



Yearly Status Report - 2019-2020

Part A

Data of the Institution

Part A	
Data of the Institution	
1. Name of the Institution	VISAKHA INSTITUTE OF ENGINEERING AND TECHNOLOGY
Name of the head of the Institution	Y.PRASANNA KUMAR
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	0891-2892902
Mobile no.	9959617472
Registered Email	principal.vspt@gmail.com
Alternate Email	pvr2010@yahoo.in
Address	57th Division, Narava, Visakhapatnam, 530027
City/Town	VISAKHAPATNAM
State/UT	Andhra Pradesh
Pincode	530027

2. Institutional Status					
Affiliated / Constituent		Affiliated			
Type of Institution		Co-education			
Location		Rural			
Financial Status		state			
Name of the IQAC co-ordinator/Director		MR.A.HARI KUMAR			
Phone no/Alternate Phone no.		08912892915			
Mobile no.		9394857890			
Registered Email		vietnaac@gmail.com			
Alternate Email		harikumar@vietvsp.com			
3. Website Address					
Web-link of the AQAR: (Previous Academic Year)		http://www.vietvsp.com/aqar/201819.pdf			
4. Whether Academic Calendar prepared during the year		Yes			
if yes,whether it is uploaded in the institutional website: Weblink :		http://www.vietvsp.com/calenders/ca/ac201920.pdf			
5. Accrediation Details					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B++	2.93	2019	09-Sep-2019	09-Sep-2024
6. Date of Establishment of IQAC			14-Sep-2015		
7. Internal Quality Assurance System					
Quality initiatives by IQAC during the year for promoting quality culture					
Item /Title of the quality initiative by IQAC		Date & Duration		Number of participants/ beneficiaries	
Certificate Programs		09-Dec-2019		206	

	15	
Value added Programs	25-Jun-2019 15	303
Remedial Classes	19-Aug-2019 15	523
Bridge Courses	23-Jul-2019 14	67

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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/ Faculty	Scheme	Funding Agency	Year of award with duration	Amount
VIET	NIL	DST	2020 0	0
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View Link](#)

10. Number of IQAC meetings held during the year :

6

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View Uploaded File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

12. Significant contributions made by IQAC during the current year(maximum five bullets)

1 Regular meetings of Internal Quality Assurance Cell (IQAC) 2 All teachers are encouraged to take part actively in research work. They are encouraged to send proposals for major and minor research projects of UGC, DIST etc 3 Robust MentorMentee System 4 Best practices such as No Vehicle Day, Sapling Plantation, Rain Water Harvesting and Green, Clean Plastic Free Campus 5 Constant encouragement and inspiration by the IQAC to promote research aptitude and research ethics among faculty members students 6 The IQAC ensures a regular attendance of students and teachers round the year 7 The teachers are encouraged to participate in Refresher Courses, Orientation Programmes, Research, Seminars

and Workshops etc. for the upgradation of knowledge base 8 The IQAC regulates the arrangements for holding seminars, workshops etc. by individual departments to upgrade the knowledge base of the students

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
Computer and IT departments are planning to motivate UG PG students to join online learning platforms, use smart phone as a learning tool.	Students and faculty members are registered in online learning platforms like SWAYAM and NPTEL, epathshala
The Alumni association is planning to register more than 500 Alumni and get them involved for contribution in the academic and infrastructural development of our college.	Contribution made by Alumni in Instruments like Colour Printer for Autonomy, Physics Instruments, Books, 2 Fridges, Wheel Chair were donated by the Alumni
Computer and IT department would like to organize workshops/seminars and inter collegiate competitions for development of ICT based teaching - learning tools.	Two day workshop was organized for PG Students on Programming & networking skill
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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
Governing Body	02-Aug-2021

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

No

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2019

Date of Submission

30-Dec-2019

17. Does the Institution have Management Information System ?

Yes

If yes, give a brief description and a list of modules currently operational (maximum 500 words)

we have centralized monitoring system CAMU currently using the modules

Student online classwork, Attendance monitoring for student and faculty, details of the student , lesson plans , staff leave management, admission process etc

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

VIET is affiliated to Jawaharlal Nehru Technological University?, Kakinada, Andhra Pradesh. The Institute follows the curriculum as prescribed by the Jawaharlal Nehru Technological University, Kakinada. The academic calendar provided by the University is followed. The academic and other activities are planned for the semester and a calendar of events is prepared by the institute also. At the beginning of the semester the faculty members prepare the lesson plans for their respective subjects. As per the scheduled dates of academic calendar, internal/ end semester examinations for students are conducted in each semester. For the weaker category of students, remedial classes are conducted for different subjects and evaluation of outcome. For the laboratory classes, in addition to the lesson plans, lab manuals are prepared for each subject by the faculty and distributed to the students. Industrial visits are arranged to bridge the gap between theoretical knowledge and Industrial applications. Andhra Pradesh is well known for automotive, power generation industries and Software development centers. All the departments arrange visits to these industries so that the students are exposed to the real world of manufacturing, energy production and latest trends in software and communication technologies. Also, many of the final year projects are supported by the industries. Special lectures are conducted by inviting distinguished faculty engineers from reputed Universities/Institutes and Industries. The institution has also developed various plans for effective monitoring of the curriculum. Details of these processes are as follows: Each department has defined its specific Vision and Mission in tune with the institution's Vision and Mission. Program Education Objectives (PEOs) are developed in consultation with management, faculty members, students, technical staff, stakeholders (alumni, parents, employers etc). These are updated from time to time on the basis of feedback received from various bodies. Each program of the department is elaborated in terms of Program Outcomes which are aligned with graduate attributes. Furthermore Course Outcomes (COs) for every subject taught is formed by individual faculty members.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
CERTIFICATE PROGRAM ON SCILAB	NA	09/12/2019	15	Employability	NA
CERTIFICATE PROGRAM ON INTERNET OF	-NA-	16/12/2019	15	Employability	-

