is mainly carried out by the students

Alumni Association: Alumni Association is in place to strengthen the relationship amongst alumni.

Cultural Committee:

VCETCC organizes Cultural Fest every year to inculcate sense of cultural integrity into the students. The committee selects student coordinators to plan and execute the cultural fest in the college. The student coordinators of the committee go beyond their comfort zones to execute the fest systematically.

File Description	Document
Upload any additional information	View Document

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

Response: 37.2

5.3.3.1 Number of sports and cultural events/competitions in which students of the Institution participated year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
5	123	28	13	17

File Description	Document
Report of the event	View Document
Number of sports and cultural events/competitions in which students of the Institution participated during last five years (organised by the institution/other institutions (Data Template)	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:

The institution has a registered Vikas College of Engineering & Technology Alumni Association (VCETAA). The alumni of the Institute are born and in the process of being young themselves.

They are still growing and have not yet reached the pinnacle of their career. However, some of them are contributing to the Institution in the form of financial for providing books to their juniors.

Some of them, when they visit the Institute, share their experiences and how college give support to reach their present stage. They also motivate the students to work hard and encourage them to learn from recent technologies and use them systematically in their specializations.

They also give suggestions for modification and updating of Technical skills to meet the industry requirements, the means and methods to be adopted for improving communication skills and for enhancing leadership qualities.

On the other hand, some of our alumni, those who are placed in various companies and top positions, do come to visit VCETAA.

Some of them have expressed their love for the Institution and their willingness to render their help and support to the best of their ability.

The main intention of the alumni is to reunite with their friends and faculty members and to cherish their memorable experiences.

The young alumni are ever ready to extent their full support to reach out in love and service for the betterment of the Institution.

They take initiatives to visit their respective departments and show their genuine desire to share their creative ideas, inspirations, and insights according to the signs of the times for the upcoming generation.

Our objectives are:

- To establish and maintain an alumni association structure - board, chapters, batch representatives that will enable in the smooth governance of the association.
- To inspire alumni to enhance the leadership of the Institute and stay connected
- To provide a focal point of contact among alumni to interact and network with each other
- To support the institute with resources that it will need for its various activities
- To strengthen ties between the Institute and alumni and encourage them to participate in the various cultural and social activities

Goals

VCETAA aims to link the alumni to the institution, develop synergistic plans to support the institution and achieve its vision, and to enable the institute to add value to all its stakeholders.

Non financial Contributions

1. Online Webinar Session by Alumni Student Ms. N. Tejaswini, Software Engineer (Data), on 01-Dec-2020 from 07:30PM – 08:30PM. Topics discussed on Important Programming Languages learn by the students and Software Development roles.
2. Online Webinar Session by Alumni Student Ms. N. Keerthi, Software Developer, Expedia Group, on 02-Dec-2020 from 07:30PM-08:30 PM. Webinar helps to students to shape their career on Data science, Opportunities on Data Science and what is the role of Data Analyst.
3. Online Webinar Session by alumni Student Ms. N. Tejaswini, Software Engineer (Data), on 03-Dec-2020 from 07:30PM-08:30PM, regarding Career guidance exams like GRE, TOFEL/IELTS and GATE. Applying on Internships, Preparation on CV and opportunities on Embedded Systems.

File Description	Document
Upload any additional information	View Document

5.4.2 Alumni contribution during the last five years (INR in lakhs)

Response: E. <1 Lakhs

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The governance of the institution is reflective of and in tune with the vision and mission of the institution

Response:

Vision

- To be a premier educational institution for knowledge and skill development.

Mission

- Inculcate self-learning abilities and impart value based education
- Promote knowledge sharing and innovation with mutual partnerships
- Involve in activities, trainings for the overall development of the stakeholders
- Provide an ambience conducive for building engineers, entrepreneurs and administrators
- Inspire and make the rural youth ready for the competitive world with values and ethics

Quality Policy

Our quality policy is to impart value based education and strives for continuous improvement by adopting modern training methodologies with quality infrastructure, human resources that meet the needs of society.

Nature of Governance

Governance, Leadership and Management criteria helps gather data on the policies and practices of an Institution in the matter of planning human resources, recruitment, training, performance appraisal, financial management and the overall role of leadership in Institution building with a vision and mission to impart qualitative technical education, institute has put strenuous efforts in the right direction for academic excellence under efficient leadership. The governing body provides guidelines through the academic council to sustain high standards in imparting education by setting objectives appropriate to policy, hiring quality professionals, rewarding the achievers, provide infrastructure, facilities and encouraging the best utilization of the resources. The Principal of the Institution in consultation with Heads of the Departments and functional in-charges formulates the policies & plans and submits the same for the approval of the management on regular basis. Administrative & Academic responsibility is distributed at various levels of decentralized organizational set up.

Perspective Plan

The Institution is the centre of attention its Perspective Plans for the upcoming academic years based on Quality in Higher Education. Accordingly, decision-making process and quality arrangement are articulated keeping in view of Vision and Mission. The Principal and faculty design calendar of actions and the top management monitors its implementation providing the necessary support. The principal monitors the implementation of the following functionalities; Improve the performance of students in University

Examinations.

Focus on developmental aspects such as student intake, curriculum improvement, infrastructure enhancement and accreditation programme.

Improving Research and Development, Industry Interaction, Collaboration with other Institutions, Alumni Interaction, Entrepreneurship, and Social Responsibility Initiatives.

Participation of students and staff in National or International seminars and conferences.

Participation of Teachers

Teachers play a vital role in the decision-making, planning, implementation; perform the academic and administrative functions in various committees of the Institution. For smooth administration of the college a number of committees are formed. The committees meet at regular intervals to take decisions accordingly. Heads of the departments are given free hand to administrate their academic activities in coordination with the principal. Institute adopted e-governance system for transparency. To ensure the quality education the college has constituted an Internal Quality Assurance Cell (IQAC) with senior faculty members. To undertake projects related to Research & Development activities, they are also encouraged to attend/organize workshops, conferences, skill development programs, seminars, webinars, projects, consultancies and to publish research papers.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

6.1.2 The effective leadership is visible in various institutional practices such as decentralization and participative management

Response:

The institute supports a trend of decentralized governance system with participative management proper well defined inter-relationships.

