



SELF STUDY REPORT

FOR

1st CYCLE OF ACCREDITATION

SHREE VENKATESHWARA HI-TECH ENGINEERING COLLEGE

SRI KALAIVANI NAGAR, ERODE-SATHY MAIN ROAD, OTHAKUTHIRAI,
K.METTUPALAYAM (POST), GOBICHETTIPALAYAM (TALUK), ERODE
(DISTRICT) - 638455.

638455

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Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Shree Venkateshwara Hi-Tech Engineering College, SVHEC, is an institution for achievers. The College is located in a serene atmosphere at Gobichettipalayam, Erode District in the State of Tamil Nadu, India. It is a private self-financing engineering institute. The college is approved by AICTE and affiliated to the Anna University, Chennai. The College was founded by Shree Venkateshwara Educational and Charitable Trust in the year 2008 with the clear vision that it would pursue excellence in all its activities and with the mission that it would produce competent professionals with social responsibility through quality technical education and innovative teaching. The college also imparts professionalism and critical thinking in students and prepares them for a dynamic engineering career. It equips students to uphold academic excellence and become technically competent. The college offers five under graduate BE courses, five post graduate ME courses and an MBA course.

The college has well qualified, competent and dedicated teachers. All members of the faculty are actively engaged in imparting quality education as well as in their improving own capacity by participating in seminars, conferences of latest topics.

The college aims at sensitizing the students on socio – economic issues with emphasis on gender and human rights as well as environmental issues through extension activities and also by introducing the students to various co –curricular and extra – curricular activities like literary activities, cultural activities, sports and games etc., so that they can become liberal thinkers with democratic ideas.

Vision

To become a premier technical institute by producing value based competent professionals with scientific temper, team spirit and ethical values.

Mission

- To excel as a centre of excellence by providing quality technical education through innovative teaching learning process with state-of- the-art infrastructure and laboratories.
- To produce competent professionals by inculcating employability skills, leadership skills, communication skills with social responsibilities and ethical values.
- To perform quality research that advances science and technology while preparing researchers to find solutions for complex technological / engineering problems related to industry and society.
- To provide holistic learning ambiance that will stimulate students of highest caliber.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- Very attractive location and good visibility.
- Good connectivity by the state high way road.
- Certified with ISO 9001:2015.
- Operates a fleet of buses for the benefit of both students and staff.
- Well planned buildings with adequate floor space in excess of norms for classrooms, Labs and common areas.
- All the buildings are well ventilated, illuminated and are accommodated with staff rooms and boys and girls common rooms.
- Well furnished seminar halls and an auditorium.
- Signed MOUs with reputed industries.
- Well established placement centre that provides training for students from I to IV year to ensure their overall development.
- Good academic environment with good discipline and no fear of ragging or any other disruptive behaviors.
- Well equipped library, well supportive to the student and faculty and provides access to e-journals, NPTEL sources and other e-learning resources.
- Faculty is encouraged to participate in various academic activities.
- Student chapters of professional clubs are very active.
- Practice of conducting Project exhibition helps students to exhibit their talents and sound knowledge. Students also participate in seminars, workshops and guest lectures.
- Beginning everyday with meditation and prayer in the morning.
- Good canteen facility that supports the catering needs of students and staff.
- Good hostel facility for both boys and girls within the campus.
- The NSS wing is vibrant and sensitizes students to social responsibility as well as Swatch Bharath Abhiyan.
- The dedicated management is committed to provide quality education to students of rural areas.

Institutional Weakness

- The admission figures are reducing year after year with the advent of new engineering colleges and autonomous institution nearby.
- TNEA low rank students seek admissions.
- It is very difficult to retain teaching faculty since the college is located in a rural area.
- Industry institute interactions and consultancy opportunities are limited since it is in rural area.
- Majority of students admitted are from regional medium and hence they lack in English proficiency.
- Industry Supported Research and Testing Laboratories need to be increased.
- Utilizing Alumni for the overall development of the college needs to be improved.
- The research infrastructure has to be developed and more funded projects need to be obtained.
- Being a Self-Financing Institution, the institute gets no funds from Government.
- Economically weak students are unable to cope with the expenses for training and other certification programmes.
- Sports infrastructure needs improvement

Institutional Opportunity

The institute can,

- Become a centre of excellence in technical education.
- Become a centre for research; consultancy and appropriate technology, since a good number of faculty members are pursuing Ph.D.
- Encourage Interdisciplinary research among students & faculty.
- Create a good opportunity to apply and get accredited from NAAC and NBA to become Autonomous.
- Strive for improving both quality and quantity of admissions.
- Concentrate on branding and creating an image as one of the good institutes in the vicinity
- Enhance the existing ICT facility.
- Encourage faculty to write a number of project proposals and submit to the funding agencies.
- Motivate students & faculty to publish their research papers in impact journals.
- Embark on more green energy initiatives for sustainable development.
- Empower all the faculty members to undertake consultancy and testing activities.
- Educate students to do industrial projects and prepare for TANCET, GATE, BEC and aptitude examinations.
- Introduce curriculum beyond syllabus to help students to improve their employability skills and get placed in Multi National Companies.
- Sign more Memorandum of Understandings (MoUs) with core industries.

Institutional Challenge

- Combat with the falling admissions.
- Strive for improving the student quality.
- Put efforts in enhancing and transforming the student internships to placements.
- Enhance students skills through additional measures as per the continuous changing requirements of the industry.
- Faculty migration.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

Our institution follows the Curriculum and Syllabi prescribed by the Anna University (Affiliated Colleges). Steps that are followed by the institution to ensure content delivery are as follows:

- Pre-planned preparation of lesson plans, Time Table and Academic Calendar
- Choice Based Credit System introduced in 5 UG programs and 6 PG programs from the academic year 2018-19.
- Conducting periodical meetings like Hods meeting, staff meeting, class committee meetings etc.
- Course delivery as per lesson plan and completion of syllabus monitored by HOD.
- Encouraging the faculty to keep themselves updated by offering refresher courses, faculty development programmes and workshops.
- Mentor system 15-20 students are assigned to each faculty as mentor to support in academic and personal empowerment.
- Digital library with e-books & e-journals available for both students and faculty.
- Inviting suggestions and feedback from students and faculty.

Teaching-learning and Evaluation

The institute is a part of single window process conducted by the government of Tamilnadu. The reservations are strictly followed as per the admission procedures and norms of Anna University, Chennai. The students are admitted from different categories and from different states. As the College is located in a rural area, students come from the neighboring villages. The institute has well defined system to identify and respond to the learning needs of students. They are categorized as slow learners and advanced learners, in order to bridge the gap between existing skills and required competencies. Appropriate teaching methods such as lecture with ICT, case studies, assignments, industrial visits, guest lecturers etc. are adopted for the benefits of students. Extra remedial classes are organized for slow learners. The Evaluation reforms brought out by the Anna University are followed strictly by the institute. The college has a transparent, time-bound and efficient mechanism to deal with examination related grievances. Students' feedback on teaching and learning are collected periodically to improve the teaching methodology of respective faculty members.

Research, Innovations and Extension

Shree Venkateshwara Hi-Tech Engineering College is committed to provide long term research in the emerging areas of engineering and technology. Students and faculty carry out many research projects in the thrust areas of engineering. The outcome of research is to develop new services or products, or improving existing services or products. The institution also provides incentives to teachers and students for their commendable projects.

The institute is provided with state-of-the-art laboratories, specialized equipment, adequate infrastructure, including campus-wide networking and high-speed internet access.

Shree Venkateshwara Hi-Tech Engineering College started the "Incubation Centre" for nurturing and overseeing innovation and entrepreneurship. The aim is to encourage entrepreneurship among locals with the college serving as focal point. It is a platform for nurturing, encouraging and developing innovation and entrepreneurial skills among students, research scholars, alumni, as well as students of the region

The main objectives are:

- To Create jobs, wealth and business aligning with national priorities.
- To promote new technology/knowledge/innovation based startups.
- To provide a platform for speedy commercialization of technologies developed by the host institution or by any academic/technical/R&D institution.
- To build a vibrant startup ecosystem, by establishing a network between academia, financial institution, industries and other institutions.

Extension activities

Shree Venkateshwara Hi-Tech Engineering College is actively involved in the extension activities of the neighborhood community development by conducting various social welfare activities regularly. The NSS Unit, YRC, RRC and other clubs of our College are vibrant in community development activities.

The college NSS unit organizes many programmes along with non government organizations in and outside the college for the benefit of the nearby community. This helps the institution to get their perceptions about overall performance and quality of the institution.

Every student is encouraged to become a member of NSS/Clubs for participation in extension activities.

Infrastructure and Learning Resources

- The management very firmly believes that good teaching learning process requires ideal conditions. So, the institute has made it a policy that no compromise should be made in establishing infrastructural facilities and accordingly developed the infrastructure available is in line with the norms laid down by AICTE and Anna University.
- The physical facilities comprise of ICT classrooms, laboratories, Auditorium, Seminar Halls and Conference hall, Placement cell, sufficient space for outdoor & indoor sports activities, related academic and administrative rooms.
- The computer facility in the campus are connected by LAN and Internet connection is distributed across the college through Wi-Fi network with Wi-Fi access point installed at different places to cover the wireless range.
- The Library is equipped with excellent collection of books, journals, e- book ,e- journals and non-book materials in science, engineering, technology, humanities, management and general for the welfare of the students. The library possesses books related to competitive exams.
 - Maintains separate collections of reference books, standards, bound volumes of journals, technical reports, theses, video cassettes and compact discs. The library is using Campesi LIB OPAC (Online Public Access Catalogue).
 - The users can search with Online Catalogue by author's name, title, subject and keywords available. A modern digital library network with high speed internet access is also housed in the premises.
- The college has established systems and procedures for maintaining both physical and academic supporting facilities with a team.
- Electrical section takes care of Installation of new electrical appliances, electrical maintenance, power consumption and energy monitoring, generator maintenance and energy conservation.

Student Support and Progression

- The institute trust provides scholarships for the meritorious as well as economically weak background students. The institute provides excellent additional skill sets like Competitive exams, Career guidance and training classes, Soft Skills, Remedial coaching classes, Language Laboratories, Bridge courses, Hardware training, Incubation centre ,Yoga, Personal Counseling etc. beyond the academics. Counseling facilities are also provided to the students for their academic weakness. The percentage of student passing has optimistic trends and majority of the students are placed in reputed core industries with good salary. The institute conducts employability and enrichment programme for professional development and aptitude development. It motivates students to pursue higher education. Significant number of students participate in sports and extracurricular activities. Students take earnest interest on visiting industries. An effective and motivating alumni association works vibrantly with fullest of interest in helping the institution to reach greater heights.

Governance, Leadership and Management

- The mission and the vision of the College are achieved through good governance, able leadership and

effective management.

- The college promotes a culture of decentralization and participative management through various academic and administrative committees.
- The Principal helps in governing and managing the college through IQAC and other college committees.
- Governing Council (GC) of the college meets twice in a year to discuss and come to a consensus on the administrative and academic functions of the college.
- The Principal of the institution, heads of the department and administrative setup. HoDs plan the Annual Budget of respective departments.
- The Institution has a well defined Academic Committee headed by Principal, Academic Coordinator etc., with participation of some external experts to execute approved resolution of the governing body and its requirements for the satisfaction of stakeholders. The committee meets twice in a year. IQAC is formulated as per the norms and all quality relevant activities are assessed and monitored semester wise through Academic Audit conducted by the Auditors of IQAC.
- Various committees, councils, clubs, associations and cells are constituted and they function with defined goals and responsibilities.
- Various committees headed by senior faculty members are formed by the Principal. These committees help in decentralizing work and ensure collective responsibility among faculty.
- Welfare measures are provided for both teaching and non-teaching faculty members for their academic excellence and professional development.
- A well-defined system for faculty appraisal is followed in our institution.
- External and internal financial audits are conducted periodically and appropriate strategies are developed based on the audit report.

Institutional Values and Best Practices

Some of the best practices followed at our Institution to improve values and qualities are listed below.

- Shree Venkateshwara Hi-Tech Engineering College gives equal opportunity for employees. It gives priorities to women in all its activities.
- The institute keen on providing safety and security for girl students and women employees. The college also has a separate common room for boys and girls.
- A dedicated 'Centre for Women Welfare, Safety and Progress' is constituted in the campus to take care of women welfare.
- As a part of education, the institute always focuses more on safety facilities like CCTV, fire extinguisher etc.
- Environmental issue is given immense importance in the college. Carbon neutrality is taken care of by maintaining good green cover inside the campus. Plantation is done in and around the campus. College provides bus facility and has pedestrian friendly roads. The college works towards plastic free campus and paperless office.
- For better utilization of natural resources, Rain water harvesting system is constructed.
- The institute takes initiatives and serves as a focal point to conduct various socially relevant programs for the benefit of the local community.
- The institute has a code of conduct book for staff and administrators. The HR Policy explaining service rules, leave policy and procedures of administration consists of the code of conduct for staff. The code of conduct for students is made available in the college calendar.
- The institute follows a set of procedures for maintaining transparency in all its financial, academic and

administrative activities.

- The Institution follows best practices such as mentoring system, placement training etc.,

NAAC

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	SHREE VENKATESHWARA HI-TECH ENGINEERING COLLEGE
Address	Sri Kalaivani Nagar, Erode-Sathy Main Road, Othakuthirai, K.Mettupalayam (Post), Gobichettipalayam (Taluk), Erode (District) - 638455.
City	ERODE
State	Tamil Nadu
Pin	638455
Website	www.svhec.com

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	P.thangavel	04285-266199	9715997777	04285-266133	principal312@gmail.com
IQAC / CIQA coordinator	S.prakasam	04285-266188	9865066242	-	sphodmech@gmail.com

Status of the Institution	
Institution Status	Private and Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular Day

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details				
Date of establishment of the college		01-01-2008		
University to which the college is affiliated/ or which governs the college (if it is a constituent college)				
State	University name	Document		
Tamil Nadu	Anna University	View Document		
Details of UGC recognition				
Under Section	Date	View Document		
2f of UGC	04-02-2014	View Document		
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	10-04-2019	12	

Details of autonomy	
Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?	No

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	Sri Kalaivani Nagar, Erode-Sathy Main Road, Othakuthirai, K.Mettupalayam (Post), Gobichettipalayam (Taluk), Erode (District) - 638455.	Rural	10.41	29213.91

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BE,Mechanical Engineering	48	HSC DIPLOMA	English	120	41
UG	BE,Computer Science And Engineering	48	HSC DIPLOMA	English	60	31
UG	BE,Civil Engineering	48	HSC DIPLOMA	English	60	13
UG	BE,Electrical And Electronics Engineering	48	HSC DIPLOMA	English	60	38
UG	BE,Electronics And Communication Engineering	48	HSC DIPLOMA	English	60	20
PG	ME,Mechanical Engineering	24	BE	English	24	8
PG	ME,Computer Science And Engineering	24	BE	English	24	2

PG	ME,Civil Engineering	24	BE	English	24	12
PG	ME,Electrical And Electronics Engineering	24	BE	English	24	0
PG	ME,Electronics And Communication Engineering	24	BE	English	18	1
PG	MBA,Master Of Business Administration	24	ANY UG DEGREE	English	60	27

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	0				0				0			
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	6				5				101			
Recruited	5	1	0	6	4	1	0	5	73	28	0	101
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				20
Recruited	16	4	0	20
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				19
Recruited	19	0	0	19
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.	5	1	0	1	1	0	0	0	0	8
M.Phil.	0	0	0	2	0	0	6	6	0	14
PG	0	0	0	1	0	0	67	22	0	90

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	Others	Total
		0	0	0

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

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	101	0	0	0	101
	Female	42	0	0	0	42
	Others	0	0	0	0	0
PG	Male	11	19	0	0	30
	Female	10	10	0	0	20
	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	32	74	74	56
	Female	17	63	77	53
	Others	0	0	0	0
ST	Male	0	0	0	2
	Female	0	1	0	1
	Others	0	0	0	0
OBC	Male	78	73	61	103
	Female	35	39	44	54
	Others	0	0	0	0
General	Male	21	28	44	97
	Female	10	11	7	9
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		193	289	307	375

Extended Profile

1 Program

1.1

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

Response: 804

File Description	Document
Institutional Data in Prescribed Format	View Document

1.2

Number of programs offered year-wise for last five years

2018-19	2017-18	2016-17	2015-16	2014-15
11	11	11	11	12

2 Students

2.1

Number of students year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
1273	1403	1590	1794	1888

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 the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
421	462	667	675	709

File Description	Document
Institutional data in prescribed format	View Document

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

2018-19	2017-18	2016-17	2015-16	2014-15
366	511	461	541	483
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**

2018-19	2017-18	2016-17	2015-16	2014-15
128	203	226	209	196
File Description		Document		
Institutional Data in Prescribed Format		View Document		

3.2**Number of sanctioned posts year-wise during the last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
128	203	226	209	196
File Description		Document		
Institutional data in prescribed format		View Document		

4 Institution**4.1****Total number of classrooms and seminar halls****Response: 44****4.2****Total Expenditure excluding salary year-wise during the last five years (INR in Lakhs)**

2018-19	2017-18	2016-17	2015-16	2014-15
453.47848	445.99644	583.97061	654.43410	652.73963

4.3

Number of computers

Response: 380

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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:

Shree Venkateshwara Hi Tech Engineering College is affiliated to Anna University, Chennai and follows the curriculum and syllabi prescribed by the University. The institution has devised various strategies to ensure outcome based learning, for strengthening the teaching learning process. They are as follows:

- The institution develops academic calendar based on Anna University academic schedule.
- Department academic schedule is prepared in alignment with the Institution calendar and it includes department activities such as guest lectures, seminars, workshops, symposiums, conferences, activities of various clubs, industrial visit/training, value added courses etc.
- Subject/course allocation based on faculty preference, competence / experience and university syllabus is done through a formal staff meeting chaired by HoD, well before the beginning of the semester.
- Institution practices outcome based education (OBE) while planning and delivering the content. The faculty members prepare the course plan based on the academic calendar to complete the syllabus as per the frame work.
- Course plan is prepared with well defined course objectives and outcomes, subject notes, learning materials like NPTELs, Usage of ICT tools and manuals for conducting laboratory experiments.
- Before the commencement of academic classes, department meeting is conducted in the presence of HoD and faculty members to ensure the availability of academic documents related to the respective subjects and laboratories for effective curriculum delivery.
- Course files are prepared by all faculty members which include Institute and Department Vision, Mission, PEOs, POs, PSOs and COs, CO-PO(s), CO-PSO(s) Mapping & Attainment, Syllabus, Course Plan, Portions covered and Internal Assessment details etc.,
- Various Innovative Teaching and Learning methodologies are adopted by the faculty members to create the best learning environment for students.
- Class committee meetings are conducted for every semester before the internal assessment to ensure effective teaching and learning process.
- Remedial coaching classes are conducted academically for slow learners to prepare them for University Examination.
- Continuous assessment for laboratory work is done on the basis of viva-voce questions and practical performance of the students.
- Visits to industries are done periodically for enhancing students practical knowledge.
- Guest lecturers (industrialists/academicians) are arranged to deliver content beyond the syllabus for knowledge enhancement. Value added courses are organized for bridging the gap between Industry and Academia.
- Students are encouraged to participate in workshops, seminars and technical symposiums.
- Well-equipped digital library with access to e-journals, NPTEL are provided for both students and faculty.