THINGS

CERTIFICATE PROGRAM ON PLC	-NA-	27/01/2020	21	Employability	-
CERTIFICATE PROGRAM ON MATLAB	-NA-	03/02/2020	14	Employability	-
CERTIFICATE PROGRAM ON CATIA	-NA-	17/02/2020	15	Employability	-
CERTIFICATE PROGRAM ON REFRIGERATION AND AIR CONDITIONING	-NA-	24/02/2020	15	Employability	-
CERTIFICATE PROGRAM ON NDT	-NA-	09/03/2020	15	Employability	-
CERTIFICATE PROGRAM ON ELECTRONICS AND CIRCUIT ANALYSIS USING MATLAB	-NA-	16/03/2020	15	Employability	-
CERTIFICATE PROGRAM ON ADVANCED PCB DESIGN CIRCUIT MAKING	-NA-	10/06/2020	15	Employability	-
CERTIFICATE PROGRAM ON MICRO CONTROLLERS EMBEDDED SYSTEMS	NA	17/06/2020	15	Employability	-
CERTIFICATE PROGRAM ON CIRCUIT SIMULATION USING T-SPICE	NA	01/07/2020	15	Employability	-
CERTIFICATE PROGRAM ON	NA	22/07/2020	15	Employability	-

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BTech	B.Tech (ELECTRICAL AND ELECTRONICS ENGINEERING)	10/06/2019
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	EEE	10/06/2019
BTech	ME	10/06/2019
BTech	ECE	10/06/2019
BTech	CSE	10/06/2019
BTech	AME	10/06/2019
Mtech	Power Systems	26/08/2019
Mtech	VLSI&ES	26/08/2019
Mtech	CSE	26/08/2019
MBA	MBA	26/08/2019

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	206	0

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
PERSONALITY DEVELOPMENT BODY LANGUAGE	25/06/2019	66
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BTech	EEE	36
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes

Parents	Yes
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1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution?
(maximum 500 words)

Feedback Obtained

The college obtains feedback from the students, alumni, parents and employers for the enrichment of curriculum. Students: Any difficulties expressed by the students are noted and the same is duly communicated to the university either through the senior faculty who are members in the various BoSs/syllabus committees etc. or forwarded to the university when suggestions are invited during syllabus revision. Alumni: The alumni of the college who have moved on to industry or for higher studies also give a feedback on how their years in the institution have helped them perform in their places of work/study. The alumni also give constructive suggestions on helping the students achieve greater focus and improving themselves. Parents: The parents' meet conducted by college every semester apart from other issues enables parents to give suggestions regarding the curriculum of their wards. Employers/ Industries: Representatives of various industries give extremely useful feedback regarding the employability of the students and also their expectation from the students during the placement. The opinions of these stakeholders are communicated to the university authorities for necessary improvements. Feedback is collected from the students during the teaching process about the faculty methodology of teaching. At the end of the semester the feedback is analyzed by the HOD and two other senior faculty members and a consolidated report is submitted to the Principal about the concerned teacher's performance. The college conducts parents meet and collects feedback from them to know about academic performance and quality of their wards and to provide constructive suggestions to improve the overall performance and quality of their wards and quality of institution. The college takes exit feedback from recruiters during campus placement and utilizes them to hone up the skills of the students. The College Management takes decisions and policies keeping in view the perceptions of all stakeholders and recommends to the Governing Body. Alumni association of the college has been established which provides feedback about college. They are also extending their activities by interacting with present students by providing suggestions and advise on placement opportunities and what the industry expects from them and what are the skills required in the industry of their domain.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
MBA	Master of Business administration	60	10	10
Mtech	Computer Science & Engineering	18	7	7
Mtech	VLSI & Emdeded Systems	18	10	10
Mtech	Power System	18	8	8
BTech	AME	60	1	1

BTech	CSE	60	26	26
BTech	ECE	60	1	1
BTech	ME	60	5	5
BTech	EEE	60	1	1
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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	1536	120	101	29	10

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
134	134	8	23	15	9

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Yes. Many of the faculties are deputed as mentors at the starting of each semester. The college arranges Orientation Program to the parents and students who are admitted into I B.Tech before the commencement of the classes regarding facilities, faculty expertise, rules and regulations of the college and also share information regarding affiliating university. The students and parents are encouraged to express their expectations and elicit other information during program and provide a platform to access and act accordingly. The requirements of students are identified and addressed at the earliest by way of a strategic approach that involves bridge programs, communication skills, personality development and motivational sessions. Institute has a mechanism which continuously monitors and evaluates the students. The participation of the students in class room discussions, class room seminars, class committee meetings and performance in class tests help to assess their learning abilities and identify slow learners and advanced learners. Encouragement for the advanced learners: In addition to the regular material, add on materials are also provided. They are encouraged to present papers in conferences and to write research articles. Peer teaching and group presentations are encouraged by teachers. Given the lead role to plan and organize fests/events, departmental seminars/ conferences which gives them an opportunity to interact with the academia and industry experts. They are prepared to represent the college during seminars, paper presentations and student fests organized by other colleges. Provide digital library for e Resources to better understanding of complex problems. Motivated to strive for higher goals and provided with additional inputs for better career planning. Initiatives for Assisting slow learners: The academically weak students are identified based on their classroom performance and those students are divided into groups and mentors (faculty members) are assigned to each group right from I to IV year. The mentor provides requisite guidance and assistance by way of arranging special tutorials, video lectures and personal attention by the faculty concerned. The mentor will be in touch with the parents and update the status of their ward. Remedial classes are conducted in courses where failures are more in external examinations. Apart from the conventional teaching, the students are taught using modern teaching aids like LCD, etc. They are provided with question banks, course materials, model question papers and eBooks. Bridge courses are arranged for the lateral entry students in the II year to cope up with regular students.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1756	134	1:13