The management of the institute has main two basic committees, governing body and college academic committee. Regular meetings of these committees held for the effective and smooth functioning of the institute. There are two levels of administration in the decentralization structure under which all the activities of institute are carried out.

Institute level: All the main decisions related to the institute are taken by the principal in consultation with the heads of department. Principal is the academic and administrative head of the institute and the member secretary of the governing body. Financial power is given to principal for the development of the institution.

Department level:the department heads are responsible for day-to-day administration of the department

and report to the principal. In addition, faculty and staff members are part of the decision making. Students are also part of the decision making and also participate through different formal and informal feedback mechanisms to improve the system and procedures. Suggestions boxes are kept in every prominent place to collect the suggestions from students, faculty, staff other stakeholders.

Various committees: There are 32 committees at the institute level where both faculty and students are in decision, there are some committees where the students take lead and move ahead. In some of the committee there are other stakeholders. These committees will help the students and faculty to excel in their leadership skill and test their performance through the outcomes of the activities.

Case study: -

An Entrepreneurship Development Cell or EDC is a club run by faculty members and students to practise and promote entrepreneurship in campus communities. With EDC the students will be committed to think and act entrepreneurial, and will explore entrepreneurship as a career option

EDC aims to promote the entrepreneurship culture in and around the campus by providing multiple platforms to budding entrepreneurs where they can improve upon their business models, get mentorship by successful entrepreneurs, interact with investors and groom their entrepreneurship skills.

These kind of programs will definitely help the students to have better exposure by facing any challenge in the society.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

6.2 Strategy Development and Deployment

6.2.1 The institutional Strategic / Perspective plan is effectively deployed

Response:

Our College is committed to impart Quality education to the youth enabling them to develop the right attitude, professional competence and inculcating the right ethical values. There is a formally stated Quality Policy.

- Providing excellent infrastructure and conducive learning environment
- Building a harmonious work culture and motivating everybody to contribute the best.
- Proactively responding to changing needs of industry, parents and the society by embracing latest technological trends in the field of education.
- Complying with requirements of ISO 9001:2008 Standards and striving continually to improve the quality of operations of the Institution.

Strategic plan

By taking into consideration above mentioned aspects, the following is the strategic plan for the quality enhancement of the Institution:

- Aim to get autonomous status for the institution by 2021-22.
- Strengthening the student development and campus facilities, Enhance the output in research and consultancy.
- Enhance the industry institute collaborations. Standardizing the ICT based teaching-learning processes. Improve internal support system.
- Strengthening alumni.
- All the above strategic plans are monitored by the IQAC that meets often and decide on academic quality control issues.

Apart from the above, the Institution's strategic plans critically examine the grooming of the students for rewarding with excellent future by meeting various challenges. The major thrust of the strategic plan is to achieve standardized improvement in the quality of technical education, as the Institution imparts in line with the Vision and Mission of the institution. It also aims to meet the expectations from all the stakeholders' viz. Students, teachers, parents and employers to achieve improved levels of satisfaction.

Perspective Plan for development:

The Institution certainly has plans for its all round development and accordingly several perspective plans are designed viz. Improvement, up-gradation and refinement of the existing set up which is an unending process and the Institution will never lag behind this progression.

The Institution has spacious campus which offers great potential for the development of further infrastructure. The institution is planning to build a hostel building on the campus shortly for boys. Many such ambitious projects can be taken up for implementation in the days to come.

- To establish better academic practices and procedures.
- To be a choice for good quality students and competent faculty.
- To produce technically competent and ethically strong graduates.
- To encourage Research & consultancy.
- To develop a smart campus.
- To offering value added certificate programs.
- To organizing National/International Conferences.

Activity successfully implemented Training & Placement Cell provides the opportunities from various reputed firms and industries. To enhance the student's knowledge training on problem solving, Soft skills, Personality development classes are conducted by external resources persons. Soft skills and relevant information ensures that the students will develop confidence and are ready to face the selection process. These are very much useful for students to write competitive, placement exams and higher studies. Manage all student progress and prepare required strategies to complete all programs and ensure compliance to affiliated university regulations.

File Description	Document
Paste link for additional information	View Document

6.2.2 The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

Response:

The college has a clearly defined organizational hierarchy structure to support executive processes that are clear and reliable with its purposes and supports effective resolution making. The organizational structure lends itself to behind institutional capacity and educational effectiveness through the various Committees.

The Principal, and HODs, with the help of faculty members, evaluates the progress achieved and problems faced by various committees. The functioning of the institutional bodies not only effective but also efficient producing tangible results. The policies, administrative system of the institute are meticulous. Not only the above, appointments and service rules along with procedures are followed thoroughly. The management has always welcomed the views and suggestions expressed by the faculties in taking institution in advance. The presence of the faculty can be found in all the committees.

The Institutional Management is designed in a logical way with transparency to get the optimum results out of it. Hierarchy structure is established from top management to down the level clearly demarking the duties, responsibilities, accountability and authorities at every stage. The Governing Body of top management, Principal, HODs, teaching, non-teaching, and students work as a team to reinforce the culture of excellence. We build a far better Nation through Quality Education being the motto of the institute.

The over-all structure of the Institutional Management is categorized as academics and administration. Keeping in view of all the stakeholders more on students an effective administrative system is structured. The Institution has constituted various committees at institute and department level for the effective functioning of the organization. The objectives and functions of the committees are organized as per the guidelines of the head of the institution.

Principal is the chairperson of administrative and academic activities of the institution. Heads of the departments take the responsibility of heading all the administrative and academic activities of the department. The HODs possess both the academic and the financial autonomy in accordance with all academic aspects. They are entitled to take decisions as per the needs of the situations in exigencies and get them ratified by the Head of the Institution subsequently at a later stage. The Principal, HODs and Coordinators are proposing to Governing Body, for examining the execution of multiple events schedule, the amount has been approved. Based on the expertise of the faculty members, coordinators have been identified to lead different committees which are functioning effectively.