- Institution always encourages and supports the faculty members to attend FDP/workshops to enhance their knowledge on current technologies.
- Effective Mentoring system is followed to enhance students academic performance and personality development.
- Academic feedback is taken from students twice in a semester on the basis of various parameters to improve teaching learning process. Feedback is communicated to the faculty concerned for necessary corrective measures.

File Description	Document
Link for Additional Information	View Document

1.1.2 Number of certificate/diploma program introduced during the last five years

Response: 67

1.1.2.1 Number of certificate/diploma programs introduced year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
14	14	13	13	13

File Description	Document
Minutes of relevant Academic Council/BOS meetings	View Document
Details of the certificate/Diploma programs	View Document

1.1.3 Percentage of participation of full time teachers in various bodies of the Universities/ Autonomous Colleges/ Other Colleges, such as BoS and Academic Council during the last five years

Response: 0

1.1.3.1 Number of teachers participating in various bodies of the Institution, such as BoS and Academic Council year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	0	0	0

File Description	Document
Details of participation of teachers in various bodies	View Document

1.2 Academic Flexibility

<p>1.2.1 Percentage of new Courses introduced out of the total number of courses across all Programs offered during last five years</p> <p>Response: 36.44</p>	
<p>1.2.1.1 How many new courses are introduced within the last five years</p> <p>Response: 293</p>	
File Description	Document
Minutes of relevant Academic Council/BOS meetings.	View Document
Details of the new courses introduced	View Document
Any additional information	View Document
<p>1.2.2 Percentage of programs in which Choice Based Credit System (CBCS)/Elective course system has been implemented</p> <p>Response: 100</p>	
<p>1.2.2.1 Number of programmes in which CBCS/ Elective course system implemented.</p> <p>Response: 11</p>	
File Description	Document
Name of the programs in which CBCS is implemented	View Document
Minutes of relevant Academic Council/BOS meetings.	View Document
Any additional information	View Document
<p>1.2.3 Average percentage of students enrolled in subject related Certificate/ Diploma programs/Add-on programs as against the total number of students during the last five years</p> <p>Response: 70.4</p>	
<p>1.2.3.1 Number of students enrolled in subject related Certificate or Diploma or Add-on programs year-wise during the last five years</p>	

2018-19	2017-18	2016-17	2015-16	2014-15
1023	1002	930	1245	1366

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

1.3 Curriculum Enrichment

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

Response:

Being an affiliated college, Shree Venkateshwara Hi-Tech Engineering College meticulously follows the curriculum prescribed by Anna university, Chennai. The university integrates cross-cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics into the curriculum.

Gender Equality:

- Gender equality and equal opportunity for women is necessary for an institution.
- Every activity provides equal opportunity for the development of the girl students and the female faculty.
- The Women Empowerment Cell is constituted by female faculty members.
- The cell interacts with girl students at regular intervals to identify any sort of issues existing.
- Women development seminars are conducted, with lady police officers, doctors, and lawyers as chief guests. These guests deliver special lectures with interactive sessions on gender equality.
- The Grievance Redressal Cell is established to ensure transparency in admissions and with a paramount objective of preventing unfair practices. It is a mechanism to provide redressal to grievances of innocent and aggrieved students.
- The Internal Complaints Committee is framed for prevention of sexual harassment of women and girls at campus.
- The institute creates awareness about the Kavalan app to extend help to girl students and the female faculty.

Environment and Sustainability:

- Environmental Science course is offered to all branches of Engineering in 2013 and 2017 regulations.
- The course focuses on Environment, Ecosystems and Bio-diversity. It addresses on control of environmental pollution and conservation of natural resources. NSS students, along with other college students, participate in tree plantation and Swatch Bharat programs.
- The course gives awareness to students about the importance of preserving the environment and

prevent the plastic waste from entering the environment.

- The Institution has implemented Rainwater harvesting for collection and storage of rainwater to reuse on site, rather than allowing it to run off.
- The institution also celebrates days of environment and sustainability importance like Global Warming Day, World Ozone day etc.,

Human Values:

- Human values help us to live in harmony with the world.
- Human Values such as Personal Dignity, Esteem, Gratitude, Ethical values, Honesty, Inspiring Conduct in personal life, Obedience, Simplicity, Zestful attitude besides Self-development, Women Empowerment, Legal Rights, Child Rights, Self-direction, Sacrifice, are taught to the students.
- Awareness is created on Human Rights and students are motivated to make proper use of basic rights.
- Anti- Ragging Committee effectively controls ragging which is a violation of fundamental human values and rights.
- Voters Day as part of human rights is celebrated inside the campus .
- Awareness is created on human values, human rights and intellectual property rights.

Professional ethics:

- Professional ethics are taught to the students to instil good values among them.
- Teachers put their best efforts to groom students and make them as responsible citizens.They conduct Entrepreneurship Development programmes, Life Skills, Internships and project works to foster professional ethics among the students.
- Days of national importance like Independence day, Teachers day, Yoga Day are celebrated in order to inculcate nation's value in the students.

File Description	Document
Link for Additional Information	View Document

1.3.2 Number of value added courses imparting transferable and life skills offered during the last five years

Response: 52

1.3.2.1 Number of value-added courses imparting transferable and life skills offered during the last five years

Response: 52

File Description	Document
Details of the value-added courses imparting transferable and life skills	View Document
Brochure or any other document relating to value added courses.	View Document
Any additional information	View Document

1.3.3 Percentage of students undertaking field projects / internships

Response: 30.64

1.3.3.1 Number of students undertaking field projects or internships

Response: 390

File Description	Document
List of students enrolled	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document

1.4 Feedback System

1.4.1 Structured feedback received from 1) Students, 2) Teachers, 3) Employers, 4) Alumni and 5) Parents for design and review of syllabus-Semester wise/ year-wise

Response: A. Any 4 of the above

File Description	Document
Any additional information	View Document
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View Document
URL for stakeholder feedback report	View Document

1.4.2 Feedback processes of the institution may be classified as follows:

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

File Description	Document
Any additional information	View Document
URL for feedback report	View Document

NVAAC

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average percentage of students from other States and Countries during the last five years

Response: 6.74

2.1.1.1 Number of students from other states and countries year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
67	68	108	154	155

File Description

Document

List of students (other states and countries)

[View Document](#)

Institutional data in prescribed format

[View Document](#)

Any additional information

[View Document](#)

2.1.2 Average Enrollment percentage (Average of last five years)

Response: 53.7

2.1.2.1 Number of students admitted year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
289	307	375	382	591

2.1.2.2 Number of sanctioned seats year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
534	534	834	834	894

File Description

Document

Institutional data in prescribed format

[View Document](#)

Any additional information

[View Document](#)

2.1.3 Average percentage of seats filled against seats reserved for various categories as per applicable reservation policy during the last five years

Response: 41.54

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

2018-19	2017-18	2016-17	2015-16	2014-15
246	182	194	193	370

File Description	Document
Institutional data in prescribed format	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, after admission and organises special programs for advanced learners and slow learners

Response:

The Institution conducts orientation program for first year students to develop their communication skills. Basically students are divided into two categories as English medium students and Regional medium students. For regional medium students, coaching is given on basic English and Grammar. On the other hand, for English medium students coaching is given in an advanced level, which includes communicative activities, like writing resume, reports etc. Bridge course is also conducted for all the first year students to bridge the gap between school and college curriculum. The course includes first year engineering subjects like Engineering Mathematics, Engineering Physics, Engineering Chemistry, Engineering Graphics, Computer Programming etc. Based on the performance in the cycle test-1 & Internal assessment -1, students are categorized as slow learners and advanced learners. According to the learning level of the students, coaching classes are conducted to improve their academic performance.

STRATEGIES FOR THE ADVANCED LEARNERS:

- From second year onwards, based on students' performance in class, extra coaching classes are conducted so as to secure University Ranks.
- Special training is given to develop English communication skills, Aptitude and Soft skills. Students are also trained to write Competitive exams and come out successful.
- More emphasis is given to use ICT tools like NPTEL, E-BOOKS, NDL, E-Journals etc.
- Seminars topics on advanced technologies are assigned to advanced learners to enrich their knowledge on current trends.
- Coaching is conducted for GATE examination and higher studies.

- Books on most advanced topics are suggested to enhance students' technical knowledge.
- Tutorial hours are conducted to pay individual attention on every learner. During tutorial hours, highly complicated problems are given to improve analytical skills and problem solving skills.
- Students are encouraged to participate and present papers in various Seminars/ Conferences/ Workshops organized by reputed colleges. Such presentations help the students to develop their self confidence and enrich their level of technical know-how.
- Students are motivated to participate in sports activities, club activities, NSS, Science Expo, cultural competitions etc., to expose their talents and emerge as all rounders.
- Students are encouraged to attend Value added courses to evolve as readymade engineers.
- Socially relevant innovative mini projects are given to students to make them responsible citizens.

STRATEGIES ADOPTED FOR SLOW LEARNERS:

- Effective mentoring system is followed to solve personal and academic problems through counseling.
- Bilingual teaching is adopted in classrooms for better understanding of students.
- Simple and standard lecture notes are provided.
- Remedial coaching classes are conducted with appropriate focus on important subject topics.
- Group Study System is implemented in class rooms to encourage peer learning.
- Constant communication takes place with parents through post and mobile.
- Yoga and meditation programmes are conducted regularly to increase students' concentration level.

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

2.2.2 Student - Full time teacher ratio

Response: 179:18

File Description	Document
Any additional information	View Document

2.2.3 Percentage of differently abled students (Divyangjan) on rolls

Response: 0.08

2.2.3.1 Number of differently abled students on rolls

Response: 1

File Description	Document
List of students(differently abled)	View Document
Institutional data in prescribed format	View Document
Any other document submitted by the Institution to a Government agency giving this information	View 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:

- To design effectively and exercise student centric activities, the following methods are used

S. No	Learning Methods	Implementation Process
1	Experiential learning	Practical Learning
		Hardware lab
		Training programs
		Industrial visits
		In plant training
		Internship
2	Participative learning	Co-curricular activities
		Group Discussion & Quiz activities
		Participate in the club activities
3	Problem solving methodologies	Tutorial Classes
		Case Studies
		Mini Projects, Main Projects

Experiential Learning

Experiential Learning is defined as learning through reflection on doing. Practical training is to help students to develop skills and abilities that support professional studies and prepare them for work later on. For students, the practical training provides an opportunity to learn important skills which will help them to become a professional in future. Hardware labs are provided to impart practical knowledge to the students. It includes working and non working models. Students from all the departments are allowed to visit the hardware lab to gain the experimental knowledge. Every semester, software training programmes are arranged in college to learn the current trends prevailing in their respective areas. Industrial visits are

arranged on regular basis. Final year students visit industries to find solutions for their problems in project work. Industrial visits offer a great source of practical knowledge. Students also undergo in-plant training in industries and present case-studies. In-plant training is specially designed as short duration program for the students of all courses to gain industrial exposure. Internship develops students' leadership quality and improves their confidence level.

Participative Learning

Participatory Learning Technique is the way of organizing the classroom that motivates students to participate in the act of teaching, a peer based learning process. The institute organizes different activities for students to encourage them to participate in various competitions held at local, national & international levels. The faculty members follow interactive methods to motivate students to take part in group discussion, subject quiz, news analysis and questions and answers on current affairs. Various clubs like Eco & Environmental Engineering Club, Consumer Club, Energy Club, Toastmaster club (Communication Club), Red Ribbon Club etc are established in college to increase students participative learning skills. In this way, learning focused on increased student participation, becomes student centered.

Problem Solving Methodologies

The institute is very keen to involve students in learning process. Accordingly, the curriculum has been structured, by following problem solving methodology. Initially, tutorial classes are conducted to enhance students problem solving and analytical skills. Secondly, students are divided as groups to analyze case studies. The skills of students are enhanced through their personal actions like solving a particular problem by applying innovative analytical methods through the collected data. Thirdly, the students are divided as groups and are made to complete their project works cost effectively.

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

2.3.2 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc.

Response: 100

2.3.2.1 Number of teachers using ICT

Response: 128

File Description	Document
List of teachers (using ICT for teaching)	View Document
Any additional information	View Document
Provide link for webpage describing the " LMS/ Academic management system"	View Document

2.3.3 Ratio of students to mentor for academic and stress related issues

Response: 421:42

2.3.3.1 Number of mentors

Response: 127

File Description	Document
Any additional information	View Document

2.3.4 Innovation and creativity in teaching-learning

Response:

Teachers and students are encouraged to use ICT facilities for effective teaching-learning process. A well equipped digital library is provided for accessing the database, NPTEL videos, course materials, recorded video lectures and animations. Internet facility with a bandwidth of 52 Mbps are provided to encourage the ICT learning. The Entire teaching-learning process at the institute helps students and teachers to empower their skills. Faculty members incorporate videos, animations & case studies in their teaching by integrating the available audio-visual aids. Every department is provided with Laptop, LCD projector and computers with LAN and internet connection. Faculty can avail the seminar hall for teaching where they can utilize white board and LCD projector during the lecture delivery. Video lectures of faculty on important topics are also recorded and repeated.

Every pre final year and final year student undertakes mini project and main project to exercise their creative ideas through preparation of models. After completing a mini project, student can do main project easily. They will be in a position to take up any challenging practical problem and find solution by formulating proper methodology. Teachers design role play based assignments to enhance the learning of students. Student associations arrange technical debates, group discussions, oral presentations and brain storming sessions to improve language proficiency. The institute conducts Science Expo every year and the students from all streams prepare innovative projects and exhibit them during the event. All the department students are allowed to visit the projects during the science expo. Every year innovative projects of students are sent to various funding agencies like Council of Scientific and Industrial Research, Tamilnadu State Council for Science and Technology, Science and Engineering Research Board, Department of Science & Technology etc.,

Various clubs like Eco & Environmental Engineering club, Consumer club, Energy club, Toastmasters

club (communication club), Red Ribbon club also function effectively inside the campus. Many competitions are conducted through the clubs to bring out the creativity and hidden talents of students. Students and faculties are provided opportunities to join as members in the professional societies like International Association of Engineers, Institute for Engineering Research and Publication, International Association of Computer Science and Information Technology, Computer Society of India, Society of Digital Information and Wireless Communications, International Society for Research and Development, International Economics Development Research Center, International Association of Engineers, Indian Society for Technical Education, The Institution of Engineers Indian Institution of Production Engineers, Indian Society for Technical Education, International Association of Computer Science and Information Technology, International Computer Science and Engineering Society, Indian Society for Technical Education, The Institution of Electronics and Telecommunication Engineers and Indian Concrete Institute. Through professional societies, students update their knowledge on latest trends.

File Description	Document
Any additional information	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: 106.61

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years	View Document
List of the faculty members authenticated by the Head of HEI	View Document
Any additional information	View Document

2.4.2 Average percentage of full time teachers with Ph.D. during the last five years

Response: 4.21

2.4.2.1 Number of full time teachers with Ph.D. year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
5	6	11	12	7

File Description	Document
List of number of full time teachers with PhD and number of full time teachers for 5 years	View Document
Any additional information	View Document

2.4.3 Teaching experience per full time teacher in number of years

Response: 5.62

2.4.3.1 Total experience of full-time teachers

Response: 719

File Description	Document
Any additional information	View Document

2.4.4 Percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the last five years

Response: 1.56

2.4.4.1 Number of full time teachers receiving awards from state /national /international level from Government recognised bodies year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
00	00	0	0	0

File Description	Document
Institutional data in prescribed format	View Document
e-copies of award letters (scanned or soft copy)	View Document

2.4.5 Average percentage of full time teachers from other States against sanctioned posts during the last five years

Response: 0

2.4.5.1 Number of full time teachers from other states year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	0	0	0

File Description	Document
List of full time teachers from other state and state from which qualifying degree was obtained	View Document

2.5 Evaluation Process and Reforms

2.5.1 Reforms in Continuous Internal Evaluation(CIE) system at the institutional level

Response:

Shree Venkateshwara Hi-Tech Engineering College possesses various reforms in Continuous Internal Assessment and Evaluation. Since the institute is affiliated to Anna University, Chennai, it follows the regulations of the university to obtain better outcome in the academic performance of the students. Three Continuous Internal Assessment (CIA) and One Model Exam are conducted every semester of the academic year. The Model Examination covers the entire syllabus of a subject in order to make the students prepare for the university examinations.

CIA for UG & PG Courses :

Marks split-up for Continuous Internal Assessment is given below:

Theory Course & Practical course

In each course, both theory and practical shall be evaluated for a maximum of 100 marks. For all theory and practical subjects including project work, the Continuous Internal Assessment carries 20 marks while the End-Semester University examination carries 80 marks.

CIA Syllabus & Question Pattern:

The syllabus for the Continuous Internal Assessment pattern is that Unit I & 1st half of Unit II for the CIA - I and 2nd of Unit II & Unit III for the CIA - II and Unit IV & V for the CIA- III. The entire syllabus is considered for Model Examination.

Continuous Internal Assessment-I & II are conducted for 50 marks and converted to 100 marks

1. One cycle test per month is commonly conducted for an hour for all the subjects.
2. Unit/Topic wise question banks are provided to the students for all subjects including with answers.
3. Continuous Internal Assessment question papers are based on the previous year university question papers and the question bank.
4. Supervision is provided for the slow learners in the academic level to perform well in the tests and University examinations. Advanced learners are provided with extra questions beyond the syllabus for

improving their knowledge.