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
134	134	24	24	9

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
No Data Entered/Not Applicable !!!			
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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
No Data Entered/Not Applicable !!!				
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

The VIET is affiliated institution of JNTUK and follows the evaluation norms of the university. The university has adopted major reform in evaluation by introducing credit based grading system from the academic year 2019-20 and the institute has adopted the same. The College has its own system of continuous internal evaluation of the students within the frame work of university regulations. There is a two stage process at the institution level for continuous evaluation of students: Formative Assessment and Summative Assessment put in place as per the instructions of the University. Formative Assessment: The IQAC mandates the teachers to use classroom tests for the evaluation of students. The College has the practice of conducting Question Answer sessions to understand the learning levels of students and evaluate the concept clarity. Seminars are conducted to assess presentation skills and abilities. Syllabus based quiz to assess the ability to think, connect the concepts and interact with the group. Assignments are given for each unit. Summative Assessment: Continuous assessment in theory subjects: As per the JNTUK regulations, two internal midterm examinations will be conducted. As per R13 Regulation rules, the better performance in either of the examinations is considered for internal marks. As per R16 regulation, the better performance will carry 80 and other one carries 20 of weight age in the total 30 marks allotted for internal tests which include a descriptive examination for 15 marks and an objective online quiz for 10 marks, 5 marks for Assignments and 70 marks for university semester end examinations. Continuous assessment in practical subjects: There shall be a continuous evaluation during the semester for 25 internal marks and 50 semester end examination marks. Out of the 25

marks for internal, 10 marks for day to day work, 5 marks for record and internal test conducted by the concerned laboratory teacher carries ten marks

Continuous assessment in projects: As part of the internal assessment of projects which are done in Final year, college follows the university Framework. Project Review Committee (PRC) is formed for every department consisting of Head of the Department, Project In charge and two senior faculty members. Students are formed into different groups consisting four or five in each. The groups collect and review the literature on a topic and submit the title with objective, plan of action for title approval to PRC. Project Review Committee assesses and approves projects for each group. After obtaining the approval of the PRC, each group is allotted to a faculty member as a Guide for the project and can start the Project work. Review meetings are conducted for the continuous assessment in project. Review 1 covers abstract and block diagram, Review 2 covers implementation and Review 3 covers final results with code. The Institution scrupulously follows the norms set by the University for conducting the internal and external examinations. Out of a total of 200 marks for the project work, 60 marks shall be for Internal Evaluation and 140 marks for the End Semester Examination.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

The institution always respects the idea of effective time management and timeliness. The IQAC prepares the final academic calendar in line with the academic calendar published by the affiliating university prior to the commencement of the forthcoming semester. The activities in the academic calendar include: • Semester commencement date • Registration date • Working days • Test days • Days of course material submission • Department staff meeting • Remedial classes • Field visits/Study tours • Parents meeting • Tentative date of university practical and theory examinations. Extra working days are also provisioned in the academic calendar in order to include the conduct of model examinations. The finalised academic calendar is displayed on the notice boards of the departments and also in the institution website. Any changes in the academic calendar due to the unforeseen developments are communicated to the students. Based on the academic calendar, all the faculty members prepare lesson plans, topics to be handled, and ensure unit wise completion as per internal exam dates. Faculties must strictly adhere to the academic calendar. For any deviation, proper alternate arrangements are done which are also mentioned in the class log book. The Institution sticks to the academic calendar published by the University for Respective Courses which allows the teachers and the students to space out their teaching and learning assessments. The college conducts assessment of students in three different components - Theory, objective and assignments. Theory and objective component is marked out of ten and assignment is marked out of five. These tests are conducted in evenly spaced out intervals avoiding pressure to the students. Every academic year consists of two semesters, each of 16 weeks. The class Test and Lab Tests are conducted in intervals of 8 weeks and 16 weeks of class work respectively. The concerned syllabus is covered and tested within the mentioned time. An average of both these examinations is calculated to attain the final internal marks of the student. These marks are also utilized to decide the course for teaching slow learners and rectify their performance before examination. All question papers are set based on the OBE format mapped with their respective course outcomes. The assignments given to the students involve unaddressed program outcomes for attaining knowledge beyond syllabus but are still relevant. These assignments are completed within the university's timeline. Following the university calendar, every department creates internal calendars to ensure timely delivery of syllabus. These topics and chapters are chosen keeping the upcoming CIE in mind. The students are given plenty of time before the examinations as well to prepare and practice their concepts. In case

of any required change, the university communicates the modification to the college and the college enforces the same. Come what may, the academic calendar is followed scrupulously and respected by teachers of all departments.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<http://www.vietvsp.com/popeo.html>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
24	BTech	B.TECH-AME	5	4	80
02	BTech	B.TECH-EEE	50	37	74
03	BTech	B.TECH-ME	83	62	74
04	BTech	B.TECH-ECE	22	17	77
05	BTech	B.TECH-CSE	28	25	89
68	Mtech	M.TECH-VLSI	18	11	61
58	Mtech	M.TECH-CSE	14	9	64
56	Mtech	M.TECH-PS	12	9	75
0E	MBA	MBA	55	39	71
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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<http://www.vietvsp.com/sss/201920.pdf>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
No Data Entered/Not Applicable !!!				
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3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Seminar on Artificial intelligence	CSE	12/07/2019
Workshop on IPR	MBA	12/09/2019
Guest Lecture on RECENT	ME	27/09/2019