The IQAC submits not only the Strategic Perspective Plan, but also submits various proposals for academics, administration and policy formulations. All proposals after ratification by the Governing Body are deployed and periodically reviewed by the IQAC. Various Committees in the College independently deploy their plans and report to the IQAC with regard to Quality Assurance.

Administrative setup: The principal as the head of the institution gets the advice from Governing body

and acts with the help of HODs and committees. The administrative committees are formulated and decisions are taken that can be executed.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document
Link to Organogram of the Institution webpage	View Document

6.2.3 Implementation of e-governance in areas of operation

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	View Document
ERP (Enterprise Resource Planning) Document	View Document
Details of implementation of e-governance in areas of operation, Administration etc	View Document
Any additional information	View Document

6.3 Faculty Empowerment Strategies

6.3.1 The institution has effective welfare measures for teaching and non-teaching staff

Response:

The institution has many welfare measures helping financially to all teaching and non-teaching staff. Some of welfare measures in common are listed below:

- Canteen facility and medical facility is also being provided for all staff. ATM facilities are available in the campus.
- Free transportation facilities for all teaching and non-teaching staff.
- Group insurance is available for the students and staff members.
- Health Centre: To provide necessary medical aid to the students and staff in the campus a first aid centre is available and in case of emergency an ambulance is readily available within the institute.
- Fee concession for the faculty and staff children.

- On-Duty for faculty staff those who attend FDP's, Workshops, Conferences and etc.
- All women staff are given maternity leave and given three months of paid leaves.
- If the faculty, staff members meet with an accident the salary payment of the period will be provided.
- Group Medical Insurance is provided for teaching and non-teaching staff. In case of any emergency, personal loan is also provided to the staff

Teaching Staff:

- TA and DA allowances provided for FDP, workshops, seminar and training programmes to the teaching faculty.
- Paid leave for attending the course work exam those are pursuing their PhDs.
- Casual Leaves are provided.
- The fee is paid towards his/her PhD on the condition that he/she has to work for this institution for the minimum period four years once he/she completes his/her research.

Non-Teaching Staff:

- Festival advance.
- Festival bonus.
- Financial support is provided to pursue skill development. Uniform is also being provided for instructors, drivers and attenders.
- Casual Leaves are provided.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

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

Response: 22.13

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

2019-20	2018-19	2017-18	2016-17	2015-16
22	11	27	25	13

File Description	Document
Upload any additional information	View Document
Details of teachers provided with financial support to attend conference, workshops etc during the last five years	View Document

6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years

Response: 3.8

6.3.3.1 Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff year-wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
9	3	2	3	2

File Description	Document
Upload any additional information	View Document
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff	View Document

6.3.4 Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course).

Response: 39.32

6.3.4.1 Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course year-wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
166	4	6	14	7

File Description	Document
Upload any additional information	View Document
Details of teachers attending professional development programmes during the last five years	View Document

6.3.5 Institutions Performance Appraisal System for teaching and non-teaching staff

Response:

Vikas has Performance Appraisal System for teaching and non-teaching staff. This is an important process for both institution and faculty. Performance Appraisal System initiated by IQAC. This is done for all faculty of departments of institution to maintain standards constantly. The performance of each employee is appraised annually after completion of one year of service. The Appraisal report is based on the Annual performance of the employee on the basis of their academic, research and other extra-curricular activities. The performance of the employees is evaluated as per the established norms.

1. Appraisal for Teaching Faculty

Head of the department along with class in charge collects the feedback forms from students in the format-1, in the last working week of the semester. Based on the average feedback collected from the student, feedback of the faculty is analyzed by the HOD and concerned faculty, in the format-2.

Every faculty submits, self appraisal form to the HOD in the format-3, soon after the 2ndsemester results are declared. Based on the self appraisal report of the faculty, HOD evaluates the faculty and performance appraisal report is submitted to the principal with his remarks. Parameter and weightages for evaluating the faculty are given in the following table.

Parameters for evaluation:

Sr.No	Parameters	weightage
1.	Student feed back about class room teaching	30
2.	University exam results	30
3.	Evaluation of HOD & Principal	20+20
	Total points	100

Weightage forParameter1:

In each semester the student's feedback is taken for all courses on a 3 point scale .i.eExcellent-3, Good-2 and poor-1. Class in charge prepares the consolidated report based on thestudentfeedbackforms.Weightageforthestudentfeedbackisgiveninthefollowingtable

Sr.No	Student feedback	weightage
1.	Above 2.5	30
2.	1.5 to 2.49	15

3.	Below 1.49	5
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Weightage for Parameter2:

Based on the university results, weightage for the pass percentage of the faculty is given based on the following table

Sr.No	University exam results	weightage
1.	Above 80%	30
2.	80% to 50%	20
3.	Below 50%	5

Weightage for Parameter3:

HOD evaluates the faculty based on the particulars in the format 4, contains 20 questions related to attitude, interpersonal skills, and performance of the faculty.

Based on the total points obtained in above 3 parameters, overall grade will be obtained

S.No.	Total marks obtained by faculty	Appraisal grade of faculty
1.	80 and above	A
2	<80 and >=50	B
3	<50	C

Action plan

S.No.	Appraisal grade of the faculty	Remark	Remedial action
1	A	Excellent	Not required. However, faculty will be encouraged to maintain the grade
2	B	Appreciable	Not required, faculty will be encouraged for the further improvement, if required
3	C	Below expectations	Improvement is required in weak parameters, motivation and support will be given for improvement

1. Appraisal of Non-teaching staff

The appraisal of the Non-teaching staff is done by the HOD/Admin Officer and principal, based on 10 Questions as mentioned in format-5.

Action plan: Based on total score obtained in format-5

Sr.no	Observations	Remedial action
1	>=80	Not required. However, staff will be encouraged to maintain the performance
2	<80 and >=50	Not required. staff will be encouraged for further improvement if required
3.	<50	Need overall improvement. Motivation and support will be given for improvement

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

Vikas has well defined mechanism to monitor effective and efficient use of available financial resources. The Institute has a system of internal and external audit. Internal audit may evaluate on improve the effectiveness of risk management and governance processes in the institutions. On the other hand an external audit is carried out by independent auditor in accordance with the law. The institution follows a well defined financial policy for effective and optimal utilization of financial resources for academic and administrative purpose. The budget is prepared well in advanced by taking into consideration the financial requirement of every department. Qualified Internal Auditor have been appointed and a team of staff under them do a thorough check and verification of all vouchers of the transactions that are carried out in each financial.