5. To enhance the learning environment, institute has provided smart class rooms. The teachers conduct question and answer sessions at the end of every Unit to help advanced learners grasp the points easily, At the same time slow learners also actively participate in the session.

Outcome based education is followed for the improvement of teaching learning process. Answer scripts are corrected and returned to the students within two working days after the completion of the test/examination.

Assessed answer scripts and results are reviewed by the faculty and respective Head of the Department. The analysis of the results is helpful to improve the teaching and learning methodology of the particular subject handling faculty to get better outcome in future.

Feedback about each subject is collected from the students. Strength and weakness of the students are identified from the review and remedial actions are taken for improvement.

In case of absence of students, retest will be conducted to them for the internal assessment examinations. Students are given opportunities to improve their performance in Internal Evaluation through retest and assignments.

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

2.5.2 Mechanism of internal assessment is transparent and robust in terms of frequency and variety

Response:

- The institute is affiliated to Anna University, Chennai and follows the guidelines of the university in conducting the Continuous Internal Assessment. The academic calendar is provided to the students at the beginning of the semester with the details of assessment examinations of the respective semester.
- The dates of the examinations are mentioned in the academic calendar. It is supplied to the students and are displayed in the notice board on the first day of the semester.
- The academic calendar consists of dates of commencement of Continuous Internal Assessment, Model exam and Model practical exam.
- The important dates from the university schedule like Continuous Internal Assessment are also displayed in the Notice board.
- The dates mentioned in the academic calendar are followed for all the activities. Hence the students and the faculty members are aware about the commencement of the tests well in advance.
- The format of the question bank is also displayed in the notice board, E-campus and discussed in the class room as well.
- The same format is followed for all the subjects in the institute. Hence the dates of the examination,

syllabus of the Continuous Internal Assessment and question paper pattern are transparent to all the students.

The question papers of the examinations are verified by the respective Head of the Department in order to rectify mistakes and ambivalence in the questions.

If a student is not able to attend the internal tests and model exams when he/she represents the institution in any event (on duty), owing to medical grounds or any valid reason, that student should get prior permission from the subject handling faculty, mentor and respective Head of the department and retest will be conducted to enable the student to earn internal assessment marks.

The faculty will prepare answer-key for the question paper with mark allocation for evaluating the papers. The answer-key of the question paper will be given to the students to correct their mistakes done in the examination. Hence the students receive the correct answers for the questions and it is fully transparent and they can easily check the answers while distributing the answer scripts.

The assessed examination answer scripts are distributed to the students within two days after completion of the examination. If there is any deviation in awarding marks, it will be immediately clarified and rectified by the subject handling faculty. Those answers scripts are acknowledged by the students and three samples are retained in the department. The subject handling faculty countersigns in the paper if any changes are made in that paper.

Mark list of the Continuous Internal Assessment of students is prepared and displayed in the notice board, E-campus and conveyed to their parents by post as well.

The marks are entered in the E-campus link and in the Anna University web-portal which can be accessed by faculty. The student can open the portal and verify the marks to calculate the portion of the final internal assessment Marks.

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

2.5.3 Mechanism to deal with examination related grievances is transparent, time-bound and efficient

Response:

There is a complete transparency in conducting internal assessment test. The criterion adopted is as directed by the University.

- At the beginning of every semester, faculty informs the students about the various components in the assessment process during the semester.
- The internal assessment test schedules are prepared as per the University norms and are

communicated to the students well in advance.

- To ensure proper conduct of formative tests, one invigilator is assigned to each hall. Evaluation is done by the subject handling faculty members within two working days from the date of examination.
- The corrected answer scripts at random are verified by HoD to ensure the standard of evaluation process.
- The corrected answer papers of the students are distributed to them for verification and their grievances are redressed immediately. The subject handling staff, while distributing papers, gives suitable feedback to the students so as to correct their mistakes.
- Slow learners are identified and remedial classes are conducted for them to secure good marks.
- The marks obtained by the students in internal assessment tests are uploaded periodically on the university web portal along with their attendance.
- In Laboratories after marking the values in observation and validating the theoretical aspects, students submit lab record regularly.
- Day to day performance of the students is assessed for every experiment which includes regularity, performance, viva voce and promptness in submission of the record.
- For lab courses, the mark/grade scored by the students for each experiment is indicated in the observation/record. The independent learning, practical approach to the real time application are tested by viva voce for laboratory courses.
- For ensuring the quality of the projects, evaluation is done by project review committee along with the project guides.
- The final examination for the laboratory and projects are conducted with an internal and external examiner. The external examiners are appointed by the University from other colleges.

Redressal of grievance:

- **Department level:** Continuous evaluation of students is carried out by faculty for theories and laboratories. Internal marks are given to students based on their performance in internal assessment tests for theory examinations and model practical examination for laboratories. Grievance, if any is discussed with faculty concerned and HoD.
- **College level:** The institute appoints 50% internal examiners and 50% external examiners for smoothly conducting University theory examinations. The grievances regarding conducting of examinations are considered and discussed with the Principal (Chief Superintendent) and if necessary, forwarded to the University by exam cell.
- **Redressal of grievances at University level:** The queries related to results, corrections in mark sheets and other certificates issued by University are handled by exam cell after being forwarded by the respective HoD. Students are allowed to apply for recounting and revaluation, challenged evaluation by paying necessary processing fee to the University through college, if they are not satisfied with the University evaluation.

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

2.5.4 The institution adheres to the academic calendar for the conduct of CIE

Response:

The university prepares academic schedule before the commencement of each semester and publishes it in the University website. Based on the academic schedule prepared by the University, institute prepares an institutional level academic calendar for the smooth functioning of both academic and extracurricular activities planned for the semester. The commencement of semester will be circulated to all the departments.

Academic schedule is prepared, considering the first and last working days and University holidays. The calendar of events consists of the activities planned from the gaps in attaining the programme outcome. The academic calendar is a comprehensive guide to carry the academic activities with ease. Academic schedule is circulated among the teaching fraternity and students before the start of the semester.

Academic schedule shows the entire academic activity, beginning with the commencement of classes up to the end of the semester including the practical examinations. Academic calendar is the back bone for teaching and learning process where the teaching methodology is shown in an organized manner. The institution ensures effective time management and appropriateness by adhering to the timeline received by the University.

The institution refers the academic calendar to adhere to the planned curriculum and other activities since it allows the faculty and the students to space out their teaching and learning process and regular assessments. The faculty members prepare the "Lesson plans" as per the calendar. This in turn will project their teaching plans well before the commencement of the semester. Timetable-in-charge of each department prepares the timetable as per the guidelines of the affiliated university and statutory bodies.

Regular staff meetings are conducted to ensure adherence to the schedule given in the academic calendar. In case of any unusual and unscheduled break in the working day, the staff committee meets again to work out a schedule to compensate the working days.

While forming the academic calendar, the institution adheres to the minimum number of working days. Academic activities are always given priority and other activities are performed without disturbing the classes. The monthly internal assessments are conducted as per the academic schedule and evaluation process is performed in a transparent manner.

Academic schedule shows Continuous Internal Assessment (CIA) performed in terms of three internal assessments. All the three internal assessment marks are added to calculate the final internal marks attained by the student. These marks are also considered to decide the course of nature for teaching slow learners and improve their performance before the external examination.

Examination schedule of these exams is announced and displayed in advance. Timely valuation of all examinations is ensured as per the schedule given in academic calendar.

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

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 on website and communicated to teachers and students

Response:

The institute has well defined Programme outcomes(POs), Programme Specific Outcomes(PSOs) and Course Outcomes(COs) for all Programmes offered by the institution. It is displayed on website for teacher and student communication.

PSOs and COs are formed by considering Vision and Mission statement of the college and the syllabus content. COs are framed by the Head of the departments, subject handling faculty along with subject experts.

The program outcomes and program specific outcomes are achieved through a curriculum that offers a number of courses. Each course has well defined course outcomes that are linked to the program outcomes and program specific outcomes to provide quantitative measurement of how well the course outcomes are achieved. The course outcomes are thus directly and quantitatively assessed, and are tied to the program outcomes and program specific outcomes

POs and COs for all programs and courses offered by the institution are displayed in the institute website for reference to all stakeholders.

The POs and COs are available in the course file prepared by the faculty members. While mapping with POs faculty can clearly understand the course outcomes and accordingly they can prepare the lesson plan etc.

Faculty members refer the syllabus to understand POs and COs thoroughly, before delivering the courses to students.

The COs is also dictated to the students while dictating the syllabus in the class and also present in the continuous internal assessment examination question papers. Hence the student is very well aware of the COs of the subject. After completion of each unit of the course, teachers again inform Cos to the students

Process of Communication of POs, PSOs and COs:

1. The defined POs, PSOs and COs are displayed in the website for respective programmes.
2. Display boards are kept in HODs cabin, faculty room, class rooms, seminar halls, laboratories, and department notice boards.

3. Available in documents like Brochures, Newsletters, and Parents communication letter.
4. Course Outcomes are displayed in Lesson plan, internal assessment exam question papers and course file.

File Description	Document
COs for all courses (exemplars from Glossary)	View Document
Any additional information	View Document
Link for Additional Information	View Document

2.6.2 Attainment of program outcomes, program specific outcomes and course outcomes are evaluated by the institution

Response:

Outcome Based Education system (OBE) is practised in every department to understand the attainment of each course delivery from PEOs, POs and PSOs.

(i) PEOs describe the career and professional accomplishments of a graduate realized through surveys after 4 years of student employment.

(ii) POs and PSOs are to be aligned with PEOs. PSOs are specific to each program. Both are related to Knowledge, Skill and Attitude of graduates as they progress through their graduation.

Attainment of COs

1. Course outcomes (COs) are defined for each subject based on all the five units of the syllabus
2. The CO attainment is calculated based on students' performance in 3 internal assessment examinations and University examination. It is observed that the attainment varies depending upon the difficulty level of the subject and may be in the range of 1 to 3.
3. Method of Measuring Attainment of CO :

CO attainment is measured in terms of actual percentage of students getting set (target) percentage of marks. If targets are achieved then all the course outcomes are attained for that year.

The attainment levels are set considering average performance levels in all examinations throughout the semester or year. Attainment level is measured in terms of student performance in internal assessment examinations with respect to the COs of a course and the performance in the University examination.

Attainment of POs and PSOs

1. Program Outcomes are defined by the National Board of Accreditation, New Delhi and Program

Specific Outcomes (PSOs) are defined by individual programs. COs are mapped with Program outcomes and Program Specific Outcomes (PSOs).

2. The PO and PSO attainment is calculated for complete batch of students which progresses through all the courses of a particular program including Co-curricular and Extra-curricular activities and the project work. The attainment is calculated based upon the association level.

i.e., low-medium-high, of a particular course/ CO/ activity with respect to the PO or PSO in the scale of 1-3.

3. Method of Measuring Attainment of PO and PSO:

- The Program Academic Assessment cell reviews all course outcomes of the courses which are relevant to the particular PO or PSO. Specifically the task is to review the course outcome assessment results towards PO assessment for each course.
- Direct PO attainment is calculated from CO attainment of the courses addressing the particular PO or PSO. Average CO attainment level of all courses addressing the particular PO or PSO is calculated.

Indirect PO attainment is calculated using impact of assessment tool, students exit survey etc. Finally, direct and indirect assessment is combined with 80% weightage to direct tools and 20% weightage to indirect tools to calculate the attainment level for that particular PO or PSO.

File Description	Document
Link for Additional Information	View Document

2.6.3 Average pass percentage of Students

Response: 71.43

2.6.3.1 Total number of final year students who passed the examination conducted by Institution.

Response: 265

2.6.3.2 Total number of final year students who appeared for the examination conducted by the institution

Response: 371

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

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response: 3.95

NAAC

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1 Grants for research projects sponsored by government/non government sources such as industry ,corporate houses, international bodies, endowment, chairs in the institution during the last five years (INR in Lakhs)

Response: 0.3

3.1.1.1 Total Grants for research projects sponsored by the non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year-wise during the last five years(INR in Lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
0.2	0	0.10	0	0

File Description	Document
List of project and grant details	View Document
e-copies of the grant award letters for research projects sponsored by non-government	View Document
Any additional information	View Document

3.1.2 Percentage of teachers recognised as research guides at present

Response: 1.56

3.1.2.1 Number of teachers recognised as research guides

Response: 2

File Description	Document
Any additional information	View Document

3.1.3 Number of research projects per teacher funded, by government and non-government agencies, during the last five year

Response: 0.02

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

Response: 04

3.1.3.2 Number of full time teachers worked in the institution during the last 5 years

Response: 939

File Description	Document
Supporting document from Funding Agency	View Document
Any additional information	View Document
Funding agency website URL	View Document

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations including incubation centre and other initiatives for creation and transfer of knowledge

Response:

Shree Venkateshwara Hi-Tech Engineering College has set the “**Incubation Center**”(SS Technovation & Caliber Embedded) for nurturing and overseeing innovation and entrepreneurship. The aim is to encourage entrepreneurship among locals with the college serving as focal point. It is a platform for nurturing, encouraging and developing innovation and entrepreneurial skills among its students, research scholars and alumni, as well as students of the region.

Entrepreneurship Development Cell (EDC) is established in the College. It guides and motivates the students through organizing several programs. Successful entrepreneurs share their experience and motivate the students to become an entrepreneur.

With an intention of making students industry ready and reducing industry investment, The Institution has initiated industry incubation centre. The centre provides training for the identified students on specific topics, continuously monitor their performance and send them for an internship to company and place them. It also motivates students to innovate and get pattern right.

The Institution has signed MoUs with various companies, for starting the research work in various Fields. It interacts between the faculty members and students with various organizations. The institution appreciates the creation of ideas and inventions that benefit the society.

OBJECTIVES:

- 1.To create jobs, wealth and business aligning with national priorities
- 2.To promote new technology/knowledge/innovation based startups.
- 3.To provide a platform for speedy commercialization of technologies developed by the host institution or by any academic/technical/R&D institution
- 4.To build a vibrant startup ecosystem, by establishing a network between academia, financial institution, industries and other institutions.
- 5.To provide cost effective, value added services to startups like mentoring, legal, technical, intellectual property related services.

VISION:

Incubation Centre is a space for new age entrepreneurs and young minds to transform their innovative ideas into viable business propositions. Our primary vision is to facilitate a platform for a budding entrepreneur to start a business venture with minimum risks. Incubation will ensure that incubates have access to technological assistance which will be generated through mentors with multidisciplinary expertise. Young enthusiasts with creative pursuits are encouraged to become entrepreneurs and take advantage of this novel initiative.

MISSION:

The mission of Incubation Centre is to nurture and empower the next generation entrepreneurs to serve the local problems. The students, alumni of the institute, local industries and also students of the Erode district are invited to come up with their innovative ideas which might lead to the startup.

SALIENT FEATURES:

1. Encourages Entrepreneurship and innovation and incubation of ideas.
2. Supports the incubation for patent right.
3. Executes each project with a team of entrepreneurs (students/alumni/ Industry)
4. Gives infrastructural support such as workspace, internet etc for each project.
5. Promotes projects of any discipline that solve problems and provide solution to local needs rather than global problems and needs.
6. Facilitates the students to get internships through companies which are under incubation

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

3.2.2 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the last five years

Response: 30

3.2.2.1 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
6	6	6	6	6

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

3.3 Research Publications and Awards

3.3.1 The institution has a stated Code of Ethics to check malpractices and plagiarism in Research	
Response: Yes	
File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document

3.3.2 The institution provides incentives to teachers who receive state, national and international recognition/awards	
Response: Yes	
File Description	Document
e- copies of the letters of awards	View Document
Any additional information	View Document

3.3.3 Number of Ph.D.s awarded per teacher during the last five years	
Response: 1	
3.3.3.1 How many Ph.Ds awarded within last five years	
Response: 1	
3.3.3.2 Number of teachers recognized as guides during the last five years	
Response: 1	
File Description	Document
URL to the research page on HEI web site	View Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	View Document
Any additional information	View Document

3.3.4 Number of research papers per teacher in the Journals notified on UGC website during the last five years**Response:** 0.47**3.3.4.1 Number of research papers in the Journals notified on UGC website during the last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
02	01	01	01	01

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

3.3.5 Number of books and chapters in edited volumes/books published and papers in national/international conference proceedings per teacher during the last five years**Response:** 0.3**3.3.5.1 Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings year-wise during the last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
00	03	1	1	1

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

3.4 Extension Activities**3.4.1 Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the last five years****Response:**

National Service Scheme (NSS) has emerged as a powerful and dynamic youth movement in the country. The NSS is acting as a catalyst to build up the right way of leadership in an institution. The motto of NSS “Not Me, But You”, reflects the essence of democratic living and upholds the need for self-less service. NSS helps the students develop appreciation to other person’s points of view and also show consideration to other living beings. These activities can be arranged through one day camps and frequent visits under regular activities planned through NSS scheme.

Students and faculty members of NSS and YRC of the institute are actively involved in the extension activities of the neighbourhood community.

Extension activities are planned with the objectives:

1. To enable students understand the community in which they work or live in.
2. To identify the needs and problems of the community and involve in problem solving process.
3. To guide the students to utilize their basic knowledge in finding practical solution for individual and community problems.
4. To develop leadership qualities and democratic attitude in students.
5. To foster them in practicing national integration and social harmony.

These extension activities promotes national integration, develop students’ personality through community service and improve their qualities of leadership.

The regular activities at institute include the Blood donation camp, Tree plantation programme, Celebration of Independence day, Women’s day and National days.

Activities covered under special camp are Plantation of trees, Health Camps, Plastic eradication, Global warming and Road safety.

Various rallies like Helmet Awareness, Rights to Vote, Swachh Bharat, Women Safety and Fire Safety are regularly organized.

Cancer Awareness Programs and various programs on Women Empowerment are also organized. The Girls NSS cadets have been appreciated by many eminent guests.

NSS students have gone to different villages to create awareness about dengue. Through these campaigns, they have created awareness about health and sanitation. The campaigns mainly aimed at school children reached each family and made a notable change in their homes and surrounding environment.