TRENDS IN MANUFACTURING		
workshop on Training in PCB Design and Hardware prototype Design	ECE	25/10/2019
One Day Workshop on INTELLECTUAL PROPERTY RIGHT (IPR)	CSE	04/11/2019
Seminar on MATLAB	ECE	30/11/2019
Seminar on Communication systems	ECE	27/12/2019
Workshop on Internet Things	CSE	02/07/2020

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
No Data Entered/Not Applicable !!!				
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
No Data Entered/Not Applicable !!!					
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
Nil	0

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	ECE	2	5.6
International	CSE	4	5.98
International	EEE	4	5.4
International	ME	6	7.2
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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
EEE	4
ME	6

ECE	6
CSE	4
AME	1
BSH	3
MBA	2
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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
No Data Entered/Not Applicable !!!						
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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
No Data Entered/Not Applicable !!!						
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	10	50	0	0
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3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Environmental Education	NSS Unit, VIET	5	45
Clean the Environment	Collaration with AU	4	52
Blood Donation Camp	AS Raju Blood bank	6	35
Help the homeless	Akshaya foundation	5	38
Organize a Charity event	Akshaya foundation	4	36
Organize a self-defense workshop	Akshaya foundation	4	34

Book Distribution	NSS Unit, VIET	5	32
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
EYE CAMP	Recognition	Shanker eye foundation, Simhachalam .	64
BLOOD DONATION CAMP	Recognition	Rotary club, MVP coloney	53
Fire Precaution	Recognition	Fire deperment , Pendurthi division	52
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
No Data Entered/Not Applicable !!!				
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3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
No Data Entered/Not Applicable !!!			
View File			

3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
No Data Entered/Not Applicable !!!					
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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
No Data Entered/Not Applicable !!!			
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
5000000	3712333

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
No Data Entered/Not Applicable !!!	
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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
CAMU	Fully	ANDROID 1.0	2019

4.2.2 – Library Services

Library Service Type	Existing	Newly Added	Total
No Data Entered/Not Applicable !!!			
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
No Data Entered/Not Applicable !!!			
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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	510	45	45	25	30	25	20	60	0
Added	90	15	15	10	5	10	0	0	0
Total	600	60	60	35	35	35	20	60	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

60 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
NA	NA

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
17500000	1758324	14000000	13825499

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

The college has a dedicated maintenance department responsible for carrying out the duties of Office and is responsible for overseeing the maintenance of buildings, class rooms, laboratories, hostels, cafeterias, sports facilities, utilities, etc. A maintenance committee is constituted at campus and the campus is spread over the wide area of 14.5 acres in 22560 sqmtr oversees the maintenance and upkeep of the physical infrastructure, facilities, green areas etc. The department has qualified and skilled manpower for civil work, electric work, plumbing, carpentry work, horticulture etc. Maintenance of infrastructure facilities, services and equipment's is done as per following details: 1.The infrastructure facilities such as class-rooms, buildings, hostels, green areas, etc. are maintained by the maintenance department in campus. 2. The college has power management department to ensure uninterrupted power supply and maintenance of electrical assets. The maintenance of equipment like Generator Sets, General Lighting, Power Distribution System, etc, is undertaken as per their preventive maintenance schedules, guidelines by the equipment supplier. 3. The maintenance of equipments for water pumping plants, sewage, etc. are undertaken as per their preventive maintenance schedules, guidelines by the equipment supplier. 4. Maintenance of Services: The College provides various services / facilities to the students, faculty and staff and are maintained by respective service providers as per contract: Cafeterias facilities services, Laundry services for the non-residential students of the campus. Further, a fleet of buses, vans and cars are maintained by the transport department of the college. Sports facilities, etc. are maintained by the administration department as per the laid down guidelines. Housekeeping services are outsourced and available on campus 24 x 7. Maintenance of Equipments: The College has laid down guidelines and structure for the maintenance of various types of equipments as under: The College has a dedicated cell to look after the repair, maintenance and upkeep of labs of all teaching and research in their respectable individual departments. Further, major laboratory equipments are under maintenance department (Admin) for their regular preventive and corrective maintenance. Campus Surveillance Cameras, CCTVs, other security equipments are maintained through IT department by the equipment providers Teaching aids such as LCD Projectors, PA Systems, Laptops, Desktops, Printers, Wi-Fi etc. are maintained by IT Helpdesk department. Fire Fighting equipments in various blocks, class-room, labs, hostels, offices, etc. are maintained by Fire Safety Department. The respective departments conduct a periodic audit to ensure timely corrective action for proper functioning of the various equipments gadgets Following SOPs are uploaded as additional information: 1.Sop For Maintaining and Utilizing Library Services 2.Sop for Maintaining and Utilizing Physical, Academic and Support Facilities Such as Teaching And Research, Laboratory and Computer Labs 3.Guidelines for operations maintenance of sports facilities sports complex at VIET college.

<http://www.vietvsp.com>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Scholarship	374	374000
Financial Support from Other Sources			
a) National	Reimbursement	1090	54872600
b) International	NA	0	0
No file uploaded.			

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
No Data Entered/Not Applicable !!!			
View File			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2019	Coaching for Competitive Examinations	228	0	31	6
2019	Carrer counselling	0	228	182	148
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
9	9	7

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
No Data Entered/Not Applicable !!!					
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
No Data Entered/Not Applicable !!!					
View File					

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
Any Other	15
No file uploaded.	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Annual Day	College	72
Sankranthi Sambaralu	College	44
Freshers Day	College	42
National Sports Day	National	38
Freshers day	College	64
No file uploaded.		