Internal Audit: An Internal auditor is appointed to do the audit on regular basis. Internal audit helps to follow an effective approach to evaluate and enhance the effectiveness of financial transactions. The Institute auditor conducts the audit of accounts quarterly, scrutinizes and verifies all payments, receipts and journals vouchers of the transactions, cash books, ledger account and all bank accounts in every financial year.

External Audit: An external auditor appointed by the society, executes the statutory audit. A thorough investigation and verification of all transactions carried out in each financial year. Based upon observations given by the internal auditor, action will be initiated. A copy of internal audit report is preserved. The external statutory auditor shall visit the institute office once in a year for vouching audit and submitting the final audit report. The proposals are made on different heads such as laboratory equipment, library expenses, salary payments, building and infrastructure, sports facilities and other maintenance expenses.

The report of external auditor of the last year along with audited Balance Sheet and Income & Expenditure account is enclosed. After approval, the financial accounts, documents could be used for all statutory purposes. Finalization of the account is completed in June/July and audited statements are prepared in June/July duly signed by the Principal, and chartered accountant. The auditors prepare and submit the income and expenditure statement and Balance Sheet and Depreciation statement. Then audited report is submitted by chartered accountant and these financial documents are used for all statutory purpose. The external audit report kept open for reference to stakeholders.

At the beginning of the financial year the draft budget is prepared and put up before the Finance/Budget Committee. After that it is placed in front of CAC before it is placed in front of the Governing Body for approval. Apart from the student fund utilization and revenue and contingency expenditure, emphasis is given for utilization of the development fund on infrastructure development. It may be noted that the state government pay the fees (through reimbursement) to all eligible students admitted into the college. Thus, the receipts are very transparent.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

6.4.2 Funds / Grants received from non-government bodies, individuals, philanthropers during the last five years (not covered in Criterion III)

Response: 0

6.4.2.1 Total Grants received from non-government bodies, individuals, Philanthropers year wise during the last five years (INR in Lakhs)

2019-20	2018-19	2017-18	2016-17	2015-16
0	0	0	0	0

File Description	Document
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the last five years	View Document

6.4.3 Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Response:

Mobilization of funds:

As the institution is affiliated to university and approved by Andhra Pradesh state government, for every three years there is a revision of the fee based on the expenditure for the past 3 years. Most of the income is based on the scholarships of state and central government. Sponsoring society helps the institute in providing various scholarships as well as it meets the deficit as compared with the income generated.

As the society established this institute for the development of rural area students it also invites the donations from various bodies/NGOs/Alumni and other donors.

For the institution the resources of funds are:

a. From the students

1. Tuition fee collected from students
2. Special fee which includes University fee and other student activities
3. Examinations fee

b. From other agencies

1. NSS /CSR funds from companies/NGOs
2. R&D or any other funded projects
3. Consultancy
 1. Corporate training
 2. Industry problems

c. From society and other well wishers

1. Society contributions/Donation/Philanthropist.

Funds utilization:

Funds are utilized majorly on academic activities, others are administrative activities.

The major beneficiaries are the students for their holistic growth and also the faculty who discharges their duties with commitment and dedication.

The below mentioned are some of the heads of expenditure for optimal utilization of the funds mobilized.

a. Academic expenditure

1. Salaries (Teaching & Non teaching)
2. Incentives/rewards/awards for faculty /staff
3. Expenditure towards Revenue generation from consultancy
4. Welfare measure benefits for faculty /staff
5. Incentives/rewards/awards for students
6. Welfare measure benefits for students
7. In-house R&D or projects expenditure.

8.R&D or any other funded projects

- 1.Events organized (Technical, stakeholder meetings, etc)
- 2.Library & Reading Room
- 3.Internet
- 4.Maintenance
 - 1.lab
 - 2.infrastructure including repairs/renovations
- 5.Augmentation of assets
 - 1.Laboratory
 - 2.Computers
 - 3.Furniture
 - 4.Facilities
 - 5.any other

b. other activity expenditure

- 1.Training & Placement Cell
- 2.Games and Sports
- 3.College functions
- 4.College Magazine
- 5.Hobby Centre
- 6.Student Hand Book Medical center/Insurance

c. Administrative expenditure

- 1.Advertisement
- 2.Admission fee
- 3.Fee paid to university
- 4.Travel & Transport.
- 5.Website/internet/electricity/stationary/postage/telephone/landscaping/ legal/audit/bank charges/etc

Institutional strategies for optimal utilization of resources:

As self financing institutional, the utilization of resources is optimal to the resources available. A budgeting system is in place where the HoDs and the committee heads put forth their proposed budget to the principal and intern receive the approval from the principal for which they are accountable for the expenditure/utilization.

File Description	Document
Upload any additional information	View Document
Paste link for 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

Response:

IQAC evolves mechanisms and procedures for

1. Ensuring timely, efficient and progressive performance of academic, administrative and financial tasks
2. The relevance and quality of academic and research programmer
3. Equitable access to and affordability of academic programmes for various sections of society
4. Optimization and integration of modern methods of teaching and learning
5. Credibility of evaluation procedures
6. Ensuring the adequacy, maintenance and functioning of the support structure and services
7. Research sharing and networking with other institutions in India and abroad

IQAC strategies and procedures implementing

Governance:

- E-Governance is implemented in the institute in the year 2019, in the areas of administration, student admissions and support, examination, and Teaching learning process.
- There is established grievances handling mechanisms for all students and teaching and non teaching staff
- Effective mechanism for internal academic and administrative audit
- Periodical monitoring of the teaching learning process

Curricular aspects and Teaching learning

- Analysis of university syllabus and identifying Gap with the help of analysis of feedback from stakeholders
- Arranging training programs, seminars, guest lecturers to fill the Gap
- Lesson plan preparation with e- content
- Usage LMS to support students

Infrastructure development and learning resources

- Under the Green campus initiative, rainwater harvesting, plantation, solar energy generation
- Under academic infrastructure, ICT enabled class rooms, E –learning facilities and learning management system
- Availability of E-resources and remote login for the library usage
- Effective utilization of Indoor and Outdoor sport facilities

Staff Empowerment strategies

- Rewards- recognitions and incentives and staff welfare policy
- Deputation for higher education
- Sponsorship to participate in national and international conferences

- Encourage to do certification programs through Swayam portal and NPTEL

Practice -1: Monitoring the teaching learning process: lesson plan for the course is prepared by the concerned faculty based on the Institute academic calendar, immediately after the subject allotment. Progress of the syllabus completion is monitored by the HOD and Principal using syllabus completion report and course log mentioned at the end of the student attendance register. Feedback from student is collected for analyzing the course and faculty at the end of the semester.