To make the students and the community focus on sanitation, various Swachh Bharat programs are organized in the campus and neighbourhood community.

7-Day NSS camp is organized every year in the nearby Panchayat Schools, where Computer training, Tree plantation, Sports and Campus cleaning activities take place.

As an act of environment protection and care, the institution distributed more than 1000 seed balls to school students during project expo function.

Women's day and Teachers day are celebrated to promote the Universal and human values, National integration and Communal harmony among the students.

NSS volunteers work to ensure that everyone who is needy gets help to enhance their standard of living and lead a life of dignity. Our institution encourages the young NSS student volunteers to develop their personality through community service and also motivates them for continuing their selfless service towards community work.

File Description	Document
Link for Additional Information	View Document

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

Response: 3

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

2018-19	2017-18	2016-17	2015-16	2014-15
0	00	00	0	0

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

3.4.3 Number of extension and outreach Programs conducted in collaboration with Industry, Community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the last five years

Response: 28

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

2018-19	2017-18	2016-17	2015-16	2014-15
04	05	04	06	06

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

3.4.4 Average percentage of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the last five years

Response: 6.61

3.4.4.1 Total number of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
415	314	269	337	398

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 linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc during the last five years

Response: 156

3.5.1.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
45	51	19	16	25

File Description	Document
Number of Collaborative activities for research, faculty etc	View Document
Copies of collaboration	View Document
Any additional information	View Document

3.5.2 Number of functional MoUs with institutions of National/ International importance, Other Institutions, Industries, Corporate houses etc., during the last five years (only functional MoUs with ongoing activities to be considered)

Response: 27

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 (only functional MoUs with ongoing activities to be considered)

2018-19	2017-18	2016-17	2015-16	2014-15
7	5	7	3	5

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

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 The institution has adequate facilities for teaching- learning. viz., classrooms, laboratories, computing equipment, etc.

Response:

Teaching-Learning Facilities

Shree Venkateshwara Hi-Tech Engineering College, an institution for achievers, gifted with a serene atmosphere, is situated at Othakuthirai, near Gobichettipalayam.

Classrooms

The entire ambience of the college is clean and fresh. All the infrastructure facilities are provided with a vision to help students to develop their academics and career progression skills. Class rooms are well furnished and ventilated. The class rooms are facilitated with all teaching aids like OHP, Laptop and LCD Projector in order to ensure overall development of students.

Laboratories

The institution has provided well equipped laboratories for Science & Humanities department and other departments separately. Each section of students has separate lab facilities as per the norms of AICTE, New Delhi & Anna University, Chennai.

Computing facilities

The college has provided computer centers with sufficient computers. All computers in the entire campus are connected by LAN and Internet. Wi-Fi facility is also available inside the campus. Every department has computing facility such as computers, printers, scanners and LCD projectors to cater to the curriculum needs.

Library

The library functioning under the open access system is fully computerized for issuing, searching and returning of the books. Circulation takes place through barcode system. A modern digital library network with high speed internet access is also housed in the premises. The bibliographical information of library is made available through OPAC (Online Public Access Catalogue). The Library has a separate digital library. It has a sufficient collection of audio /video materials, CDs & DVDs. Current Awareness Service is provided through the display of new books in new arrivals rack. NPTEL Hard Disk & E- Journal subscriptions like Delnet, Gale - Cengage Learning, NDL and Open Source e-journals are available. Separate sections for reference materials, periodicals, back volumes, CDs, DVDs and project reports are provided for easy access. Reprographic facilities with printer & CD writer are also provided.

Industry-Institute Partnership Cell (IIPC)

IIPC functions effectively to improve the Life skills of students through various training activities like Career guidance, Soft skills, Competitive exams, Placement etc. For undergoing training activities, facilities such as classrooms, seminar halls, auditorium, laboratories are utilized.

Entrepreneurship Development cell (EDC)

Entrepreneurship Development cell (EDC) provides opportunities to the students to interact with entrepreneurs and motivate them to initiate their own startups.

Incubation centre

To provide a platform for students and to promote innovation driven activities at the institute, an incubation centre has been started to enable collaborative environment for startup companies.

Hardware lab

The institution provides an industrial environment to the students by establishing hardware lab for individual departments and offers hands on industrial training and practical exposure in core fields.

Seminar halls and Auditorium

Shree Venkateshwara Hi-Tech Engineering College has seminar halls and an auditorium with adequate facilities like air conditioning, public addressing system and ICT facilities such as projectors, LAN and Wi-Fi with ambiance space.

Other facilities

The institution has a well designed administrative block, various other rooms and facilities for the students including common room for boys and girls separately, Canteen, Stationery store etc.

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

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

Response:

Shree Venkateshwara Hi-Tech Engineering College (SVHEC) believes in all-round development of the students. A lot of encouragement is given to students to participate in sports and cultural activities simultaneously and are suitably awarded.

Sports and Games (Indoor, Outdoor)

The facilities for Sports and Games are increased every year to encourage students to conduct and participate University and Zonal level tournaments. The Campus has adequate sports infrastructure for outdoor games for both men and women such as Cricket, Volleyball, Football, Badminton, Throwball, Handball, Tennikoit, Kabbadi, Kho-Kho, Hockey and indoor games such as Carom, Chess ,Shuttle and Ball Badminton. Competitions are conducted every year and winners are awarded with prizes.

Gymnasium

Gym is a healthy start for a better lifestyle. Regular gym will not only provide a better physique, but will also increase stamina and will eventually result in a healthy body. In this regard, Well equipped gymnasium is setup in the institute hostel separately for (men / women) both students and faculty. There is a wide array of gym equipments like dumb bells, Steering plates, skipping ropes etc., and machines in our gymnasia to meet out the different needs of people ranging from weight reduction, cardiovascular health and strength endurance of body .The area comprising nearly 200 square feet has a range of equipment with adequate space.

Yoga & Meditation

Yoga is a great gift to the human beings to maintain healthy mind and healthy body. Fine Arts club of the institution which functions from the year 2011, conducts Yoga and Meditation classes to students, every year.

Other Clubs

Shree Venkateshwara Hi-Tech Engineering College has various plans for the development of students through co-curricular activities. The following clubs such as Readers Club, Consumer Club, Energy Club, Toastmasters Club, Tamil Mandram, and Eco & Environmental Engineering Club are established for cultivating special skills in students. Activities such as Guest lectures, field visits, rally are organized through these clubs .The Students are given opportunities to involve themselves in social activities through National Service Scheme (NSS), Youth Red Cross (YRC) and Red Ribbon Club (RRC).

Students Health Care

The Institute provides adequate medical facility for the benefit of the students and staff, who are in need of Medical assistance. A separate medical care room is functioning with a certified Doctor who visits daily during evening hours and give counseling and prescription to needy students and staff .

Cultural Activities

Shree Venkateshwara Hi-Tech Engineering College offers an opportunity to the students to let their thoughts run undomesticated and equips them to visualize things differently. The college provides generous opportunities to develop talents in different forms of arts like music, dance, drama etc. The college has a core committee for conducting cultural activities. Every year this committee organizes the CULTURAL FEST and initiates arrangements for the fest. Prizes are distributed to winners in cultural competitions. In addition, students are also motivated to take part in cultural competitions organized by other colleges.

File Description	Document
Any additional information	View Document
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

Response: 100

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 44

File Description	Document
Number of classrooms and seminar halls with ICT enabled facilities	View Document
Link for additional information which is optional	View Document

4.1.4 Average percentage of budget allocation, excluding salary for infrastructure augmentation during the last five years.

Response: 16.73

4.1.4.1 Budget allocation for infrastructure augmentation, excluding salary year-wise during the last five years (INR in Lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
32.90	24.66	77.61	200.58	175.71

File Description	Document
Details of budget allocation, excluding salary during the last five years	View Document
Audited utilization statements	View Document

4.2 Library as a Learning Resource

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

Response:

LIBRARY AUTOMATION

SOFTWARE DETAILS

Name of ILMS Software : **CampesiLIB** (Computerized Academic Management Processing and Expert System Information Library)

Nature of Automation (Fully or Partially) : Fully

Version : 6.5.10

Year of Automation : 2008

- The library is fully automated with bar-coding system. The library uses CampesiLib software package which is an integrated multi-user library management system that supports all in-house operations of the library. The CampesiLib consists of modules on acquisition, cataloguing, circulation, serials, article indexing and OPAC (Online Public Access Catalog). The database of books available in the library is being updated on day to day basis with details of recently acquired books.
- Retrospective conversion of bibliographic records has been completed and more than 15000 bibliographic records of books available in the library can now be accessed through the CampesiLib OPAC. This module is designed to search all the above databases using important fields.
- Smart Card System is used for gate entry registration in the library.
- 14 systems with LAN facilities are used for library housekeeping operations.

INTERNET DETAILS

- Internet Bandwidth – i) 10 MBPS Broadband ii) 52 MBPS Leased Line

LIBRARY SOFTWARE MODULES

- Circulation – Issue / Return / Renewal
- Gate Entry
- Book & Non Book Materials Entries
- Back Volume Entries
- Periodical Entries
- Reports Production
- Back-up, export and import of data
- OPAC – Book & Non Book Materials Searching

AUTOMATED REPORT GENERATIONS LIKE

- User Entry Report
- Book & Non Book Materials Statistics Report
- Transaction History Report / Transaction Statistics Report
- Individual Library User History Report

- Materials Usage History Report
- Online Public Access Cataloguing (OPAC) Usage Report
- Stock Position Reports under various headings like Books, Periodicals, CDs, and Theses Etc.

LIBRARY ADVISORY COMMITTEE

The Library Advisory Committee has the following members;

S.No	Name of the Member	Designation	Status
1	Dr.P.Thangavel	Principal	Chairman
2	Dr.V.Ashok kumar	Librarian	Secretary
3	Dr.S.Prakasam	VP/HOD/Mech	Member
4	K.C Anandhan	HOD/EEE	Member
5	R.S.Kamalakannan	HOD/ECE	Member
6	Dr,T.Senthil Prakash	HOD/CSE	Member
7	J.Sivanandha Patteswaran	HOD/Civil	Member
8	O.S Thenmozhi	HOD/SCHU	Member
9	Dr.S.Sathyasundari	HOD/MBA	Member

FACILITIES

- The Central Library functions under open access system which is fully computerized for issuing, searching and returning the books.
- A modern digital library network with high speed internet access is also housed in the premises.
- Print version journals, magazines, E- Books, E – Journals and NPTEL Hard Disk are available in the library.
- Reference service is given to users to provide right information at the right time.
- DDC coding, bar coding, CampesiLIB software facilitates enable faster processing.
- Inter library loan facility is arranged through DELNET for acquiring urgently required references.

LIBRARY ACCESS FACILITIES

- For borrowing books, the student should scan the ID card in the bar code scanner. The UG and PG students will get 3 & 5 books respectively & the teaching staff will get 7 books. The library working hours is between 08.30 am to 06.00 pm.

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

4.2.2 Collection of rare books, manuscripts, special reports or any other knowledge resources for library enrichment

Response:

RARE BOOKS

The Central Library was established in the year 2008. The Library makes all efforts to acquire useful books including rare books, reports, manuscripts and knowledge resources to enhance the knowledge of students and faculty members. The Library is equipped with 13,000 books and out of them, 70 and above are rare books. The Library continuously strives to augment its resources to facilitate knowledge collection and dissemination and provide an enriching educational experience to faculty members and students.

The Core reference collection of McGraw Hill, Springer, Elsevier, Macmillan, BPB, Narosa, Galgotia, Cengage Learning publishing are available for upgrading the knowledge of the students. The collections are open to everyone. The library encourages the students to explore the collections and incorporate primary resources into their research. Books on current affairs and general knowledge, study materials related to GATE and competitive examinations are available in the college library in order to improve the students learning level. The library is constantly providing resource for higher education and career guidance. Delnet is also hosted by the institution to access rare books from everywhere.

MANUSCRIPTS

DELNET is the World's biggest online collection of Indian Manuscripts & Antique Books. It has categorized the Indian manuscripts subject wise and designed the covers of manuscripts based on their subjects. DELNET offers free online reading of various books. Researchers and scholars who are insatiably wandering in pursuit of knowledge are highly benefited by DELNET. The special collection of manuscripts in the DELNET provides information for research interested and students and faculties of diverse areas and interests.

SPECIAL REPORTS

National Digital Library of India (NDLI) offers various types of special reports and projects to faculty members and students. With the help of NDLI students do projects and enrich their knowledge in the field of their interest.

OTHER KNOWLEDGE RESOURCES

- Knowledge resources facilities are also available in the library. More number of e-books and e-journals are accessed through subscriptions and open source.
- Reference Books such as Encyclopedias, Dictionaries, Handbooks, Geographical Sources, Manuals and other related self- learning materials are located in the stock areas in the Reference Section.
- Faculty and Students from various branches are encouraged to recommend reference books to enrich the special collection. Book catalogues and reviews are studied to procure reference book, related to new programs introduced in the Institute as well as challenging areas of research.
- Users are encouraged to submit their suggestions to the librarian directly or through general interaction, making an application through e-mail or through Class Committee meeting and Head of the Departments.

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

4.2.3 Does the institution have the following:

- 1.e-journals
- 2.e-ShodhSindhu
- 3.Shodhganga Membership
- 4.e-books
- 5.Databases

Response: A. Any 4 of the above

File Description	Document
Details of subscriptions like e-journals,e-ShodhSindhu,Shodhganga Membership etc	View Document
Any additional information	View Document

4.2.4 Average annual expenditure for purchase of books and journals during the last five years (INR in Lakhs)

Response: 7.05

4.2.4.1 Annual expenditure for purchase of books and journals year-wise during the last five years (INR in Lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
5.74	5.29	4.68	4.23	15.32

File Description	Document
Details of annual expenditure for purchase of books and journals during the last five years	View Document
Audited statements of accounts	View Document
Any additional information	View Document

4.2.5 Availability of remote access to e-resources of the library

Response: Yes

File Description	Document
Any additional information	View Document

4.2.6 Percentage per day usage of library by teachers and students

Response: 7.35

4.2.6.1 Average number of teachers and students using library per day over last one year

Response: 103

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:

- The college aims at providing facilities to students so as to utilize these resources and reach greater heights.
- The Institution upgrades the IT infrastructure facilities time to time, as per the requirements and the norms prescribed by AICTE. Every academic year the facilities provided will be assessed by taking suggestions from various Head of the Departments, staff members and system administrator for updating the infrastructure and course requirements.
- Well trained system administrator and lab technicians are appointed for infrastructure maintenance.
- The college is facilitated with 495 computers that are accessible to the students as well as the teachers for academic and co curricular purposes.
- Every Department has adequate number of laptops for their technical needs.
- The Internet bandwidth is upgraded time to time as per the requirement. In 2017, the bandwidth available was 22 Mbps and the same was increased to 52Mbps.
- The entire campus, is connected through Local Area Network(LAN) with 52 Mbps speed capacity leased line.
- The Wi-Fi facility is enabled in the college by installing controllers and Access points. Wi-Fi is provided in the administrative and academic areas. Surplus Ethernet ports are also provided all over the campus, for laptops/devices internet connectivity. More than 17 Wi-Fi access points are installed at different places.
- The institution has E-Campus system to record and maintain the students database. The marks attained by each student after every examination is updated on the automated system. This allows the students to review their marks. E-Campus also provides facilities like staff administration and academic monitoring.
- The institution has open source software and all the departments have software packages as per the curriculum needs.
- A Library Management Software, campeslib is installed at the Library to keep track of the books and journals.

- Licensed Antivirus, K7 is used to enable the security of the computers.
- Printers are available in the office, staffrooms, library and laboratories. A total of 25 printers are available in the whole college for effective functioning.
- The information about upcoming events along with date and time is available on the website. After the completion of the event, pictures and minutes of the event are uploaded for easy access. This allows the parents to know about the programs conducted in the college. The academic calendar as well as course information is also updated in the beginning of every academic year.
- Continuous power supply is provided for laboratories, library, seminar halls and staffrooms with the aid of UPS.
- CCTV cameras are installed at strategic places to monitor campus activities. This facility ensures ragging free environment in college.

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

4.3.2 Student - Computer ratio

Response: 67:20

File Description	Document
Any additional information	View Document

4.3.3 Available bandwidth of internet connection in the Institution (Lease line)

Response: >=50 MBPS

File Description	Document
Any additional information	View Document

4.3.4 Facilities for e-content development such as Media Centre, Recording facility, Lecture Capturing System (LCS)

Response: Yes

File Description	Document
Facilities for e-content development such as Media Centre, Recording facility,LCS	View Document
Any additional information	View Document
Link to photographs	View Document

4.4 Maintenance of Campus Infrastructure

4.4.1 Average Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, as a percentage during the last five years

Response: 13.86

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

2018-19	2017-18	2016-17	2015-16	2014-15
81.12	64.84	85.09	81.03	64.62

File Description	Document
Details about assigned budget and expenditure on physical facilities and academic facilities	View Document
Audited statements of accounts.	View Document
Any additional information	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:

INTRODUCTION

Our institution has well established maintenance systems for maintaining physical, academic and support facilities. While the Principal takes care of maintenance, IQAC Infrastructure co-ordinator ensures quality of all the above said facilities. The Principal also spends time periodically to monitor these facilities.

PHYSICAL FACILITIES

All the equipments, instruments, machineries and properties are properly used and maintained as recommended by the manufacturer, to minimize the depreciation. The Institution has committed to have an effective maintenance system for maintaining and keeping the infrastructure active. The lab maintenance requisition is received from lab in-charges through proper channel. IQAC Infrastructure Coordinator ensures quality of maintenance of physical facilities.

a. Laboratories Maintenance Facilities:

- All the laboratories are spacious. Do's and Don'ts/safety precautions are displayed in each

laboratory.

- Periodical check-up of equipment is carried out by the lab In-charges. In addition, maintenance is being done monthly and registers are maintained in respective laboratories.
- Heads concerned evaluate the request for maintenance requirement submitted by Lab In-charges.
- As per the requirement, repairs are carried out by the lab instructors or faculty members. These services are done with the approval of the Principal.
- After service, the work completion statement and bills are submitted to the AO Office.
- Annual stock verification is done at the end of academic year for maintaining the laboratory good working condition.

b. Computer Laboratories Maintenance facilities:

- System complaint register is maintained to rectify the problems identified by students.
- Periodic maintenance like regular cleaning of the lab spaces, software updates, and antivirus updates are done after registering in service and maintenance register.
- Concerned Heads evaluate the request for maintenance requirement submitted by Lab In-charges.
- Annual stock verification is done at the end of every academic year so as to maintain laboratories in a good working condition.