5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
No Data Entered/Not Applicable !!!						
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The Institute has an exclusive student counselling cell with professionals. The Cell conducts student counselling as and when required. Slow learning students are identified and counselled regularly for strengthening their will power. Carrier counselling/guidance cell guides students for future development. This helps in reducing the dropouts and improves learning abilities for strengthening the managerial quality of students. The student representatives are included in various bodies/committees of the institute such as Anti-ragging committee, Discipline committee, sexual harassment committee, cultural committee, etc. COMMITTEES AND BODIES: Generally semester topper students of each branch or students having good managerial quality are chosen as student representatives of bodies/committees. The following committees/bodies comprising student representatives are present and students raise their problems with the committees who try to resolve the as per the students requirement. Grievance and Redressal committee: The students develop a responsive and accountable attitude among all the stakeholders to maintain a harmonious educational atmosphere in the institute. Women cell Prevention of Sexual Harassment Cell: The student representatives are made aware to prevent sexual harassment of students, non-teaching staff and the faculty by promoting

gender equality amongst them. Anti-Ragging Committee: The student's representatives are educated by the faculty regarding anti ragging measures and are monitored in preserving a culture of a ragging free environment in the institution. Disciplinary Committee: The committee members maintain discipline in the institution, which includes classrooms, corridors, laboratories, sports ground, canteen and other common areas used by the students. NSS committee: The student representatives along with the faculty motivate the students to participate in different service programs in the institution and nearby villages like Blood Donation Camp, Digital Literacy Camp, etc. Sports Committee: The student representatives along with the faculty motivate the students to participate in indoor and outdoor games like cricket, volley ball, basketball, chess, table tennis and carroms. Cultural and Tech-Fest Committee: The student representatives promote and arrange extracurricular activities with the help of the faculty to organize activities like Teachers' day, Annual day, Tech Fests, Ganesh Puja, Saraswati Puja, Christmas, Eid and Engineers' Day etc. Library Committee: The student representatives ensure the smooth functioning of the library and coordination with all Head of the Department's, faculty and students. SC/ST/OBC and Minor Committee: The student representatives with the help of the faculty are made aware about their reservations and associated benefits. The students are also represented in various departmental activities committees like Newsletter Committee, Innovation Cell, ISTE Club, IETE Society and other professional societies. The college provides a staff advisor to guide the students and facilitate ample avenues for developing technical skills, updating knowledge, personality development and service to the society through various Associations and Societies.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The Alumni of the college has very good impression on the students' community who are pursuing their studies now. All our old students are invited to relive their old memories with their batch mates and seniors and take a walk down the galleries of the college. Generally Speaking, our people are emotionally connected people in this area. They are very much attached to VIET College once they studied in this college. They share their beautiful memories wherever they go. The Alumni of the college during their lifetime occupied important jobs in government administration and research organizations. A good number of alumni are settled and working in different countries. Many alumni became entrepreneurs and promoted companies within and outside the country. The Alumni Association of the college is very active in extending support to the college in all spheres. In fact, every individual department has its own alumni association actively engaged in enrolment of members, persuading them to contribute for the development of the department in all possible ways. The association generally meets once in two years. The association share memories, pictures of their mates and teachers and share their knowledge through various means.

5.4.2 – No. of enrolled Alumni:

32

5.4.3 – Alumni contribution during the year (in Rupees) :

102345

5.4.4 – Meetings/activities organized by Alumni Association :

2

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The college ensures decentralization and thus the staff members at various levels are authorised as delegates for ensuring good governance. The institute promotes a culture of participative management. Leadership in the institute always recognises the significance of the views of all the employees and hence practices this culture meticulously. The HODs are entrusted the responsibilities of organizing workshops, seminars, preparation of class work, distribution of work to the faculty, teaching content beyond syllabus, inclusion of new and innovative experiments, and nomination of faculty members as lab Incharges etc., All the faculty of all branch members meet, discuss, share their opinion and plan to conduct various events on behalf of the institute and committees are formed to conduct the event smoothly. All the staff members of all branches actively participate in implementing the policies, procedures, and framework designed by the management in order to maintain and achieve the quality standards. The outgoing students of our institution are given the recommendation letters or testimonials by the HODs and the faculties. The different levels of participative management are: At strategic level, the faculty members provide inputs of the governing body in raming the policies, procedures, guidelines, rules and regulations and effectively implementing the same to ensure smooth and systematic functioning of the institute. The institution also delegated authority to the Administrative unit of the institution. With the help of various committees. Independently as per the requirements of the students. The administrative unit provides transport facilities for faculty and students. It plans journey routes and takes care of vehicle maintenance. In addition to this, preparation of the academic schedule is done by the HODs in coordination with the faculty members of the all departments. The head of the institution is responsible for academic, non-academic and administrative activities of the institution. The administrative department issue certificates like, Bonafide, attendance, railway concession, etc., This unit also has autonomy in monitoring the functions of canteen, hostel and any other matter related to the students. At functional level the faculty members participate in sharing the knowledge by discussing the latest trends in technology during faculty meeting. They are also encouraged in writing research articles. Faculty members also write research papers as authors and co-authors and share their knowledge. It maintains the store's inventory system and purchase of equipment, passing of bills for payment to the vendors. Staff members are involved in preparation of annual budget of the department. The Governing Body gives suggestions and monitors the attainment, introduction of new programs and welfare activities. At operational level, the Principal of the institution is a Member Secretary of the Governing Body. The budget is allocated for staff members and students to participate in various programmes organized by the institute.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Admission of Students	•A candidate should possess the eligibility of 12 qualification with MPC group from Board of Intermediate,

Government of Andhra Pradesh or any board . • A student to step into four year degree course in Engineering except management quota must qualify in Engineering, Agricultural Sciences and Medical Common Entrance Test (EAMCET), a StateLevel Entrance Test conducted by the Govt. of Andhra Pradesh. • Students who qualify in EAMCET entrance test will be admitted based on merit basis. • The Management admits candidates for the Management and NRI quota based on merit and should possess first class in Subjects: Mathematics, Physics, and Chemistry. • The Convener quota of ECET candidates are admitted 20 of the candidates from the stream of Diploma holders should pass in diploma from SBTET, Andhra Pradesh or an equivalent examination. • Similarly PG studentjoins based on PGCET ICET's.