Practices- 2: Empowerment of Staff: Institute provides sponsorship to the teaching faculty for publishing the papers in national and International Journals, faculty development programs. Institute also provides the welfare activities of the teaching and non teaching staff

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities (For first cycle - Incremental improvements made for the preceding five years with regard to quality For second and subsequent cycles - Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives)

Response:

The IQAC being the central body within the college, monitors and reviews the teaching learning process, structure & methodologies of operation regularly through its organizing committee members. IQAC regularly conducts meetings in a periodical intervals to monitor and takes steps to initiate new structures, process and methodologies of operations. Review on the teaching learning process and methods of operation and outcomes are analyzed based on targets and the reports of the Academic audit.

The standard methods of teaching, learning and evaluation which are proven over the years are being followed

Institute Calendar :Based on the JNTUK University Academic calendar, the institute prepares Institute calendar, containing ample time for not only regular teaching learning but also various events like seminars/guest lecture/workshops/FDP`s/Industrial visits and other extra curricular activities.

Lesson plan: lesson plan prepared by the faculty member, which indicates various teaching aids/methodologies (C&T, PPT, Videos) for delivering the content and also the web reference were included. This is been displayed to the students in the class notice board. This is as per the curriculum structure and fulfills the requirements of the syllabus.

Feed back of faculty by students: The institute has a feedback system to evaluate the faculty by students.

Feedback on faculty include teaching methodologies, course delivery, attitude e.t.c, HOD analyses the Faculty feedback form and suggest for the improvements. Faculty appraisal systems has Weight age on feedback of faculty by the students

Student Learning Outcomes: The Institute monitors the performance of the students regularly not only based on marks which is of quantitative but also qualitative metrics like Course outcomes with Blooms taxonomy learning levels. It has specific procedure to collect and analyze the data on student learning outcomes. The following points are relevant to this context.

- Students are counseled based on Performance in the Unit tests
- Results in the internal mid exams(assignments, online line and offline test) are reviewed
- Timely redressal of students` grievances
- Classes for poor and advanced learners
- Analysis on CO and PO attainment.

Gaps identifying and addressing: Gaps were identified based on the compliance of curriculum towards attainment of PO,PSO. The same has been addressed with the help of internal or external resources with various methodologies. The gaps addressed may be of a guest lecture, seminar, workshop, industrial visit, additional experiments, mini projects etc.

Examination system: Institute maintains effective decentralized offline tests and centralized online exams for internal evaluation, questions in mid exam question paper indicates the taxonomy levels.

Student`s Result analysis: Institute has the provision of analysis of the students` performance after the announcement of their semester results. Students are counseled by HOD, Principal and Management and motivate them to work towards improvement. University results has Weight age in the performance appraisal of the faculty.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

6.5.3 Quality assurance initiatives of the institution include:

1. **Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements**
2. **Collaborative quality initiatives with other institution(s)**
3. **Participation in NIRF**
4. **any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)**

Response: B. 3 of the above

File Description	Document
Upload e-copies of the accreditations and certifications	View Document
Upload details of Quality assurance initiatives of the institution	View Document
Paste web link of Annual reports of Institution	View Document

NAAC

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Measures initiated by the Institution for the promotion of gender equity during the last five years.

Response:

Institute conducts various seminars and events/activities which are committed to gender equity. Main focus of these events is gender sensitization and gender equality through health communication program. Including gender concerns in health communication programs can make health messages more effective and stimulate awareness of the need for equity in gender roles. The Institution has established Internal Complaint Committee (ICC) and National Service Scheme (NSS) Cell to identify address and conduct various programs on such issues.

“Vikas College Of Engineering And Technology” has concern in the aspect of “Safety & Security.” Apart from ID’s & Dress Code being a compulsion to the students. The campus and hostel is monitored under strict security staff and CCTV serve 24X7. Especially for the girl students & female faculty constant care is taken into consideration in providing all the amenities.

Counseling is the key concern of “Vikas College of Engineering And Technology” as we understand that this is the phase of the student’s life of making or breaking. Counseling is upheld on an individual and prioritized basis from student to student for the enhancement of “Ethical & Moral Values” to “Personality Development” to “Behavioral Etiquette.” Students are encouraged all the time to come up with whatever the issues or troubles being faced no matter how small or big. Of all the aspects of counseling; “Ragging” is the one thing that is curbed in the initial stages itself and awareness is created by arranging counseling sessions by local police officials, psychologists/psychiatrists for proper personality development and confidence among the students. The provisions of Anti Ragging Act are displayed through flexes in respective places in the college.

A common room is provided for Boys and Girls separately in the campus. Constant supervision is made by the respective faculty members to make sure the students are utilizing the common room for the factual reasons.

File Description	Document
Link for specific facilities provided for women in terms of: a. Safety and security b. Counselling c. Common Rooms d. Day care center for young children e. Any other relevant information	View Document
Link for annual gender sensitization action plan	View Document

7.1.2 The Institution has facilities for alternate sources of energy and energy conservation measures

1. Solar energy
2. Biogas plant
3. Wheeling to the Grid
4. Sensor-based energy conservation
5. Use of LED bulbs/ power efficient equipment

Response: A. 4 or All of the above

File Description	Document
Geotagged Photographs	View Document
Any other relevant information	View Document
Any other relevant information	View Document

7.1.3 Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)

- Solid waste management
- Liquid waste management
- Biomedical waste management
- E-waste management
- Waste recycling system
- Hazardous chemicals and radioactive waste management

Response:

Vikas College of Engineering & Technology has designed methods for the management of waste generated in the campus using the basic waste management strategy. The waste generated in the campus includes liquid waste and solid waste- both of biodegradable and non-biodegradable nature & chemical waste. No classified hazardous waste is generated in the campus. The waste generated is classified into the following types:

1. Solid waste Management

Solid waste includes both biodegradable and non-biodegradable components. The non-biodegradable solid waste generated in the campus include, paper, plastics, metal cans etc. Biodegradable waste includes food waste, vegetable peels, leaves etc.