ACADEMIC FACILITIES

All Class rooms including tutorial class rooms are well equipped with AV projection. They are perfectly equipped with chairs and tables. Wi-Fi Connection is provided in all verandas and auditorium heads concerned evaluate the maintenance requirement of Class Rooms, Tutorial Rooms, Smart Class Rooms, Laboratories, Seminar Halls and the same is submitted to the Principal. IQAC Coordinator ensures the quality of maintenance of Academic facilities.

a. Library Maintenance facilities

- The College librarian maintains the issue details as soft copy to monitor the book circulation among the students and the staff members by scanning their ID card in the digitalized library.
- The library advisory committee visits the library and conducts meeting twice in a year for the betterment of the users.
- Book stock register is properly maintained and Audit of books is performed annually. The library committee conducts annual stock verification, department wise, for ensuring the physical presence of books in the library.
- The Librarian is evaluating the maintenance requirement and the request is submitted to the Principal.

SUPPORT FACILITIES

a. Campus Maintenance Facilities

An exclusive Maintenance department takes care of the complete campus maintenance.

- College maintenance department takes care of maintaining electrical work, physical facilities like Furniture, RO plant, Electricity Generator, UPS, AC, Transport facility and also monitors the campus cleanliness and gardening.

- Computer hardware and software, printers, Wi-Fi, and LAN connection of every department are well checked periodically and issues regarding the hardware trouble shooting, software installation and network are also monitored and maintained by CSE Department.
- Separate complaint registers are maintained for various services in each and every department. The Principal evaluates the request for maintenance requirement submitted by all the departments.
- In the beginning of each semester, the readiness of the classrooms and labs are checked by a team of technicians. Regular inspection, maintenance of furniture and classroom equipment is done on regular basis.
- College account section maintains the students' fees collection, attendance & salary details of teaching & non teaching staff. Component movement registers, Auditorium utilization register and maintenance register are well taken care by the administrative office.

b. Sports facilities

- College physical education department takes care of sports equipment maintenance, gym maintenance and outdoor ground maintenance as per the gaming rules.
- A stock register and an issue register are maintained to ensure the proper handling of the sports items.
- The play ground is regularly cleaned and well maintained under the supervision of the Director of Physical Education.
- The Principal evaluates the request for Maintenance Requirement submitted by the Director of Physical Education.

c. Transport Facility

- College provides transportation facilities for both students and staff members. Buses and other vehicles like car and bikes are well maintained by the office. Grievances and other transport related issues are rectified through transport submitted in the office.

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

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 the last five years

Response: 88.13

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

2018-19	2017-18	2016-17	2015-16	2014-15
1035	1284	1456	1618	1625

File Description

Document

Upload self attested letter with the list of students sanctioned scholarships

[View Document](#)

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

[View Document](#)

5.1.2 Average percentage of students benefited by scholarships, freeships, etc. provided by the institution besides government schemes during the last five years

Response: 11.9

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

2018-19	2017-18	2016-17	2015-16	2014-15
167	184	193	170	220

File Description

Document

Any additional information

[View Document](#)

5.1.3 Number of capability enhancement and development schemes –

1. For competitive examinations
2. Career counselling

3. Soft skill development
4. Remedial coaching
5. Language lab
6. Bridge courses
7. Yoga and meditation
8. Personal Counselling

Response: A. 7 or more of the above

File Description	Document
Details of capability enhancement and development schemes	View Document
Any additional information	View Document
Link to Institutional website	View Document

5.1.4 Average percentage of student benefited by guidance for competitive examinations and career counselling offered by the institution during the last five years

Response: 30.26

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

2018-19	2017-18	2016-17	2015-16	2014-15
424	536	324	625	464

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

5.1.5 Average percentage of students benefited by Vocational Education and Training (VET) during the last five years

Response: 34.36

5.1.5.1 Number of students attending VET year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
403	486	564	640	649

File Description	Document
Details of the students benefitted by VET	View Document
Any additional information	View Document

5.1.6 The institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases

Response: Yes

File Description	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
Any additional information	View Document

5.2 Student Progression

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

Response: 74.23

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

2018-19	2017-18	2016-17	2015-16	2014-15
286	390	342	390	340

File Description	Document
Self attested list of students placed	View Document
Details of student placement during the last five years	View Document
Any additional information	View Document

5.2.2 Percentage of student progression to higher education (previous graduating batch)**Response:** 3.01**5.2.2.1 Number of outgoing students progressing to higher education**

Response: 11

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

5.2.3 Average percentage of students qualifying in State/ National/ International level examinations during the last five years (eg: NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil Services/State government examinations)**Response:** 20**5.2.3.1 Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) year wise during last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	1	0	0

5.2.3.2 Number of students who have appeared for the exams year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	1	0	0

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	View Document

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) during the last five years.**Response:** 0

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

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	0	0	0

File Description	Document
Number of awards/medals for outstanding performance in sports/cultural activities at national/international level during the last five years	View Document

5.3.2 Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution**Response:****Internal Quality Assurance Cell (IQAC)**

The responsibility of IQAC is to initiate, plan and supervise various activities which are necessary to increase the quality of education imparted in college. The role of IQAC is to maintain the quality of standards in teaching, learning and evaluation.

Anti Ragging

A committee is created to control any form of ragging inside or outside of the campus. The student members of the anti ragging committee help the newcomers to increase their self-confidence through counseling.

Women Empowerment Cell

The college has established a women Empowerment cell in the college campus to empower girl students, to enhance understanding of issues related to women and to make the college campus a safe place for women students.

Students Association

Students association exists in all the departments and they organize co-curricular and extracurricular activities through their individual association.

Class Committee

A class committee is formed for every class in which faculties of the class, student representatives concerned and a chairperson who is not handling any subject for the particular class are members as per university norms.

Cultural & Fine Arts Club:

The fine arts club encourages the students to express their thoughts, feelings and creativity through various visual arts. The institution intends to uphold the relative merits of the students and to expose them to society by constant motivation and encouragement.

Readers Club

The Readers Club creates an opportunity for the people to become enthusiastic and enthralled with the wonderful world of literature.

Consumer Club

The club educates and motivates the Consumer Club Members about the rights and responsibilities of consumers and makes them inculcate valuable inputs among the public.

Energy Club

The main objective of the club is to increase the contribution of renewable sources of energy. It is essential to provide support and incentives for the productive sectors to reduce energy wastes.

Communication (Toastmasters) Club

The mission of Toastmaster's club is to provide a supportive and positive learning experience in which members are empowered to develop communication and leadership skills.

Tamil Mandram

The main aim of Tamil Mandram is to spread the significance of Tamil language, history and cultural values.

E3 (Eco & Environmental Engineering) Club

The club promotes modern, sound engineering and environmental knowledge to students so as make them meet out the special needs of environmental protection in industry and in the service sector.

National Service Scheme

The NSS is a part of our academic, social and personal life as it is the third dimension of education. It allows the students to actively contribute their services for the cause of community and the nation, thus helping them to develop their personality.

Youth Red Cross

The YRC movement is based on the principles of protection of health and life, service to the sick and suffering, promotion of national and international friendship, developing moral values.

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

5.3.3 Average number of sports and cultural activities/ competitions organised at the institution level per year

Response: 4.6

5.3.3.1 Number of sports and cultural activities / competitions organised at the institution level year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
6	6	5	3	3

File Description	Document
Report of the event	View Document
Number of sports and cultural activities / competitions organised per year	View Document
Any additional information	View Document

5.4 Alumni Engagement

5.4.1 The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and non financial means during the last five years

Response:

Shree Venkateswara Hi-Tech Engineering College has an alumni association named as SVHECAA. The association exists from the beginning of the college and it was registered in the year 2020 . Every year the alumni meet provides an outstanding opening for the institution to haul out experiences from alumni and make students prepare for the industry. Below are the input objectives of the alumni association.

1. To progress knowledge by the way of providing reserve person and the experts through Alumni

members.

2. To organize campus placement, projects, in plant training and field visit.
3. To improve a good coordination among the Alumni Members and to the Institute by way of organizing reunions, meets and conclaves.
4. To improve infrastructural and other facilities by getting chariting from Alumni.
5. To make students visit various companies related to their field and gain practical knowledge which will be useful for them in future.
6. To arrange a tour to nearby places so as to enable students set wonderful memories, about their college

Every year, the alumni association conducts alumni meet. Meetings of the association have been organized during last five years in the college campus. It is a golden opportunity for the students and faculty members to interact with the alumni and share their experience. The feedback of alumni contributes to fill the gap between subject knowledge and practical knowledge and understanding between the students and faculties. Various programs on interview skills, personality development, higher studies and career counseling are organized based on the suggestions given by alumni. Infrastructure facilities are being regularly upgraded or expanded to meet the requirements and aspirations of the students based on the suggestions given in alumni meet.

The alumni, who have succeeded in their career, interact with the students on all aspect and guide their life skills them to improve. Alumni of the college bring students up-to-date information about various career opportunities and corporate requirements. It is the goal of our college to create and maintain a life-long connection between the institute and the alumni.

Our primitive alumni are

1. N. Praveen , Lead – QA / Photon Interactive Pvt.Ltd, Chennai.
2. P. Hariprakash , Design Engineer / Hirotech India Pvt.Ltd, Coimbatore.
3. M. Boopal, Technical Assistant / Tamil Nadu State Highway Department, Gobi.
4. C. Mohan Babu , Site Engineer / JCR Creators, Coimbatore.
5. A. Maithri, Software Developer, Cognizant Technology Solution, Coimbatore.
6. P. Tharun Kumar , Detailer / PDS Pvt Ltd , Chennai.
7. R. Karuppasamy, Entrepreneur / Own Business.
8. R. Eswara Moorthi , GET / Metal ManAuto India Pvt Ltd, Hosur.

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

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

Response: <1 Lakh

File Description	Document
Alumni association audited statements	View Document

5.4.3 Number of Alumni Association / Chapters meetings held during the last five years

Response: 5

5.4.3.1 Number of Alumni Association /Chapters meetings held year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
1	1	1	1	1

File Description	Document
Number of Alumni Association / Chapters meetings conducted during the last five years	View Document
Any additional information	View Document
Report of the event	View Document

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

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

Response:

VISION

To become a premier technical institute by producing value based competent professionals with scientific temper, team spirit and ethical values.

MISSION

- To excel as a centre of excellence by providing quality technical education through Innovative teaching learning process with state- of- the- art infrastructure and laboratories.
- To produce competent professionals by inculcating employability skills, leadership skills, communication skills with social responsibilities and ethical values.
- To perform quality research that advances science and technology while preparing researchers to find solutions for complex technological / engineering problems related to industry and society.
- To provide holistic learning ambiance that will stimulate the students of highest caliber.

The nature of governance, perspective plans and participation of the teachers in the decision making bodies

Governance

Shree Venkateshwara Hi-Tech Engineering College, was founded by Shree Venkateshwara Educational and Charitable Trust in the year 2008 with the divine aim of educating the students of rural background. Our Chairman hailed from village background and worked as a contractor in TNEB. Then he started Saravana Engineering Bhavani Pvt. Ltd.at Bhavani. Now, he is the Managing Director for one of the major companies producing Hydro power plant in Tamilnadu & Kerala. Our Secretary was born and brought up in an agricultural family and did real estate business besides actively involving in politics. He was an MLA and Chairman of Bhavani Municipality. Now ,he is the Minister for Environment.

The institute has adopted best practices in Governance & Leadership, by way of having clear Vision & Mission statements. The Management actively takes part in monitoring the institution. A standard academic procedure is created with enabling atmosphere. The Institution also provides an excellent infrastructure equipped with state- of- the- art infrastructure and laboratories. It imparts value based competent professionals and prepares them for a dynamic engineering career with ethics. It sensitizes the students to uphold academic excellence and become technically competent.

The governance is reflected by effective leadership of the following decision making bodies

- **Governing Council (GC)**
- **Academic Council (AC)**

- **IQAC**

Perspective plans

The institute has a perspective plan in tune with the vision and mission of the college as detailed below

NAAC Accreditation

To get research centre recognition for all the departments

To become an Autonomous Institution

To get NBA accreditation for all departments

To Establish centers of Excellence in all department.

Participation of the Teachers:

The Institution has employed experienced and empathetic staff to guide and nurture the budding students to become responsible citizens. The Principal regularly convenes meetings with IQAC and HODs to discuss on various issues and make decisions. All such decisions are disseminated to the faculty by Heads of the departments for implementing the decisions taken by GC, AC and IQAC.

Teachers are the core members who directly interact with the students. Their participation in decision making plays a vital role. They are representatives of various committees formed at department level and institute level where the decisions and opinions of committee members play a crucial role in decision making.

File Description	Document
Link for Additional Information	View Document

6.1.2 The institution practices decentralization and participative management**Response:**

Shree Venkateshwara Hi-Tech Engineering College functions with an efficient decentralized administration that has an absolute transparency in all the processes.

Decentralization in working

The institution is governed at different levels. The responsibility of the day to day running of the institution is decentralized into the following levels;

Governing Council

Management

Principal

Head of the Department

Faculty Members

Students

1. Academic related powers are delegated to the Academic Heads and Academic Coordinator by the Principal.
2. All the departments of the institution function under the direct supervision of the Principal. Day-to-day academic activities of the departments are taken care of by the Head of the departments.
3. Examination work is entrusted to the Exam cell in the college.
4. Administrative office, examination section, library and all the UG and PG departments function under the direct supervision of the Principal
5. The Principal conducts meeting time to time with the Head of the departments to discuss various issues and resolutions passed for further action.
6. Similarly, the outcomes of the meeting are conveyed to the individual faculty for implementation.
7. Senior faculty members co-ordinate various academic activities.
8. Placement activities are delegated to all the department placement coordinators through training and placement cell.
9. Administrative officer takes care of Administration work.
10. Co-curricular and extra-curricular activities are delegated to the faculty in-charges of various departments.

Participative Management:

- Strategic Level

The institution enforces a participative management habit by including all the stakeholders in different activities. This level is involved in framing out various programs during the academic year and approving of the budgets.

- Functional Level

Staff members meet, plan and share their ideas for conducting various events in the institution. Different groups including faculty members are formed to discharge different roles and responsibilities in conducting co-curricular and extra-curricular activities.

The list of various committees to decentralize the academic and administrative activities is given below.

- Governing Council
- Academic Council
- IQAC
- Anti-Ragging Committee
- Anti-Ragging Squad

- Discipline and Welfare Committee
- Grievance Redressal Committee
- Internal Complaint Committee
- Planning and Monitoring Board
- SC/ST Committee
- Student Counselor
- Admission Cell
- Research and Development Cell
- Examination Cell
- Industry Institute Partnership Cell
- Women Empowerment Cell
- Right to Information Cell
- Entrepreneurship Development Cell
- Hostel Committee
- Library Committee
- Alumni Association

Apart from the above committees students are encouraged to become the member of the following clubs so as to broaden their skills, horizons and explore their hidden talents.

- Cultural and Fine Arts Club
- Readers Club
- Consumer Club
- Energy Club
- Communication (Toast Master's) Club
- Tamil Mandram
- E3 (Eco & Environmental Engineering) Club
- National Service Scheme (NSS)
- Youth Red Cross (YRC)
- Red Ribbon Club (RRC)

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

6.2 Strategy Development and Deployment

6.2.1 Perspective/Strategic plan and Deployment documents are available in the institution

Response:

Perspective/Strategic plan and Deployment

- Each and every department design their own plan to improve the quality of programs and

institutions.

- Once the plans are approved by the Head of the Institution, every department works on its strategic plan to achieve the goal.
- The Institution believes in the development of excellence in all spheres of ongoing process. This is made feasible with the help of perspective / strategic plan that chalk out the necessary action to be taken to grow and develop.
- The Institution provides a good atmosphere for the students to excel in their studies and come out successfully.

The Institution has plans for the development of Strategic/perspective plan for the period from 2019-2024.

S.No	Strategic/Perspective plan	Deployment
1.	To get NAAC accreditation in 2020	Process is implemented
2.	To get funds from various funding agencies like ICMR, DRDO, DST, CSIR and AICTE to organize conferences / seminars / workshops / FDP / MODROBS etc in 2022	Sending more proposals from each department to various funding agencies
3.	To get research centre recognition for all departments in 2021	http://www.svhec.com/NAAC/C3/3.1.2.p
4.	To encourage all faculty members to publish papers in reputed International/National journals with good impact factor in 2021	http://www.svhec.com/NAAC/C3/3.3.4.p
5.	To motivate all the faculty members to register Ph.D in 2021	Motivating all the faculty members to register PhD in their respective disciplines.
6.	To become an Autonomous Institution in 2021	Initiating the Autonomous Process in all the levels
7.	To produce maximum number of university rank holders in each programme.	So far 51 university ranks have been secured . This will motivate the toppers to achieve university ranks http://www.svhec.com/pdf/rank.pdf
8.	To develop more number of smart classrooms and	http://www.svhec.com/NAAC/C4/4.3.4.p

	video theatres for each departments.	
9.	To Intensify the activities of Industry Institute Interaction cell for undertaking more industry oriented projects.	http://www.svhec.com/NAAC/C3/3.5.2/3.5.2.2.pdf
10.	To offer more consultancy & Testing services in all departments in 2022.	Already consultancy & Testing services are going in the Department of Civil Engineering. This will get extended to all other branches towards the industrial requirements.
11.	To setup industry supported laboratories.	http://www.svhec.com/NAAC/C3/3.2.1.pdf
12.	To setup Technology Business Incubation centre.	http://www.svhec.com/NAAC/C3/3.2.1.pdf
13.	To establish energy sources and make use of LED bulbs to save electricity inside the campus in 2021.	http://www.svhec.com/NAAC/C7/7.1.4.pdf
14.	To implement green environment like waste management, rain water harvesting structures, green landscaping, paperless office, plastic free campus etc.	Rain water harvesting structures www.svhec.com/NAAC/C7/7.1.6.pdf Green Practices www.svhec.com/NAAC/C7/7.1.7.pdf
15.	To sign more MOUs with core industries / foreign universities in 2021.	http://www.svhec.com/NAAC/C3/3.5.2/3.5.2.2.pdf

File Description	Document
Any additional information	View Document
Strategic Plan and deployment documents on the website	View Document

6.2.2 Organizational structure of the institution including governing body, administrative setup, and functions of various bodies, service rules, procedures, recruitment, promotional policies as well as grievance redressal mechanism

Response:

Organogram:

All important policy decisions are taken by the Governing Body. Administrative set up of the institution is as per the organization chart of the institution. The decision making procedures are made at appropriate levels in the organizational hierarchy. For the proper functioning of the Institute an hierarchy is maintained as per the organization chart and responsibilities are carried out at all the levels.