Industry Interaction / Collaboration

It is also proposed to provide the internship to students to gain hands on work experience that a student will not normally get in a classroom. • Institute has consultancy committee. It has signed MoUs with MNCs / Industries. The cell encourages faculty for industrial training . •It organizes the students' visits to industry and encourages students to take up industry based projects during final year of degree/PG.

Human Resource Management

There is systematic performance appraisal system and systematic promotion policy. • It also conducts the training and induction programs for the employees. • HR management has well defined transparent policies for recruitment based on the merit of the applicant . • HR policy includes support for academic advancement to the faculty to attend seminars, workshops, invited lectures, research activities.

Library, ICT and Physical Infrastructure / Instrumentation

• WiFi enabled campus . • Purchase / salary / leave records of faculty / applying leave etc., fully computerized. • Student records / attendance / internal marks / fee payments / fully computerized. • Correspondence through emails Fully automated, well stocked, airconditioned central library.

Research and Development

Members of faculty mentoring students to transform innovative ideas into products. • Incentives for research

publications and research projects are provided. Incentives for faculty for publishing quality papers / getting funded projects. • Sponsorship to present papers in / attend international / national conferences. • Special incentives for faculty holding Ph. D degrees. • Research committee has been constituted for inculcating research atmosphere and to review the progress of research activities in the campus.

Examination and Evaluation

- Question paper setters for end examination are from outside the college. Evaluation of answer scripts will be done by the external examiners from other colleges and universities. • Students are permitted to request for recounting/ revaluation of the end theory examination answer scripts within a stipulated period after announcement of the results. • After recounting or revaluation, records are updated with changes if any and the student will be issued a revised memorandum of marks. If there are no changes, the student shall be intimated the same through a letter or a notice.
- The method of evaluation involves coding decoding of answer scripts to ensure unbiased evaluation. Evaluation process is transparent. • Institute communicates the outcome of the evaluation by publishing results on the internet through Institute website.
- Internal evaluation is done throughout Semester in the form of mid examinations and assignments. • External evaluation is done at the end of Semester in the form of end examination.

Teaching and Learning

Uploading lesson plan / Question paper keys. • Use of internet, PPT presentation during class room teaching. • Mapping student outcomes / Instructional objectives and programme educational objectives. • Field trips and lab lectures. • Mentoring of students. • Tutorial teaching Implementation of Outcome Based Education. • Identifying content delivery method. • Assessing the students using various evaluation techniques for the attainment of course outcomes. • Guest lecturers given by experts.

Curriculum Development

Structured course file capturing the

performance of the students with respect to course outcomes, course delivery course assessments. • Strictly following to Outcome Based Education principles while setting question papers. While revising Curriculum feedback from stake holders such as experts from academia, industry, alumni, students and senior teachers are considered. Introduced self learning courses for Outcome Based Education. • Industry internships will be given to students. • Appointing industry person and student from alumni as members of board of studies.

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Examination	Entry/Upload of Internal/External Exams Marks, Supplementary of Detained Students, External/Internal Marks analysis reports, Student Registrations for Regular/Supply Exams and Exam fee collection as per Exam schedules.
Planning and Development	Time Table of the faculty, lesson plans, lesson plans, teaching assignments, student feedback against faculty and Analysis of teaching plan.
Administration	Uploading student data to the college website, Creation of Department, Courses and Branches, Device IDs to students for capturing attendance and Fees for courses along with due dates and fines
Finance and Accounts	Bank account transactions, Profit and loss statement, Day Book and cashbook maintenance, Creation of Revenue Expenditure Heads, Fee refunds to students and Headwise Revenue Expenditure reports.
Student Admission and Support	Admission Register, Re admission of detained students, Import of students data from Excel sheet, castes, Sub castes and Scholarship details of students.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
No Data Entered/Not Applicable !!!				
View File				

6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
No Data Entered/Not Applicable !!!						
View File						

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
No Data Entered/Not Applicable !!!				
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
134	134	62	62

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Free Lunch, Transport Free Lunch, Transport Scholarships for poor facility, Maternity and Paternity leave	Mternity and Paternity leave facility,Provident Fund,Support for Professional Education of childrens of Non-Teaching Staff	Scholarships for poor and Merit students,Soft Skills Programme,Free competitive Coaching Classes,Special Employability Enhancement Classes

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

Internal Audit was conducted by higher officials from Management time to time and the updated reports are obtained before the external audit. Which was normally done after the closure of the accounts in all respects. External Audit is done by the constitutional Auditors after 30th June of the subsequent year (2019-2020). During the course of Internal Audit, all required steps are taken to regularise the accounts and to obtain confirmations for the credit balances, to collect documentary evidences wherever inadequate in respect of payments, compliance of T.D.S. and Statutory Formalities and Reconciliation of Unit wise balances with the Control Accounts and Bank.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose

NA	0	NA
No file uploaded.		