'Use and throw' items like plastic cups, plates etc. used in the college canteen are replaced by reusable items paper glasses and steel plates.

Food waste and non-biodegradable waste are collected in separate bins.

Bio-Gas Plant is installed at hostel Campus for production of Bio Gas using food waste. The Bio Gas is then used to generate heating applications to prepare food.

2. Liquid waste Management

RO plant wastewater is used for Plantations and Cleaning the buses etc.

3. E-waste Management

E-waste or electronic waste is created when an electronic product is discarded after the end of its useful life. E-waste mainly includes obsolete electronic devices, such as computer systems, servers, monitors, compact discs (CDs), printers, scanners, calculators, battery cells etc. E-waste is disposed off through vendors.

File Description	Document
Any other relevant information	View Document
Link for Relevant documents like agreements/MoUs with Government and other approved agencies	View Document
Link for Geotagged photographs of the facilities	View Document

7.1.4 Water conservation facilities available in the Institution:

1. Rain water harvesting
2. Borewell /Open well recharge
3. Construction of tanks and bunds
4. Waste water recycling
5. Maintenance of water bodies and distribution system in the campus

Response: A. Any 4 or all of the above

File Description	Document
Geotagged photographs / videos of the facilities	View Document
Any other relevant information	View Document
Link for any other relevant information	View Document

7.1.5 Green campus initiatives include:

1. Restricted entry of automobiles
2. Use of Bicycles/ Battery powered vehicles
3. Pedestrian Friendly pathways
4. Ban on use of Plastic
5. Landscaping with trees and plants

Response: Any 4 or All of the above

File Description	Document
Various policy documents / decisions circulated for implementation	View Document
Geotagged photos / videos of the facilities	View Document
Any other relevant documents	View Document
Link for any other relevant information	View Document

7.1.6 Quality audits on environment and energy regularly undertaken by the Institution and any awards received for such green campus initiatives:

- 1.Green audit
- 2.Energy audit
- 3.Environment audit
- 4.Clean and green campus recognitions / awards
- 5.Beyond the campus environmental promotion activities

Response: A. Any 4 or all of the above

File Description	Document
Reports on environment and energy audits submitted by the auditing agency	View Document
Certification by the auditing agency	View Document
Certificates of the awards received	View Document

7.1.7 The Institution has disabled-friendly, barrier free environment

- 1.Built environment with ramps/lifts for easy access to classrooms.
- 2.Disabled-friendly washrooms
- 3.Signage including tactile path, lights, display boards and signposts
- 4.Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment
- 5.Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

Response: A. Any 4 or all of the above

File Description	Document
Policy documents and information brochures on the support to be provided	View Document
Geotagged photographs / videos of the facilities	View Document
Any other relevant information	View Document
Link for any other relevant information	View Document

7.1.8 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 500 words).

Response:

The institute provides a culturally inclusive environment with mutual respect, effective relationships, and clear communication. People of all cultural orientations work in harmony that is safe from abuse, harassment, or unfair criticism. Everyone has freedom to express their own opinions and are given equal opportunity to participate in teaching, learning, work and social activities.

The institute maintains complete transparency and right from the enrollment and all admissions done only on merit without any biases. Equal opportunities are provided to the students in various activities conducted throughout the session irrespective of their caste, creed, religion and region. The institution has an active student council and NSS wing to inculcate a sense of unity, discipline and harmony. The institution believes in equality of all cultures and traditions as is evident from the fact that students belonging to different caste, religion and regions are studying in the college without any discrimination. There is no segregation of students on the basis of their lingual or communal background. Students feel safe and secure at the institute.

Anti-ragging cell acts as a key factor in maintaining tolerance and harmony among students. For the last decade there is not a single incidence of ragging which shows the efficient working of the cell. Grievances redressal committee is also constituted to address the grievances among students to maintain harmony in the college and have not seen any serious grievances till date.

The girls are encouraged to take up leadership roles and participate actively in all student activities. To promote a sense of gender equality, many mixed team sports events are organized.

Various cultures are represented during the fests which depict sense of respect towards all the cultures. Sports, cultural and technical activities are organized inside the college in every year. Exclusive Technical festival, 'VIKASIT' is organized to commemorate the birth anniversary of Shri Vishweshwarya Mokshagundam. Every department also undertake national level competitions to give opportunity to all the students to be part of activities of the Institution. Competitions are organized by senior students for the first-year students. The bonds are strengthened when the learning takes place within the peer group. It is a series of hands-on technical sessions by the students for the students which are conducted during the weekends by the final year students and alumni for the first year and second year students.

The student clubs also organize cultural shows drama competitions, dancing, singing and Traditional dress. Commemorative days like Women's day, Teachers' day, Yoga day, national festivals are also celebrated in the college.

File Description	Document
Link for supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View Document

7.1.9 Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens (within 500 words).

Response:

At Vikas College of Engineering & Technology, we believe in giving holistic all round education to the students. And sensitizing students on our constitutional rights, values, duties and responsibilities is one of the primary educations given at the institute through various means.

Sensitization of students and employees of the Institution to the constitutional obligations is done through curriculum as well as through extra-curricular activities. Many of the subjects offered have topics which sensitize the students about the constitutional obligations e.g. one Institute level subject is based on Human values and professional ethics. In addition to this many regular programs are conducted by NSS cell of the institute to educate women about their rights. Also seminars and workshops are conducted on days of national importance on various rights, duties and responsibilities of citizens. Also every year police personnel are invited to share their experience and inspire and motivate young minds to contribute in building the nation. Seminars on topics like Right to Information, sexual harassment are conducted periodically. In Right to Information seminar, various sections and categories of the act are explained.