Governing Body:

The main function of the Governing Body is to decide the overall strategic direction in terms of approval of the academic, financial and administrative policies of the institution; to appoint faculty members and staff; to review the annual report & the audited accounts and budget estimates towards educational quality of the institute.

Administrative setup, and functions of various bodies:

Shree Venkateshwara Hi-Tech Engineering College is running with a governing body and active administrative bodies under Shree Venkateshwara Charitable Trust. The Chairman, Secretary and Directors are taking care of functioning and operations of academic and administrative part of the Institution. The Principal leads the academic and administrative departments of the entire college. The Vice-Principal and HODs are in-charge of academic and administrative functioning of the each individual departments in addition to Research and Development, Industry Institute Interaction, Planning and Development, Students – Co-Curricular and Extra Curricular Activities.

Roles and Responsibilities of HoDs

- Implement and monitor day-today activities of the department
- Prepare a road map for the department and propose a financial budget
- Assign responsibilities to the teachers and supporting staff
- Ensure proper appraisals and evaluation of the faculty and technical staff.

The college has various committees to monitor the excellence of the Institution. As recommended by AICTE & Anna University, we are proceeding with 09 Mandatory Committees followed by 17 common committees with 11 Institution clubs.

Service rules, procedures, recruitment, promotional policies

Faculty members are recruited as per the norms of AICTE and State Government. For every selection, a staff selection committee is constituted with subject experts . Promotions of faculty and staff members are through the SVHEC selection process.

Petition and Grievances Committee

Students can make representations in respect of grievances related to academic through the respective Class Advisor, Mentors, HoD, Vice-Principal and Principal. When students are not satisfied with the

outcome of their representations, they can make representations to the Grievances & Redressal Committee.

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

6.2.3 Implementation of e-governance in areas of operation

1. Planning and Development
2. Administration
3. Finance and Accounts
4. Student Admission and Support
5. Examination

Response: A. All 5 of the above

File Description	Document
Screen shots of user interfaces	View Document
ERP Document	View Document
Details of implementation of e-governance in areas of operation Planning and Development, Administration etc	View Document
Any additional information	View Document

6.2.4 Effectiveness of various bodies/cells/committees is evident through minutes of meetings and implementation of their resolutions

Response:

- For the smooth functioning of the institution, different committees / Cells are constituted at institute level.
- With the leadership of the Principal and HoDs, every committee will be allocated with detailed tasks pertaining to the necessities of conducting college functions. Heads of the committees monitor the mechanisms and its functionalities. Minimum required meetings will be held prior to the role in the presence of the Principal, HODs and Committee heads. The committees are constituted in two levels as statutory committee and Non Statutory committee. Members are reorganized for change of committees for different utilities. This enables the members to get familiarized with any kind of activities related to any function. Conducting of functions care for union.
- **The details of various Committees & cells are available on the website.**

Mandatory Committees

S.NO.	NAME OF THE STATUTORY COMMITTEES
1.	Anti Ragging Committee
2.	Anti Ragging Squad
3.	Discipline and Welfare Committee
4.	Governing Council
5.	Grievance Redressal Committee (GRC)
6.	Internal Complaint Committee (ICC) – as per section 4 Sexual Harassment of women at workplaces
7.	Planning and Monitoring Board
8.	SC/ST Committee
9.	Student Counselor
10.	Intellectual Property Rights Cell (IPRC)
11.	Right to Information Cell

Institution Committees

S.NO	NAME OF THE NON STATUTORY COMMITTEES
1.	Admission Cell
2.	Internal Quality Assessment Cell (IQAC)
3.	Research and Development Cell (R&D)
4.	Academic Assessment Council (AAC)
5.	Examination CELL
6.	Industry Institute Partnership cell (IIPC)
	• Carrier Guidance, Training and Placement
7.	Women Empowerment Cell (WEC)
8.	Entrepreneurship Development Cell (EDC)
9.	Minority Cell
10.	OBC Cell
11.	Equal Opportunity Cell (EOC)
12.	Differently-abled persons welfare committee
13.	Hostel Committee
14.	Library Committee
15.	Alumni Association

Institute Club's

S.NO	NAME OF THE CLUBS
------	-------------------

1.	Cultural & Fine Arts Club
2.	Readers Club
3.	Consumer Club
4.	Energy Club
5.	Communication (Toast Master's) Club
6.	Tamil Mandram
7.	E3 (Eco & Environmental Engineering) Club
8.	National Service Scheme (NSS)
9.	Youth Red Cross (YRC)
10.	Red Ribbon Club (RRC)
11.	Science Club

- Minutes of meetings and implementation of some of the committees are attached

File Description	Document
Any additional information	View Document
Link for 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:

Shree Venkateshwara Hi-Tech Engineering College authorities bear in mind, the well being of teaching and non-teaching staff as important for the effective functioning of the institution. In line with this, many welfare measures have been implemented.

Welfare Measures for teaching staff:

1. Group insurance as a matter of social security.
2. Employee Provident Fund with pension scheme.
3. IOB ATM location in the campus.
4. Cash awards and certificates of appreciation for academic excellence.
5. Marriage leave.
6. Maternity leave for Female staff.
7. Free hostel Accommodation and Food.
8. Free Transport facility.
9. Free Medical emergency transportation.
10. On duty for pursuing Ph.D.

11. Concession of fees for the children of faculty in Shree Venkateshwara Group of Institutions.
12. Financial assistance for presenting papers in seminars and workshops, participating in Faculty Development Programmes, Internship programmes organized by the reputed institutions.
13. Incentives for grant proposal received from R&D organizations.
14. WI-FI and Internet Connectivity.
15. Summer and Winter Vacation based on Station Experience.
16. Permission and Casual Leaves.
17. Festival Gifts
18. Tea and Snacks (Morning and Evening).

Welfare Measures for Non-Teaching staff:

1. Group insurance as a matter of social security.
2. Special Marriage leave.
3. Free hostel Accommodation and Food.
4. Free Transport facility.
5. IOB ATM location in the campus.
6. Free Medical emergency transportation.
7. Concession of fees for children of staff in Shree Venkateshwara Group of Institutions.
8. Salary Advance for needy staff members.
9. Free uniforms for bus drivers and security personnel.
10. WI-FI and Internet Connectivity.
11. Summer and Winter Vacation based on Station Experience.
12. Permission and Casual Leaves.
13. Bonus and gifts on the occasion of Diwali festival.
14. WI-FI, Internet Connectivity provided to all the staff members.
15. Tea and Snacks (Morning and Evening).

File Description	Document
Any additional information	View Document
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: 28.35

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

2018-19	2017-18	2016-17	2015-16	2014-15
20	46	65	90	62

File Description	Document
Details of teachers provided with financial support to attend conferences,workshops etc during the last five years	View Document
Any additional information	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: 7.8

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

2018-19	2017-18	2016-17	2015-16	2014-15
8	7	8	10	6

File Description	Document
Reports of Academic Staff College or similar centers	View Document
Details of professional development / administrative training programs organized by the Institution for teaching and non teaching staff	View Document
Any additional information	View Document

6.3.4 Average percentage of teachers attending professional development programs viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Program during the last five years

Response: 3.21

6.3.4.1 Total number of teachers attending professional development programs, viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Programs year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
05	08	06	06	13

File Description	Document
IQAC report summary	View Document
Details of teachers attending professional development programs during the last five years	View Document
Any additional information	View Document

6.3.5 Institution has Performance Appraisal System for teaching and non-teaching staff

Response:

Self appraisal is a performance review system where the performance of faculty members are evaluated annually. The college follows a systematic Performance Appraisal System for teaching and non-teaching staff.

Performance Assessment of teaching staff is based on following parameters:

The performance assessment of Professor / Associate Professor & Assistant Professor is evaluated on the following parameters:

- Result analysis : Pass percentage and Class average
- Participation in FDPs, Seminars and workshops
- Organization of FDPs, Seminars and Workshops

Involvement in research and consultancy:

The components considered are:

- Papers presented in Conferences
- Papers published in Journals
- Participation in research activities
- Funded project proposed and sanctioned

Participation in Department and Institutional Development:

- Faculty roles and responsibilities in the department work/Institutional work
- Faculty advisor/ Class advisor
- IQAC coordinator
- Members in department/ Institution level committee

Awards and Recognition:

- Awards won at state, national and international levels/NGO
- Recognition such as peer review, guest lecture etc..

Performance Assessment of non-teaching staff is based on the following parameters:

- Technical Ability
- Level of knowledge
- Methodical and Systematic working
- Punctuality in work
- Regularity in attendance
- Relations with Superiors and Colleagues

Both the teaching and non teaching staff submit their annual performance appraisal report at the end of every academic year. The report also includes assessment by the HoD concerned under the parameters mentioned above with regard to the working of the staff during the year. The HoDs submit the performance appraisal report with their remarks to the Principal. The Principal reviews the reports and finally submits them to the management.

The Performance Appraisal System has revealed an opportunity for every faculty member to know their strengths and weaknesses. The accomplishment of this evaluation process is the development of the institution along with the self-growth of every staff member. The scores are also considered for increments. The system has been implemented successfully for the past ten years and found to be more effective to enrich the credentials of the faculty members.

The above methodology of merit rating has helped the institution to identify and reward meritorious employees and to positively motivate them.

File Description	Document
Any additional information	View Document

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

Financial planning is carried out annually by the Principal and the Administrative Officer considering the budget proposals submitted by the respective authorities of the institute and the income & expenditure of the last financial year. The prepared budget proposal is placed before the Governing Council for approval. Financial activities are carried out by accounts manager under the guidance of the Principal. This process is scrutinized by the Internal Financial Auditor. The Internal Financial Auditor has freedom to suggest and revise the formats of relevance, based on the feedback received from the students and faculty, in consultation with Principal. Budget allocation is done every academic year for each department under the respective heads. Utilization is tracked periodically through internal and external finance audits.

INTERNAL AUDIT AND EXTERNAL AUDIT:

Internal Audit:

An effective Mechanism is followed by the Institution for Auditing all the Accounts. The institution has

appointed a full time Internal Auditor designated as Finance Officer who verifies internally, checks bills and vouchers, passes the bills, manages the fund and determines the fee after discussion with the management.

Finance relevant meeting is conducted every 3 months to determine mobilization of funds, adequacy of sanctioned budget and a valid building of funds. The members also discuss the utilization of funds for the remaining days up to the end of the financial year.

Every financial year in the month of January, Internal Auditor with financial team conducts Internal Audit till the end of January. The Internal Audit findings is submitted to the Principal and the Management for further action. The financial team then conducts a meeting with the Principal and the HoDs to find out the root cause analysis towards audit findings and rectifies the same as soon as possible.

External Audit:

For every financial year in the month of February and March, the External Auditors from our authorized Chartered Accountant Officer visits our institution on daily basis and observes all the Bills, Vouchers, Digital Transactions etc. The external audit findings are submitted to the management.

The Management instructs the Principal and the Financial team to overcome the non-conformity in audit findings and further action taken to resolve the same as soon as possible.

Finally, audited statements are prepared with recurring Income and Expenditure details and Balance Sheets, to calculate cumulative values of fixed assets.

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

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

Response: 0

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

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	0	0	0

File Description	Document
Details of Funds / Grants received from non-government bodies 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:

Tuition fee:

Admissions of students are made through Anna University Counselling (TNEA) under Government Quota (65%) and Management seats are admitted through Consortium of Self Financing Professional Colleges in Tamil Nadu (35%) with the collection of fees as prescribed by the Tamil Nadu Government higher education regulations.

Corpus Donation :

Shree Venkateshwara Hi-Tech Engineering College is functioning under Shree Venkateshwara Educational and Charitable Trust through Corpus Donation / Funds. The funds are utilized to develop construction of buildings, procurement of equipments, furniture and consumables. The trust also provides Scholarship to the meritorious, poor and needy students.

Grants from Government Organizations & Non Government Organizations:

Grants through proposals are sought from various Government Organizations such as AICTE, ISRO, UGC, DST- NIMAT, SEBO, SERB, etc., and the amount received are judiciously utilized to meet the recurring and non recurring cost of institutions.

Availing Loan:

Term and hire purchase loans from banks with reduced rate of interest are availed to fulfil institutes requirements.

PREPARATION OF BUDGET:

- Every department prepares in advance the budget, required for the next academic year.
- Based on the recommendations of the Governing Council, the Secretary will sanction institutional budget for the financial year.
- After every purchase, entry will be made in the respective department stock registers and financial transactions are recorded in the book of accounts.
- The utilization of funds allocated to each department will be monitored.

OPTIMAL UTILIZATION:

Construction of Buildings and Infrastructure Facilities:

The institution management utilizes the funds for contribution of buildings, infrastructure facilities and maintenance as approved by the Governing Council.

Further, according to financial requirement of each department, budget amount will be allocated annually. Such budget will be discussed with the IQAC Monitoring, Planning and Governing Council so as to utilize funds properly.

The institution purchases new transport vehicles (buses/vans) based on student strength, through hire purchase loans from banks which are repaid with reduced rates of interest from the reasonable transport charges collected from the students.

Recurring Expenses:

Fees collected from students are utilized for the salary of teaching faculty and non teaching staff, academic activities and loan payment.

Research and project activities:

In order to cover many research projects, the institution encourages students and faculty members to update their knowledge on recent socio-economic strategies and use basic resources in the institution.

Co-Curricular Activities:

The institution conducts the above said events regularly for students and faculty. In addition, development activities matching with the latest technologies, innovations, researches, changes and needs of the society are also conducted. These events are conducted from the funds received from the professional bodies & funding agencies with the support of management contributions.

Green Atmosphere & Waste Management:

- Usage of Tobacco and Smoking are restricted in the campus area.
- The campus is Plastic Free

Enough care is taken for cleanliness in the campus, which co-exists with godliness and fund is utilized, judiciously. The institution utilizes the policy of bio waste management effectively as it provides revenue.

File Description	Document
Any additional information	View Document
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:

The IQAC was established in 2017-18 in our institution for improving the quality process of all the systems. After the establishment of IQAC, there is continuous improvement in various systems. We have herewith furnished the two practices institutionalized as a result of IQAC initiatives.

Practice 1 :

Student Skills Development Program

There is rigorous requirement for students skills development program as majority of students in institute are from rural background and they lag in various software skills including communication skills. Hence the placement and training cell along with IQAC takes initiatives to improve these skills, from first year onwards. The first year B.E. students are exclusively trained in communication skills by inviting experts from outside. These experts, in turn, take efforts to develop the speaking and writing skills of students through various activities. As the classes are conducted in the beginning before the start up of the regular course, students learn the language easily. The trainers also encourage the students to come out and speak confidently on a topic.

In order to meet out the expectations of companies, the second, third and final year students are trained in leadership skills and problem solving skills besides communication skills. Keeping in view of the overall development of students, the college has signed MoUs with many companies and the students visit these MoU signed companies regularly. Guidance is given to students to write various competitive exams like UPSC/ TNPSC Examinations and Career opportunities. Awareness programmes are also conducted on Civil Service exam, banking exams, Competitive Exams and other State & Central government examinations.

Practice 2:

Mentoring system for the students:

As the students aspiring for higher education are from various geographical backgrounds with different cultures, they are unable to cope up with common culture. Moreover, the medium of instruction in the earlier study leading to inferiority complex, home-sickness and fear of complexity on higher education are the reasons for implementation of mentoring system.

Each faculty of the institution, play the role of mentor for a group of students ranging from 10 to 20 . Mentors for first year students are from the department of Science & Humanities. second, third and final year students have their mentors from their respective departments. Mentors encourage the students to participate in academic, co-curricular, extracurricular and social activities. They analyze the SWOC of students for corrective action and give them personal counseling. Students are also counselled in front of their parents, if needed. Mentors recommend online courses to their mentees. Mentors take special interest to help the mentees individually for their holistic development. Mentors also help Mentees to improve their

communication skills, personality development, leadership skills, soft skills, interpersonal skills etc.

File Description	Document
Any additional information	View Document
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

Response:

The IQAC periodically reviews and continuously upgrades the quality of teaching-learning process by way of enhanced academic activities, effective training and timely academic audit for quality assurance. Class committee meetings, Classroom observation by Principal/HODs, Department meetings, HODs Meetings, Internal assessment evaluation, Students' feedback and Management review meeting play a vital role in improving efficiency at workplace. These frequent reviews have enabled to achieve desired targets by the end of the academic year. Feedback is collected, consolidated and analyzed by each department during Mid-session of semester and End-Semester. The college strongly believes that the best approach for teaching and learning quality is to provide freedom for teachers and students to undertake self-motivated improvement activities with the goal of continuous improvement in their performance.

Review of Teaching-Learning Process and its Outcomes:

- Detailed lesson plan of each course is prepared by the faculty concerned, before the commencement of next semester.
- Academic calendar is prepared during commencement of the academic year with the dates of internal assessments and model exam.
- Each faculty is maintaining a logbook for recording the students' attendance and track the syllabus coverage which is periodically attested by the HOD and Principal.
- For regular tracking of portion coverage, attendance, internal assessments etc
- College Campus Management System Software comes handy. Each and every academic activity is recorded up-to-date in the software. So the Principal and HOD easily monitor the activities.
- The Software also provides information to the parents about the attendance of the students
- Students feedback is taken at regular intervals to ensure the quality of teaching and teachers are counseled if required.
- Students are assessed based on their performance in the three internal assessment tests and one model exam for theory subjects. Assessment for practical subjects is done through model practical exam and viva voce questions.
- Remedial classes are conducted from the first semester, based on the performance of the students in their internal assessment tests. The subject handling faculty identifies the slow learners of their subject and conducts special coaching classes for them after college hours.
- Result analysis meeting is conducted after each assessment test and action plan for improvement of

result is drawn, in case, if the result of subject is poor.