6.4.3 – Total corpus fund generated

950000

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Fact Finding Committee, JNTUKK	Yes	IQAC
Administrative	Yes	Fact Finding Committee, JNTUKK	Yes	IQAC

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

Parents are regularly intimated about the attendance and progress of their wards by via SMS and postal, telephonic correspondence. Informal meetings are being conducted to identify the issues related to students. Feedback from the parents is collected and it is analyzed for taking measures further. Departments organise a one to one dialogue with parents whose children need further support and counselling services to enhance their performance. Providing valuable suggestion for development of the institution Pointing out the weaknesses of the college related Departments and suggesting rectification. Communicating views which the students feel shy to communicate directly to the teachers about the college and the department.

6.5.3 – Development programmes for support staff (at least three)

Training programmes are conducted on regular basis either by the faculty on by the technical people from the equipment / instruments suppliers to upgrade their skills in handling and maintaining them in laboratories. • Supporting staff are encouraged to continue their education for improvement of their qualification. • Promoted to suitable next level as per qualification and skill. • Personality development and Stress free programmes are conducted. •Computer Training of the office staff so that they are able to handle the online admission and registration of students.

6.5.4 – Post Accreditation initiative(s) (mention at least three)

1. Remedial classes are taken for the back learners. For advanced learners, web resources are suggested and book bank facilities are provided. 2. Information and Communication Technology (ICT) thrust in teaching learning be enhanced. At least one Lecture Hall/Seminar Hall in every Department be equipped to be a e-class room, motivating/facilitating the faculty for intensive application of I.C.T. Internet reference facility in the Library deserves substantial expansion. 3. Faculty shortage in some of the Departments, particularly in the newly started Centres of emerging areas, be remedied expeditiously. Programmes started with a lecturer as the nucleus generally fail to take off on account of lack of academic leadership. 4. The student support services such as grievance redress al, placement services, and special support (by way of cross subsidy) to the deserving weaker students in the high fee/self-financing programmes be given due emphasis.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	No
d) NBA or any other quality audit	No

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
No Data Entered/Not Applicable !!!					
View File					

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
International Womens Day	26/08/2019	26/08/2019	54	12
Equal Education Unequal pay	02/03/2020	03/03/2020	49	15

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
60

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	7
Provision for lift	Yes	0
Ramp/Rails	Yes	11
Braille Software/facilities	No	0
Scribes for examination	Yes	3
Special skill development for differently abled students	Yes	0
Any other similar facility	Yes	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address	Number of initiatives taken to	Date	Duration	Name of initiative	Issues addressed	Number of participating students
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	locational advantages and disadvantages	engage with and contribute to local community				and staff
No Data Entered/Not Applicable !!!						
View File						

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
HR Policy	10/06/2019	http://www.vietvsp.com/about/hrpolicy.pdf

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Pooja celebrations	05/10/2019	05/10/2019	46
Tree plantation drive	20/01/2020	20/01/2020	53
No file uploaded.			

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1.Tree Plantation 2.Rain water Harvesting to minimize water wasting. 3. Arrangements for proper garbage disposal by providing dustbins at different places. 4. provided Drip irrigation system to save water. 5. provided Solar Panels to minimize electric consumption.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice-1: Mentoring System Objectives: Assist students in identifying professional paths and in their personal development. Give students the opportunity to develop and practise professional networking skills. Give pupils the knowledge and resources they need to make ethical and well-informed decisions. Develop students into self-assured graduates who possess exceptional leadership, communication, critical thinking, professionalism, and other transferable abilities. Assist students in identifying and pursuing job possibilities connected to their degrees. The Context: Engineering colleges typically differ in terms of the environment they provide to newcomers. Students from affluent families have never been exposed to such a wide range of challenging work environments. The pressures of performance, social troubles, anxiety, and stress can lead to a confused state of mind, causing them to underperform academically, which can have a long-term influence on their future career. It has been found that teenagers often hesitant to tell their parents about their personal concerns. This is where the mentor comes in handy. A mentor is someone who befriends someone and lends an ear to listen to their problems and offer solutions. The mentor-student connection is built on trust, which allows even the most reticent students to open up, raise their morale, and lead them to overcome their anxieties and tackle problems in both their personal and professional lives. The Practice The mentor meets with his students on a regular basis to discuss a variety of personal and professional difficulties. The meeting frequency can be set according to a timetable or the demands of the pupils. The performances are recorded for analysis and improvement suggestions are made. Students may be urged to seek help from the appropriate subject faculty if they are having issues with a specific subject.

Personal issues are handled with care in order to protect the individuals privacy. If the case warrants, the parents may be included in any of the discussions. Mentors assist students in identifying professional paths and supporting their personal development. Students can develop and practise professional networking skills with the help of mentors. Mentors equip students with the knowledge and tools they need to make ethical and well-informed decisions. Mentors keep students up to date on job-related skills and activities. So that students develop into self-assured graduates with strong leadership, communication, critical thinking, professionalism, and other skills necessary for success in the workplace. Mentors assist students in identifying and pursuing job possibilities linked to their degrees. All of the faculty members are enrolled as mentors for some students, and any interactions the mentors have with the students are recorded in a Mentoring excel sheet, which is then reviewed by the institutions head mentor. Evidence of Success One of the first steps toward the systems effectiveness is for students to open up and talk about their problems. The influence of proper advice on a students enhanced confidence, performance, interaction, and attendance in class and examinations is a symptom of the influence of proper guidance. Finally, the most encouraging sign of a facultys accomplishment is a students bright future being envisaged and coming to terms with it. After the Mentoring system was implemented, the percentage of placements increased. Problems Encountered Any of the following issues could prevent the process from being implemented: There are no protocols or guidelines governing the training process. There is a lack of experience in the field of counselling. Academic timetable is really hectic.