NSS unit of the institution conducts a cleanliness drive to mark the occasion of Swachh Bharat Abhiyan in the college campus as well as in the nearby village area. An oath is taken by all students and faculties to keep their surroundings clean. Also many skits and dance performances are presented in various events related to sensitization. Various topics covered include corruption, responsibility of young, Child labor, negative influence of Society on our Passion & Dreams, Social media abuse, Favoritism, Mental Health etc.

File Description	Document
Link for details of activities that inculcate values necessary to render students in to responsible citizens	View Document

7.1.10 The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.

1. The Code of Conduct is displayed on the website
2. There is a committee to monitor adherence to the Code of Conduct
3. Institution organizes professional ethics programmes for students, teachers, administrators and other staff
4. Annual awareness programmes on Code of Conduct are organized

Response: A. All of the above

File Description	Document
Details of the monitoring committee composition and minutes of the committee meeting number of programmes organized reports on the various programs etc in support of the claims	View Document
Code of ethics policy document	View Document

7.1.11 Institution celebrates / organizes national and international commemorative days, events and festivals (within 500 words).

Response:

Vikas College of Engineering & Technology Organizes National Festivals and Birth and Death Anniversaries of great Indian Personalities with enthusiasm. Our students are on a mission towards better India by breaking the boundaries of religion and caste. Thoughts of great Indian personalities sowed into the young minds through the exhibitions and programs conducted on these days. The institution practices pluralist approach towards all religion functions and encourages the students and faculty to showcase the same. Every year our institute organizes the national festivals and birth / death anniversaries of the great Indian personalities. Staff and students get to know the importance of national integrity in the country in general and their role in it in particular.

1. **26th January Republic Day-** Republic Day is celebrated on January 26 to commemorate the adoption of constitution. On this day, various formal events including flag-hoisting and march-past are organized and which are followed by

“constitution awareness program” in which students and staff members got information of their duties towards our nation and rights given to them by our constitution.

Festivals celebrated:

15th August Independence day

5th September(Dr.Sarvpalli Radha Krishnan Birth Anniversary)

2nd October Mahatma Gandhi Birth Anniversary

31st October Ekata Divas (Birth Anniversary of Sardar Patel)- it is celebrated as National Unity Day.

15th September Engineers day (Birth Anniversary of Sir Visvesvaraya)**Local Festivals****Ugadi – Celebrated As The New Year’s Day**

Ugadi also known as Gudi Padwa in some parts of India is a widely celebrated festival in Andhra Pradesh, Telangana, and Karnataka. People in Andhra Pradesh celebrate Ugadi according to the lunisolar calendar in Hinduism, Lots of delicious sweets are made on the day like Puran Poli and Bhakshya.

The Vikas College of Engineering & Technology follow a trend of making a garland of banana leaves and hang them up on the door. New clothes, lights, and sweets followed special PUJA (prayer) make the day special.

Mini-Christmas – Commemorates The Birth Of Jesus Christ

The Vikas College of Engineering & Technology celebrate Mini-Christmas is not only an important festival for the people of Andhra Pradesh but for the entire world. It is observed to commemorate the birth of Jesus Christ on Earth. The day beautifully starts listening to the church choirs describing the scared deeds of Jesus.

Dussehra – Celebrates The Victory Of Good Over Evil

The Vikas College of Engineering & Technology celebrated every year and ayudha pooja. The festival of Dussehra is popularly known as Vijayadashami and Dasara in the south. Vijayadashami is celebrated for 10 days where people pay their respect to Goddess Durga. People of the state visit the temple of Goddess Durga and wear beautiful traditional attires. Another important aspect which people of this state follow is to set up the ‘Bommala Koluvu’ at their homes. This is a beautiful arrangement of dolls and toys. This 10 days festival is considered as one of the popular festivals in October in India.

File Description	Document
Link for Annual report of the celebrations and commemorative events for the last five years	View Document
Link for any other relevant 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 1:

Title of the Practice: Eco-friendly and Green Campus

Goal:

1. To make pollution free campus.
2. To save the human being from the effect of environmental pollution.
3. Planting more trees and protecting the existing trees.
4. To make Cool & clean campus environment by Conservation of energy.

Context: Today there is a great need for conservation because we are facing severe environment problems. The main cause behind these problems is that human beings are consuming natural resources at a much quicker pace than they can be replenished. Pollution is becoming very serious day by day due to deforestation and urbanization. The College well situated surrounded by hills were the rain water stream flow through the campus. There is efficient use of available water and other resources. A clean and healthy environment aids effective learning and provides a conducive learning environment. To educate and make aware the students on the issues of eco-friendly and green campus.

The Practice: The time bound strategies are developed to implement green campus initiatives. At the outset, an 'Environmental consciousness & sustainability committee' comprising faculty and students from the various departments is constituted. This helps in strengthening eco campus. Following are the initiatives for making eco-friendly campus.

1. Plantation: The different varieties of mango plant are planted in the campus. Our college has planted hundreds of plants and trees. Present green campus is the outcome of the sincere efforts.
2. Solar power generating system of 160 KW is provided on the roof top of the academic building (A and B Blocks).
3. Rain water harvesting system is in place to collect roof top water into the underground recharge in form of harvesting pits.

1. Plants in the campus are watered without wasting the water (Using RO waste water also).

Evidence of Success:

1. The green campus developed by college helps not only to protect the environment, but also adds to the beauty of the campus.
2. During hot days or power cuts the students both residential and non residential occupies the shade provided by the trees for their beyond working hours.
3. Good health without any health complication for all the students as there is no industry or residential colonies nearby up to about 7 Kms.
4. As the campus is located at the dead end of the road which was laid by the society exclusively for our college so that no sound pollution effects the students.
5. The surrounded area belongs to forest department so there is no possibility for any disturbances.
6. As the campus is about 100 acres the students & staff who are the residential enjoy morning walk, games and sports, gym and are having pleasant atmosphere.

Problems Encountered and Resources Required: water shortage problem has been overcome with drip irrigation. To get rid of monkeys, solar fencing is provided and also gun man with dummy bullets to ensure that they may not restrict the growth of the plantation.