Thus the teaching learning process is made more effective and meaningful.

Methodologies:

IQAC regularly conducts meetings with Head of the departments and Academic review/audit is a regular feature in the institute for continuous monitoring of the teaching learning process.

Examples of teaching learning reforms:

1. Easy access of study materials

- Apart from the textbooks given for all the courses, comprehensive study materials are prepared by the faculty members from the online Book Bank and are given to all the students.
- Online tutorial videos and NPTEL videos are created and uploaded in the website and LAN in the campus for the benefit of students.
- Video lectures of faculty members on important topics are also made available.
- Students are also given you tube links related to their subject topics for easy access.

- Faculty and students based on their domains are encouraged to register and undergo online certification courses in SWAYAM (NPTEL).
- ICT tools are used in teaching learning process for making students understand concepts easily.
- Google classrooms are created for all classes to improve teaching learning process.

2. Pre-placement training and company-specific training

- Exclusive placement training for students from their first year to the final year is planned and executed by Placement and Training Cell.
- IQAC has been instrumental in providing inputs to the Placement and Training Cell.
- The Placement and Training Cell along with IQAC design a Training Module for all the four years separately.
- First year B.E. students are exclusively trained in communication skills by inviting experts from outside. These experts, through various communicative activities like Self Introduction, Just a Minute, Debate, Role Play etc. improves the English proficiency of students and helps them to speak confidently, though with grammatical mistakes, initially.
- As per the suggestions by IQAC, from second year onwards, different teaching learning activities like group discussions, Brainstorming, Mock interviews, technical quiz, student seminars, surprise test, etc. are conducted by the course teachers for the students. Through participation, students showcase their understanding level and the outcomes are reviewed by taking feedback.
- The performance of the students in aptitude and analytical skills are evaluated periodically through tests.
- Third year and final year students have English communication hour in their regular timetable. During the hour, students are given training on topics like group discussion, interview, presentation etc. They are made to address the audience confidently.
- The English language lab installed with Globarena Software helps students to get trained on all the necessary soft skills besides grammar and vocabulary.
- A six day common Pre-Placement training in Aptitude & Soft Skills is in practice from 2012 for the

pre-final year students. Based on the feedback received from the placement team, department specific technical training is also included for all the departments.

- Placement training through online tests and training on aptitude skills are focused during the training.

Company specific training prior to the major recruiters' placement visit is scheduled and all the eligible students are given training as per the requirements of the company

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

6.5.3 Average number of quality initiatives by IQAC for promoting quality culture per year

Response: 7.4

6.5.3.1 Number of quality initiatives by IQAC for promoting quality year-wise for the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
9	8	9	5	6

File Description	Document
Number of quality initiatives by IQAC per year for promoting quality culture	View Document
IQAC link	View Document

6.5.4 Quality assurance initiatives of the institution include:

- 1.Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback collected, analysed and used for improvements**
- 2.Academic Administrative Audit (AAA) and initiation of follow up action**
- 3.Participation in NIRF**
- 4.ISO Certification**
- 5.NBA or any other quality audit**

Response: A. Any 4 of the above

File Description	Document
e-copies of the accreditations and certifications	View Document
Details of Quality assurance initiatives of the institution	View Document
Any additional information	View Document

6.5.5 Incremental improvements made during the preceding five years (*in case of first cycle*) Post accreditation quality initiatives (*second and subsequent cycles*)

Response:

The institute strives to continuously improve and sustain quality in all the aspects of education. The prominent attention of the institution is on quality education which includes academic results, practical knowledge, technical knowledge, extracurricular activities, sports events and social skills. The development of the institution depends on its capacity to draw the human talents to be converted into innovative and valuable research. It certainly leads to the formation of Research Boards at the departmental level and Research Council at the institutional level. Research activities, organizing conferences, availability of scholars to pursue research, the facilities which are needed to improve the institution in the best way, efforts to mobilize funds for research and number of quality publications and planned and reviewed periodically. The Governing Body, Academic Advisory Board, IQAC, Principal, the teaching fraternity, administration, all the departments, the students and other stakeholders jointly contribute towards making the institution focus on excellence. Hence, the students are not only employable in reputed companies but also concentrating on all round development with qualities and confidence of true professionals and turnout to be independent and responsible citizens of the society.

For the academic quality enhancement, department takes up the recommendations of the IQAC. It has been noticed with the continuous persistence and persuasion of the policy matters, the institution has witnessed the incremental improvements in many aspects viz. results, publication by the faculty members and the students, attainment of doctoral status, performances in co-curricular, extracurricular, and extension activities by the students, etc.

Teaching, Learning and Evaluation in the institution is strictly governed by the university. Choice Based Credit System (CBCS), introduced by the University for UG and PG courses, enables the students to choose the prescribed courses, as the core, and elective or soft skill courses, from a range of options, rather than to simply consume what the curriculum offers. They can learn at their own pace and the assessments are graded based on a credit system. It provides an opportunity and flexibility to complete the program by earning the required number of credits. Student-centered learning is an instructional approach in which students influence the content, activities, materials, and pace of learning. The students understanding level is analysed in order to motivate them in positive way. This learning model makes the student (learner) to be the center of the learning process. This approach includes such techniques as substituting active learning experiences for lectures, assignments and problems requiring critical or creative thinking. The students are also encouraged to learn by themselves; self learning which extends the knowledge of the students.

The University as well as the institution has adopted outcome based education to facilitate the students apply engineering knowledge in real life situations. The institution has participated in the National

Institutional Ranking Framework (NIRF) from 2018 onwards in order to know the ranking position of the institution in the national level. Further, the institution has made significant improvement in the following areas during the last five years:

- The library has been updated with latest books and has provided access to a number of national journals, international journals and e-books.
- National Programme on Technology Enhanced Learning (NPTEL) is offered to the staff and the students to supplement and to enhance teaching-learning process.
- ICT tools are used in teaching learning process to make the students understand the concepts easily and make learning as an interesting one.
- In order to make the campus ecofriendly and updated, Barcode technology is being used in the Library Management System.
- All the laboratories in the institution have been upgraded with state of- the-art facilities and equipment benefitting both UG and PG students.
- Each department incorporates incubation centre to impart latest technologies and industrial culture inside the campus.
- The hardware laboratories established in each department provides hands on training so that the students can make use of the hardware and they can apply the theories and concepts in the laboratories.
- The entire campus is Wi-Fi enabled. The students and the faculty members in the institution have access to the internet for academic purposes and they may learn the concepts which are beyond the syllabus but useful for building the students career.
- The institution publishes newsletter describing the outcomes, events and activities, quality improvement practices, the future plans etc. in order to improve the extent of participation of all stakeholders.
- There has been a change from manual feedback to online feedback which is implemented in order to make the students give suggestions and feedbacks easily and it also helps for maintaining the confidentiality.
- The college campus management system software was introduced to update marks, daily attendance, the students' history, portions covered by the faculty members, feedback etc. The parents are also provided the facility to view all the above said information.
- For encouraging the dedication and determination of the faculty members, they are also awarded for producing 100% results in university examinations. The university rank holders are also honoured with medals by the institute for making the students to achieve more in future.
- Yoga and Meditation classes have been conducted for the students to overcome stress and convert it as a positive energy.
- NSS unit exposes the students to service the society and sensitize them towards their social responsibilities which include responsibilities of a human, citizen, family member, student, and also an employee.
- A number of MOUs is established with different companies for the improvement of the institution in terms of academic excellence , Research and Development , Entrepreneurship and Placement .
- Soft skill training , Aptitude training etc., conducted through IQAC enables students to get placed in MNC's like HCL,TCS etc.,
- The 2f Affiliation received from UGC dated January 2014 has motivated the faculty members to send project proposals to UGC so as to receive grants.

File Description	Document
Any additional information	View Document

NAAC

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Number of gender equity promotion programs organized by the institution during the last five years

Response: 23

7.1.1.1 Number of gender equity promotion programs organized by the institution year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
5	5	4	4	5

File Description	Document
Report of the event	View Document
List of gender equity promotion programs organized by the institution	View Document
Any additional information	View Document

7.1.2

1. Institution shows gender sensitivity in providing facilities such as:

1. Safety and Security
2. Counselling
3. Common Room

Response:

All the staff and the students, enjoy the same rights, resources, opportunities and protections in the institution. The following are the practices adopted in the institute to ensure gender equity:

1. Safety and Security

The institution has taken numerous safety and security measures in the campus, They are

- CCTV cameras have been installed at prominent places in the campus, including Auditorium, important corridors, all entrances, boys and girls hostels etc.
- The campus is proved to be secure due to its well maintained security system that is outsourced.
- Transport and Ambulance facility(24X7) is available throughout the day with a driver to reach hospital during emergency.
- Specific rules and regulations about the timings, visitors etc are followed in the girls hostel.

- The appointed Deputy Warden takes care of all the requirements, problems, rules and regulations inside the hostel.
- Faculty members make surprise visits to hostels during night hours also.
- Anti ragging committee takes care of and keeps an eye on the activities in the college.
- The college has a Women Development Cell, Women Redressal Cell and Internal Complaint Committee, which deals with the safety and security of girl students and female staff in the campus.
- The Cell is entrusted with the responsibility of not only addressing issues of sexual harassment if any, but is also endowed with the responsibility of working for Women Empowerment. There have been no cases of sexual harassment in the institution so far.
- An open and transparent system is adopted for selection of staff whether male or female and the institute is proud to have nearly 50% dedicated female staff.
- Doctor and nursing assistance is provided in the campus.
- The institute has made it compulsory for the users of two & four wheelers (staff and students) to carry License with them.
- Users of two wheelers are made to wear helmet compulsorily.

2. Counseling

- Each student of the institute is allocated a mentor who maintains the entire details of the respective student.
- Counseling of girls students is done by Internal Complaint Committee, Women Development Cell and Women Redressal Cell.
- These committees have been formulated to deal with the issues related to gender bias, promote gender sensitivity and educate male and female members regarding gender equality.
- Various programs like motivational talks, health related issues, self defense techniques, environment conservation are conducted by these committees.

3. Common Room

- Separate common room is available for girls inside the college building.
- Proper cleanliness is maintained with recreational facilities for the students.
- The common room is maintained by an attendant for any assistance.
- Sick room is available in the campus with beds.
- A first Aid box is also available in the sick room with common medicines.

File Description	Document
Any additional information	View Document

7.1.3 Alternate Energy initiatives such as:

1. Percentage of annual power requirement of the Institution met by the renewable energy sources

Response: 0

7.1.3.1 Annual power requirement met by the renewable energy sources (in KWH)	
7.1.3.2 Total annual power requirement (in KWH)	
Response: 77328	
File Description	Document
Details of power requirement of the Institution met by renewable energy sources	View Document
Any additional information	View Document

7.1.4 Percentage of annual lighting power requirements met through LED bulbs	
Response: 39.03	
7.1.4.1 Annual lighting power requirement met through LED bulbs (in KWH)	
Response: 10620	
7.1.4.2 Annual lighting power requirement (in KWH)	
Response: 27209	
File Description	Document
Details of lighting power requirements met through LED bulbs	View Document
Any additional information	View Document

<p>7.1.5 Waste Management steps including:</p> <ul style="list-style-type: none"> • Solid waste management • Liquid waste management • E-waste management <p>Response:</p> <p>a) SOLID WASTE MANAGEMENT:</p> <p>Generally no hazardous waste is generated in the campus from any department. The condemned batteries are disposed through outside agencies. Lab incharges take care of the chemicals and safety norms are strictly followed in the laboratory. Students are given safety awareness before utilizing the chemicals. All precautions are taken to store few concentrated acids/chemicals in a safe and separate room.</p> <p>Introduction of more recycling bins on campus may help increase recycling rates. While paper materials are the essential part of classrooms in higher education, SVHEC is more conscious about minimizing paper usage and developing more green classrooms, the institute puts maximum efforts to minimize paper usage.</p>

The generated waste is separately collected at predetermined sampling points including Canteen, Hostels, Workshop and Academic area. The segregated wastes include:

1. *Plastic* : bottles, bags
2. *Paper* : cardboard, paper, newspaper
3. Glass
4. Metals
5. Food waste
6. Garden waste
7. Leather
8. Rubber
9. Textile

The faculty members and students are counselled against the use of plastics to create plastic free campus. The institute has initiated students to use refill pens and minimize the usage of carry bags inside the campus. Students are encouraged to use the water coolers which are available conveniently in each floor of the college buildings. Reuseable plates and glasses are used in the canteen so as to minimize the usage of plastics.

FOOD WASTE MANAGEMENT

Now a days, Food-wastage has become as a global predicament. The poignant thing is, the students who are the role model of future generation are wasting food in high quantity. The institution is very keen on food waste management system. In order to minimize the food waste, the institution has tried to educate students on the importance of food. Accordingly, quotes on importance of food are displayed in cafeteria and hostel mess.

b) LIQUID WASTE MANAGEMENT:

- Waste water from the kitchen of college mess
- Distilleries waste water from RO plants

Management Techniques:

- R.O water is available in every building of the campus.
- Wastage of drinking water is restricted through proper monitoring.
- Waste water is properly drained out and used in gardening to maintain greenery in the campus and for providing ecologically aesthetic environment.
- Proper drainage system is arranged in all the buildings of the campus.

c) E- WASTE MANAGEMENT:

- E waste plastics
- E waste metals and other components
- Recovery of the above waste from electrical and electronic products waste

List of E-Wastes collected in the campus are:

CD
 Repaired Computers
 Mouse
 DVD Players
 Resister, Capacitors, IC
 Bulbs
 Chokes
 Circuit Boards
 Measuring meters
 UPS
 Damage Cables
 Batteries
 Bit wires

Management Techniques:

- The e- wastes like computers, keyboards mouses etc are collected and are disposed to the scrap dealer based upon the highest bidding.

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

7.1.6 Rain water harvesting structures and utilization in the campus

Response:

Rain Water Harvesting (RWH) is a simple method by which rainfall is collected for future usage. The Collected rain water may be stored, utilized in different ways or directly used for recharge purposes. With

depleting groundwater levels and fluctuating climate conditions, RWH can go a long way to help mitigate these effects. Capturing the rain water can help recharge local aquifers, reduce urban flooding and most importantly ensure water availability in water-scarce zones.

The institution is situated in a village atmosphere with a lake nearby. Water is abundantly available. The rain water is a precious resource which has to be utilized effectively and resourcefully. It is used in the drought seasons when water is scarce. There is no better resource for water availability rather than the natural rain water. Accordingly extensive rain-water harvesting activity has been undertaken at the campus which results in the increase of ground water level.

The water from the top of roofs is collected through the proper network of pipes. There is a well connected pipe network delivery system, this network is instrumental in collecting the water, which is then collected in the underground. The network of well connected pipes carries it to the underground.

Rain water harvesting provides an independent water supply during regional water restrictions. The water thus collected is then used for several purposes. The institution adopts sprinkler procedure in large lawns and water is very judiciously used for plantation purposes. In the extreme summer season, when water is scarce, the rain water thus collected and stored in the underground tank, is used for the maintenance of the green cover in the campus. The students are also encouraged to follow rain water harvesting and to avoid the wastage of water at home.

Advantages of Harvesting Rainwater:

- Harvesting rainwater can help the environment in a number of ways.
- Reduces Flooding and Erosion.
- Reduces Water Bills.
- Reduces Demand on Ground Water.
- Can be used for Non-drinking Purposes.
- Can improve Plant Growth.

The Benefits Include:

- Increase in groundwater levels: Marked improvement is observed in both the quantity as well as the quality of the groundwater in areas which have implemented rainwater harvesting
- Preventing soil erosion and flooding.

Utilization in the Campus:

- Grey water let out from all sources and water from collection tanks are used for gardening purposes.
- Sewage and sullage are channelized to municipal drains, thus ensuring zero wastage of grey water in campus.

Management Techniques:

Rain water harvesting pond has been dug near the hostel and the institution. This pond is around 6 - 7 feet deep. Rain water harvesting structure has been constructed at necessary places inside the campus. Provisions are made throughout the campus to facilitate rain water harvesting.

This system helps to maintain and improve the water level and due to this, there has been a marginal improvement in the quality of the ground water in the campus.

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

7.1.7 Green Practices

- **Students, staff using**
 - a) **Bicycles**
 - b) **Public Transport**
 - c) **Pedestrian friendly roads**
- **Plastic-free campus**
- **Paperless office**
- **Green landscaping with trees and plants**

Response:

The college has taken initiatives to promote “Green Practices” so as to sustain ecological balance and prevent environment hazards.

Cycle Stand:

Bi-cycle is the principal mode of transport for about 20% of day scholars and some of faculty members. There are two large and spacious cycle stands for faculty members and students.

Public Transport:

- The institution provides transport facilities to the faculty members and non-teaching staff, to avoid the use of individual vehicles and thus reducing carbon emission. Initiatives are taken to sensitize students and staff members in utilizing the common transport system in order to reduce the carbon emission.
- Trees have been planted in the campus to reduce the carbon content and keep the campus green.
- Automobiles are not permitted inside the campus beyond the entry point to keep the campus pollution free. The institute has made adequate arrangements for parking vehicles near the entrance.
- The buses and other transport vehicles are tested as per the Indian pollution norms.
- Cigarettes and tobacco products are strictly banned inside the campus.
- The students are encouraged to use college buses instead of using bikes and cars. It reduces the consumption of petroleum fuel, which in turn, reduces the carbon emission.

Pedestrian Friendly Roads:

All the entry points to the main campus are connected with pedestrian friendly wide paths, which are regularly cleaned. The passages within the college buildings are broad and are well lit by electricity with an

uninterrupted source of power from Generators.

Plastic Free Campus:

The institution has taken particular care to make the campus plastic free. Use of plastic cups, thin-layered plastic carriers, one time use plastic bottles have been banned inside the campus.

Paperless Office:

- With a broad view of protecting our environment from global warming and make our world eco friendly, paper usage is limited by using E-mails, SMS and Whatsapp.
- Instead of using papers for maintaining records of students, Enterprise Resource Planning(ERP) software is used in the campus.

Green landscaping with trees and plants:

A Green Campus is a place where sustainable and eco-friendly practices are promoted. Greening the campus is done through sweeping away wasteful inefficiencies, using conventional sources of energies for its daily power needs, correct disposal handling, purchase of environment-friendly supplies and effective recycling program.