Moral principles and familial norms that have been passed down through the generations. Participants give up because they are unsure of what is expected of them. Mentees Do Not Acquire the Knowledge They Require. Resources Required: To handle the assignment, youll need well-trained faculties. Time has been set out specifically for such activities. To conduct the process, a private room is given. Provisions for students to be exposed to technical, co-curricular, and extracurricular activities both inside and outside the university. BEST

PRACTICE-2: ICT APPLICATIONS TO ACADEMIC FUNCTIONS Objectives: ICT is used to achieve the following objectives. (i)To improve learning, teaching, and research by supplementing learning resources. (ii)To improve the efficiency of the knowledge delivery system in the classroom. (iii) To improve the efficiency and transparency of the administrative process (iv) To address the concerns of students and other stakeholders who are located in remote areas Context: ICT is

such a powerful and prospective instrument that it has impacted every aspect of life, making it the mother of the third revolution, following the agricultural and industrial revolutions. ICT has greatly increased access to knowledge resources, which was previously relatively limited it has improved teaching and knowledge delivery it has sharpened research approaches and it has greatly increased administrative efficiency and transparency. Practice: The Institute views ICT infrastructure as a critical component and is committed to ensuring that students, faculty, and non-teaching staff have equitable access to it for learning, teaching, research, and administrative purposes. To that purpose, the institute has been expanding its ICT infrastructure to meet its expanding

academic and administrative requirements. The Institute is constantly developing and upgrading its ICT infrastructure by replacing obsolete hardware and software and adding new hardware and software to meet the needs of newly announced programmes and courses. The following activities demonstrate the usage of ICT: i) Campus Network: A robust Campus Wide Network has been established with internet points located throughout the campus, including classrooms equipped with PCs, LCDs, projection screens, and other electronic gadgetry for PowerPoint presentation delivery, faculty rooms with facilities for internet surfing and lecture preparation, and administrative units with facilities for discharging administrative duties. ii) Augmentation of Learning Resources: The use of ICT has greatly increased the number of learning

resources available. Faculty and students, for example, get access to full text e-journals and five databases via internet laboratories and faculty PCs/laptops in their rooms, which are paid for by UGC and institute funding. Moreover, the Library Portal has been linked to thousands of Open Access e-Resources. iii)

Evidence of Success: As a result of using these facilities, faculty and students have been able to develop productive thinking skills, scientific method and experimentation skills, written and oral communication skills, and have presented their skills at various conferences, as well as participate in and present research papers at various international and national seminars, workshops, and conferences. Various prestigious institutes have awarded participation and appreciation awards to the faculties and students. The impact of ICT on classroom teaching can be evident in terms of effective knowledge delivery, faculty submission of a greater number of research projects, and successful, on-time declarations. Problems Resources: In education, ICTs are utilised in two ways: to support existing conventional educational techniques (faculty-centric, lecture-based, rote learning) and to enable more learner-centric, constructivist learning models. The most important component in ensuring that faculties ICT abilities continue to develop is for them to have regular access to working and relevant ICT equipment. Faculty training and professional development demands are increased as a result of effective ICT use in education. ICTs, on the other hand, can be useful tools for meeting these increased needs by facilitating access to more and better educational content, providing models and simulations of effective teaching practises, and enabling learner support networks, in both face-to-face and distance learning environments, and in real-time or asynchronously. The main impediments were a lack of passion, a shortage of trained ICT personnel, and a lack of financial resources. The lack of excitement among faculty members was remedied by establishing ICT training programmes. The usage of ICT was met with strong opposition from non-teaching employees. This could have been due to the staffs lack of trust in their ability to adapt to new technologies. The institute took confidence and capacity building steps by hosting computer appreciation and advanced programmes on a regular basis.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<http://www.vietvsp.com/sss/BestPractices.pdf>

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

VIET established in 2008 to enable the rural students to pursue technical education Which help them to get sound technical knowledge and a decent job each student. The campus also enables students to pursue different courses and study well under the guidance of our well trained faculty members to reach their goals in the life. As the most of our students coming from rural background, we teach them bilingual way to make them understand the subject in a better way. We are taking confidence building measures among students and faculty members by conducting seminars, workshops career guidance programs with suitable expertise from various quarters of of industrial world. We inculcate moral values and spiritual knowledge by conducting Yoga and meditation classes. We regularly organise inter college games and sports events, cultural programs, quizzes and oratory competitions to enhance our students competitive spirit. Our campus has vast playground, green belt, internal roads, best hostel, healthy food, and canteens create ambient atmosphere. We provide safe and secure Transportation facility to our students and faculty members. We take our students to industrial and project sites twice in a year to induce curiosity and practical knowledge. We have environmental friendly amenities in our campus

like solar power system to minimize dependency on electricity, we have drip system to water our gardens and plantation to save water. We grow different species of trees, plants and crotons to enhance a balanced ecosystem in the campus We invite best companies to conduct campus drives to fulfill the dreams of our students. With the above mentioned merits of our campus, We believe that we have distinctive vision and priorities in reaching requisite career goals of our students. We promise that we constantly strive for maintaining quality education, values and the strength of our noble service to the academic world.

Provide the weblink of the institution

<http://www.vietvsp.com/>

8.Future Plans of Actions for Next Academic Year

1.To improve number of placement opportunities for students through placement cell by conducting campus drives. 2.To conduct more number of Faculty Development programs to enhance the skills of faculty members. 3.To take membership for faculty members in reputed professional organizations to present, publish technical papers. 4. To be part of IBM skill build program. 5.To create completely Eco friendly environment in the institution.