Best Practice2 2:

Title of The Practice: Counseling/Mentoring System For Students

Objective: To minimize dropouts, improve overall performance and help students cope with stress through personal counseling and mentoring.

The Context: Through mentoring, we help students discover themselves and their potential, show them how to apply their skills and special aptitudes, and guide them in defining and pursuing their own career goals. In turn, mentoring helps mentors discover new things about themselves. They will learn just how valuable their knowledge, experience, and expertise is to their mentees.

The transition from Intermediate education to engineering education can be a stressful experience for many adolescents. This may include fear of bullies, a feeling of being lost, peer relationship worries, and anxiety over coping with increased workload. These concerns can directly impact their academic performance.

The engineering course is a time bound course with time limitations to complete the work, especially during the first two years and some students undergo various problems coping up with the engineering curriculum and the demands of education. Sometimes, the financial and educational background of students can result in the development of several complexes in them due to inhibitions which may impact their performance. Considering the student teacher ratio in class, it is not possible at times, to give personal attention to students in the class to address some of the sensitive issues that bother them. One solution therefore is a 'Counselling/Mentoring' where the mentor can form a bond with students in the true sense. Mentoring is required for students to achieve emotional stability and to promote clarity in thinking and decision making for overall progress. The mentors can also give career guidance and play a major role in helping students to achieve their professional goals.

The Practice: The practice is that of creating an efficient mentor-mentee system. Each faculty is assigned around 18 students. Students meet to discuss, clarify and primarily to share various problems which may be personal, domestic, academic, etc. The mentors encourage the students to participate in co-curricular and extra-curricular activities, and record their attendance and academic performances. Students are instructed to inform their mentors about all their movements, like their absence from college, sickness, etc. The mentors also keep in touch with the parents on their attendance, test performance, fee payment, and examinations and other things. The Mentee details are recorded and maintained in a student data card so that the teacher is equipped with all the necessary information about his/her mentee. The teacher involves local guardians and parents as well, whenever necessary for any advice or help. The mentors also counsel the students who encounter emotional problems. The Mentors take special care of weak learners, who are given advice on how to study.

Evidence of Success: Evidence of success of the practice includes improvement in personality development, mingling with co-students and staff, better communication and social responsibility towards society and parents, more regularity, less dropouts, better discipline on campus and a respectful relationship between teachers and students. The students and the parents have a healthy relationship with the mentors and faculty members. Mentor gets satisfaction on receiving appreciation from the parents.

Problems Encountered and Resources Required: This practice requires a well- committed faculty that has the desire to help students. Constant up-gradation of counseling through training needed to all the mentors/counselor.

File Description	Document
Link for Best practices in the Institutional web site	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:

Vikas College of Engineering & Technology has a set of high values and standards for the improvement of student and faculty. Combination of learning and curiosity of actions from the institution for years provide good actions. Externally, it was driven to deliver our mission and convinced of the transformative power of education to them for their betterment. The institution has distinct characteristics which have guided multi-disciplinary academic programmers as well as in social-cultural disciplines. We aim to deliver an exceptional education and to make significant contributions to society-locally and nationally. Institution consistently inspires students and provides a platform for methodological skill development, multidisciplinary scheme development and ethical, human value development. Focus of the institution was always on the vision, mission and working methodology to assure the standard of the students performance through value added education. Our college collectively seeks solutions to address the issues relating to a comprehensive and all-encompassing strategy for the development of students. This emphasis is to create an enabling ecosystem of equal opportunities for education and health. With the belief of academic and technical excellence, Institution stimulates and support students to participate in various rural developmental activities. The rural area where a higher education institution of this magnitude can contribute greatly towards local development and promotion of the rural public. The college has at all times shown willingness to adopt new dealings for the enrichment of values among faculty members and students in order to make them better residents. Thus all faculty members and students of our College are fortified to participate in social activities.

- 1.It's a rural college campus about 100acres located in a area where only BSNL signal are available no other cell network, hence students are not disturbed with cell phone chats. The college is located 19thkms radially distance from the heart of the state capital of Andhra Pradesh. The college promotes the socially downtrodden students who hail from rural Areas. The aim of Jaati pitha Mahatma Gandhi's Grama Swarajya can be fulfilled. It also suppout to uplift the literacy rate among the rural people . the motto is to develop global professionals from local people
- 2.All students come through college bus only as there is no public road or transport upto 7 Kms. The students also protected from Motor bike accidents etc. So that the students are secured with fresh air during their drive to college with noise free environment. The study atmosphere is not get disturbed.
- 3.College is a green campus surrounded by hills, mango plantations and greenery and the remaining is of forest land on the other sides thus making completely pollution free campus.
- 4.Live like a family through celebrating various cultural and religious festivals together like Ugadi, pongal, republic day, Vanabhojanalu during the karteeka masam etc.
- 5.During summer mangoes are distributed for faculty and staff the students can get for reasonable

price, where they can happily consume the mangoes with their family members

6. Special training on behalf of the state government is provided for Grama/ Ward sachivalayam training program for sachivalayam staff was conducted in our college as there enough residential accommodation.
7. Our campus has got 5 number of rainwater harvesting pits which are designed to absorb more than 1 lakh litres of water in a year. This helps to improve the groundwater table considerably.
8. The college also got constructed 3 rainwater check dams which is helpful to percolating the rainwater and there by helps to improve the ground water table in the college premises. The college also having construction of rainwater harvesting ponds to store the water. This enables making use of instant water and also improving the ground water table. Our efforts are very much useful for the small birds and animals to trench the thirsty during the summer. The college protects the biodiversity, environmental balance and living echo friendly environment of the small birds and animals.

File Description	Document
Link for appropriate web in the Institutional website	View Document

5. CONCLUSION

Additional Information :

Saraswathi Vidya Peetam, Parent society of VCET providing the education from KG to PG in Krishna district of Andhra Pradesh.

Intercom availability in the campus for internal communications.

Concluding Remarks :

VCET (with its vision) making the dream of higher education a reality for the rural students. VCET redefined the very face of rural education by establishing professional and technical education in particular affordable to the needy.

NAAC