- Tree Plantation activities are carried out on a regular basis through EEE club and NSS activities.
- Well-trained team of gardeners maintains the plantation within the campus.
- Different plants are nurtured with care. The college drives into the space for trees, garden and open spaces to protect the campus in GREEN.
- Students are encouraged to participate in environment related activities.

Energy Conservation

- Awareness on energy conservation among the students and the staff is created by displays at appropriate places.
- Windows for maximum utilization of natural light and free stream of air circulation.

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

7.1.8 Average percentage expenditure on green initiatives and waste management excluding salary component during the last five years

Response: 0.21

7.1.8.1 Total expenditure on green initiatives and waste management excluding salary component year-wise during the last five years(INR in Lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
1.13965	1.11806	1.30351	1.16705	0.90730

File Description	Document
Green audit report	View Document
Details of expenditure on green initiatives and waste management during the last five years	View Document
Any additional information	View Document

7.1.9 Differently abled (Divyangjan) Friendliness Resources available in the institution:

1. Physical facilities
2. Provision for lift
3. Ramp / Rails
4. Braille Software/facilities
5. Rest Rooms
6. Scribes for examination
7. Special skill development for differently abled students
8. Any other similar facility (Specify)

Response: B. At least 6 of the above

File Description	Document
Resources available in the institution for Divyangjan	View Document
Any additional information	View Document
link to photos and videos of facilities for Divyangjan	View Document

7.1.10 Number of Specific initiatives to address locational advantages and disadvantages during the last five years

Response: 22

7.1.10.1 Number of specific initiatives to address locational advantages and disadvantages year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
4	4	6	5	3

File Description	Document
Number of Specific initiatives to address locational advantages and disadvantages	View Document
Any additional information	View Document

7.1.11 Number of initiatives taken to engage with and contribute to local community during the last five years (Not addressed elsewhere)

Response: 22

7.1.11.1 Number of initiatives taken to engage with and contribute to local community year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
8	4	3	3	4

File Description	Document
Report of the event	View Document
Any additional information	View Document

7.1.12

Code of conduct handbook exists for students, teachers, governing body, administration including Vice Chancellor / Director / Principal /Officials and support staff

Response: Yes

File Description	Document
URL to Handbook on code of conduct for students and teachers , manuals and brochures on human values and professional ethics	View Document

7.1.13 Display of core values in the institution and on its website

Response: Yes

File Description	Document
Any additional information	View Document
Provide URL of website that displays core values	View Document

7.1.14 The institution plans and organizes appropriate activities to increase consciousness about national identities and symbols; Fundamental Duties and Rights of Indian citizens and other constitutional obligations

Response: Yes

File Description	Document
Details of activities organized to increase consciousness about national identities and symbols	View Document
Any additional information	View Document

7.1.15 The institution offers a course on Human Values and professional ethics

Response: Yes

File Description	Document
Any additional information	View Document
Provide link to Courses on Human Values and professional ethics on Institutional website	View Document

7.1.16 The institution functioning is as per professional code of prescribed / suggested by statutory bodies / regulatory authorities for different professions

Response: Yes

File Description	Document
Any additional information	View Document
Provide URL of supporting documents to prove institution functions as per professional code	View Document

7.1.17 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties during the last five years

Response: 5

7.1.17.1 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
5	5	5	5	5

File Description	Document
List of activities conducted for promotion of universal values	View Document
Any additional information	View Document

7.1.18 Institution organizes national festivals and birth / death anniversaries of the great Indian personalities

Response:

YOUTH DAY

National Youth Day is celebrated on 12th of January every year on the college campus. The aim is to motivate the youth through the way of life and ideas of Swami Vivekananda. Students participate in the various competitions with great enthusiasm.

REPUBLIC DAY

Institute celebrates Republic day on a grand scale. Guests of Honor are invited. Flag is hoisted by Guests. March past is conducted by NSS Volunteers of the institute. Cultural programs with the theme of patriotism are performed. Chief guests staff members and students gave speeches about freedom fighters. Sweets are distributed to the students and the faculty.

SCIENCE DAY

National Science day is celebrated in the institution in the month of OCT/NOV to mark the birth anniversary of Sir C.V. Raman. On the day, an exhibition is organized where the students of Engineering, showcase various working and static models to illustrate the mechanism of science. The exhibition also showcases the significance of scientific application in one's daily life.

YOGA DAY

International Yoga Day is observed on 21st of June every year. The students and the staff members are encouraged to learn and practice Yoga. Yoga helps students to increase their concentration level. It also helps them to keep their mind control and body fit. The faculty members also practice yoga enthusiastically to keep themselves free from stress.

INDEPENDENCE DAY

Independence day is celebrated on 15th of August every year. The chairman hoists the flag and sweets are distributed to everyone. Various programmes kindling patriotism are conducted and the students are made known about the struggles undergone by our freedom fighters.

TEACHERS DAY

The College celebrates the birthday of Dr. Sarvepalli Radhakrishnan, the great philosopher, teacher and the statesman of the highest order with due grandeur on September 5th every year. The teachers of the college are honoured. Retired teacher's are also invited to participate in the celebrations.

ENGINEERS DAY

Engineer's Day, the birthday of Sir Mokshagundam Vishweshvaraya is celebrated every year in the institution in which the students and the faculty members participate with great zeal.

BIRTH ANNIVERSARY OF MAHATAMA GANDHI

The Birth anniversary of Mahatama Gandhi is celebrated with lot of spirit and joy. Contribution of this great leader for Indian independence is commemorated. His value and love for the country is recalled. Various incidences proving his greatness are shared with the audience. The students from hostels, staff, and management representatives grace the function.

CHILDREN'S DAY

Institute organizes "CHILDREN'S DAY" celebrations on 14th November every year Management, Trust members distribute note books, pens & writing pads to the school children. The Principal, The HoDs and the faculty members participate in the program.

THE BIRTH DAY OF RAMANUJAN

Association of Mathematics in Shree Venkateshwara Hi- Tech Engineering College enlivens the contributions of the Mathematics legend Sri.Srinivasa Ramanujan on 22nd of December every year. The birthday of the genius in Mathematics is commemorated by conducting various events that matches the thoughts of the legendary mathematician.

File Description	Document
Any additional information	View Document

7.1.19 The institution maintains complete transparency in its financial, academic, administrative and auxiliary functions

Response:

The institution has a well-defined set of procedures for maintaining transparency in all its financial, academic and administrative activities.

a) Financial

- The Institute calls for Budget from every department and then prepares budget of college well before the commencement of every financial year.
- The institute's budget is prepared on the need basis of the budgets given by every department
- Salary slip is made available to each and every staff member and they acknowledge it by signing in the acquittance.
- The students and parents are given the clear breakup of fees through a letter during the beginning of the semester every year.
- The students availing educational loans are provided with bonafide and fee details in the college letterhead.

b) Academics

- The academic calendar is given at the beginning every academic year based on the Anna university schedule.
- Course Plan is prepared by the faculty before the beginning of the every semester.
- Examination Pattern, Question banks, Mark allocations are well documented and shared with the students from time to time.
- The Internal assessment Answer scripts are given to the students by the respective faculty member with due advice to improve their scores.
- Students can also give their feedback and concerns in the Class Committee Meeting. Besides feedback is obtained twice a semester for continuous improvement and the same will be forwarded to the Principal through HOD for action necessary.
- Performance of all the students in the Internal Assessment and their class attendance is updated to their parents regularly through a letter
- Marks and attendance database are available in department and Exam cell for analysis.
- The records of internal assessment, attendance of the students are properly maintained and are shared with parents during Parent Teacher meet or any time on demand from parents and also available in e governance software.
- The laboratory procedure for each experiment is well prepared and is shared with the students.
- The students can get the photocopy of answer scripts of the university exam on request and fees payment.

c) Administrative

- The information pertaining to administration, rules, and code of conduct are available as policy documents in the HR policy manual for the faculty and in the college calendar for the students
- A general staff meeting is organized in the beginning of every semester to disseminate the academic activities.
- Institute follows the norms of AICTE, DOTE, State Govt. and Anna University.
- All the administrative procedures are well defined and duties of the Head of the Departments are documented.
- New faculty will be given orientation with in a week of joining.
- All the achievements are circulated to all the stakeholders and they offer monetary and non-

monetary supports to both the faculty and the students as a token of appreciation.

Transparency in auxiliary functions

- The institute has well documented policies for its auxiliary functions with all administrative norms e.
- The details of the norms governing various auxiliary functions are available transparently.

File Description	Document
Any additional information	View Document

7.2 Best Practices

7.2.1 Describe at least two institutional best practices (as per NAAC Format)

Response:

Best Practice No.1

Title: Students career development Program (SCDP)

Objective of the practice:

- To Guide students to choose right career and enhance their knowledge, Skill and aptitude to meet out the manpower requirement of industry.
- To impart personal and career related support to the students through employability skills training and ultimately provide placement by arranging campus recruitment drives.

The Context:

There is rigorous requirement for students career development Program as majority of students in institute are from rural background and they lag in the following skills:

- Presentation skills
- Communication skills
- Soft skills
- Leadership quality
- Problem Solving Skills

The Practice:

Placement training program for students

Due to tough competition in getting placement, students have to perform well not only in technical interviews but also in aptitude and verbal test. So, the institute has framed syllabus for placement training program. The syllabus covers areas such as presentation skills, Communication skills, soft skills, Leadership quality, and problem solving skills.

1. Presentation skills: Being professional, students are required to acquire presentation skills to deliver their thought process using modern aids.

2. Communication Skills: Majority of engineers work in corporate where English is a globally accepted language. Therefore it becomes essential for engineers to groom their verbal skills. Students during first year undergo communication skills training.

3. Soft skills & Aptitude training: Soft-skills training is provided to students to improve their non-verbal communication and leadership qualities. They also undergo aptitude training which has different modules as quantitative and logical reasoning.

4. Leadership quality: Engineers require interpersonal skills to take lead in industries.

5. Problem Solving Skills: problem solving is common to human but challenge lies in solving problems within a short duration. Every company is looking only for a smart worker. This smartness is enhanced among the students by conducting aptitude and attitude training by external experts.

The students undergo in-plant training in various sectors of industries and thoroughly observe the industrial practices and work under the guidance of technicians of the industries. The institute has signed MoUs with many companies and the students visit these MoU signed companies regularly. Our institute gives guidance to students to write various competitive exams like UPSC/ TNPSC Examinations .

Evidence of Success:

Implementing student career development program at institute level has reflected in many ways:

1. Placements: After execution of students career development program, placement percentage of students has increased. Year wise percentage of placements are 2014-15(70%), 2015-16(72%) and 2016-17 (74%), 2017-18(76%), 2018-19(78%) .Thus the above data clearly shows that there has been an exponential rise in students' placement from 2014-15 to till date.

2. Participation at various events: Now a days most of the co-curricular and extracurricular activities in the institute are conducted only by students where they play different roles as coordinators, volunteers and participants to develop their leadership and soft skills. Students have participated and won various prizes and awards in the competitions held outside institute based on their presentation and communication skills

3. Recognition at their work place: It has been significantly observed that our alumni have shown remarkable progress at their respective workplaces. Most of them have received good appreciation from their employers for their contributions. They also take active participation during the alumni meet.

Problems Encountered And Resources Required:

Problems Encountered:

As most the Students are coming from nearby villages, they come as day scholar. Hence, they are unable to spent time during the evening hours for extra coaching classes held in the college campus.

Resources Required:

The students are to be provided with the free hostel facility and food during the extra coaching hours. Also suitable experts have to be brought for the training.

Best Practice No.2

Title: Mentor system for the students:

Under graduate engineering programme students frequently require guidance and counseling from their faculty members to refresh their intellect. Each faculty play the role of mentor for a group of students ranging from 10 to 20.

Objective of the practice:

- To monitor the students' regularity & discipline.
- To enable the parents to know about the performance & regularity of their wards.
- To counsell students for solving their problems and make them confident to face challeges.

The Context:

Mentors for first year students are from the department of Science & Humanities, II, III and IV year students have their mentors from their respective departments. Department faculty members take care of the students till their graduation from the college.

Mentors will inform parents about the absence of their wards. If necessary, they call the parents personally for discussion. Mentors also monitor the performance of students and report the same to the HoD.

The Practice:

- Every day morning at 8.55 am,first hour handling faculty members goes to the class room and motivate the students to do meditation for five minutes, followed by prayer, news paper reading and birthday wishes.
- First hour handling faculty makes entry of the first hour attendance in e-campus and absent message is automatically sent to the parents of absentees through e-campus.
- Mentors give counseling to the students who are absent for the classes regularly.

Guidance and Career counseling by mentors:

- Students, who have less attendance, are counseled and informed to parents.
- Students, who get low marks in more than two subjects in internal examinations, are counseled and special classes are conducted.
- More than one arrear students in semester exams are counseled and their performance are continuously monitored in the internal tests.
- Students, who have poor communication skills, are identified and are motivated by mentor , They

are trained to develop their communication skills in the communication hour.

- Students having family problems, health issues and other indisciplinary activities are identified and are duly counseled.
- Mentors motivate the II year ,III year and IV year students to participate in the value added courses, mini projects, seminars, workshops and paper presentations etc.,
- Mentors always keep in touch with parents/guardians and promptly respond to situations like academic irregularities, negative behavioral changes, interpersonal relations and detrimental activities.
- Mentors maintains detailed progressive record of the student.

Evidence of Success:

- Improved students’ attendance records.
- Decreased students drop-out rates (apparently due to Mentors's intervention before a student falls short of attendance or has been regularly abstaining from classes)
- Identification of slow learners for conducting special classes.
- Increase in students’ semester results and placements.
- Students’ active participation in value added courses, mini projects, seminars, workshops and paper presentations etc.,
- Minimized academic irregularities, negative behavioral changes in the students.
- Keeping in touch with the mentors even after their graduation.

Problems Encountered And Resources Required:

Problems Encountered:

- Students get absent during counseling.
- Students coming from rural areas hesitate to share their problems openly.
- Some students show lack of interest during counseling.
- Some students hesitate to share their family problems and health issues with mentors.
- Parents, mostly daily wagers, can’t attend the parents meeting, whenever required.

Resources Required:

- To solve the above said problems, students should be made to discuss with psychiatrist regularly.
- Regular Yoga and meditation should be given students to improve their mind power.

The mentors should closely maintain the relation to bring out the problems of the students

File Description	Document
Link for Additional Information	View Document

7.3 Institutional Distinctiveness

7.3.1 Describe/Explain the performance of the institution in one area distinctive to its vision, priority

and thrust**Response:****VISION**

“To become a premier technical institute by producing value based competent professionals with scientific temper, team spirit and ethical values”.

Competency and skill development

Advances in Information Technology have introduced fundamental changes in business structures and work processes. These changes demand for the introduction of new educational approaches in teaching learning process. To create outstanding industrial engineers, it is essential to impart qualitative, innovative, creative, value driven training and development programmes/workshops/seminars. That is the reason, why competency based training and development is a must to add up to a Holistic Learning/Teaching Approach. To enhance students' competency level, the institute has signed MoUs (Memorandum of Understanding) with various organizations in engineering and technology sectors. Technical experts of those organizations conducted seminars to students on recent technologies at our college campus. In addition Industrial visits are also organized. These programmes help the students to improve their scientific knowledge, peer learning and ethical values. To make students become competent engineers, the training and placement cell of the institute plays a vital role by being a platform between corporate and young graduates. Services are provided throughout the year to prepare students and help them secure placements. The number of students placed through campus placement programmes is on the rise every year.

Center of Excellence for Industry Innovation & Practice (CEIIP) is the unique strength of our institute through which the students are given hands on training in the industries directly. The institute has obtained Centre of Excellence from SS Technovation, Coimbatore. Centre of Excellence is a facility with necessary infrastructure to enhance the skills of the students. These centers through their facilities and industry know-how provide ample opportunities for the students and staff to comprehend the latest industry practice and upgrade their knowledge through industry relevant projects. Centre also upgrades the prowess of the technicians who are currently employed by the industry as well, thus serving as a revenue generating model. Efforts are on, to set up more such centers to strengthen ties between the institute and the industry.

Incubation Center:

Incubation setup center was established in 2018 at our college premises. The aim of the incubation center is to encourage entrepreneurship among locals with the college serving as focal point. It is a platform for nurturing, encouraging and developing innovation and entrepreneurial skills among its students, alumni, as well as students of the region. SS Technovation established incubation center at the institute for CSE,ECE,EEE and Mechanical students.

Entrepreneurship in India is on the verge of explosive growth. Angel investors, venture capital, media, startup clubs, service providers, mentors and training companies have started to grow. The most important cog in the wheel, is the incubator which gives them a chance to bring their business in shape, before they reach out to the world.

Objectives:

- To encourage our college technocrats to come out with new inventions and innovations relevant to society.
- To create jobs, wealth and business aligning with national priorities.
- To promote new technology /scientific knowledge/innovation based startups.
- To provide a platform for speedy commercialization of technologies developed by the host institution.
- To provide cost effective, value added services to startups through mentoring, legal, technical, intellectual property related services.
- To provide space resources for students with innovative ideas and encourage them to transform their project proposals into viable business propositions.
- To ensure that incubation centre has access to technological assistance through multidisciplinary experts of various corporate sectors.
- To encourage young enthusiasts with creative pursuits and inherent zeal to become successful entrepreneurs.
- To create innovative projects. Each project will be executed by a team of entrepreneurs (Students/Alumni/Industry) and are given infrastructural support such as workspace, Internet etc. The program will give preference to the projects that solve problems and find solution to local needs (District and State) rather than global problems and needs. The problem can be from any discipline but one should provide exact solution to the related problems.
- To facilitate students to get internship from various companies through incubation centre.

Outcome

The incubation center has motivated the college students to develop various innovation projects. The details are as follows:

Completed Projects

1. An Efficient Method Of Dry-Wet Dust Collection To Support Swachh Bharat Abhiyaan- Electrical and Electronics Engineering
2. Advanced Electronic Voting System using Fingerprint and Face recognition - Electronics Communication Engineering
3. Design and development of 80cc petrol engine fitted with bicycle – Mechanical engineering

Ongoing Projects

1. Accident Detection and Reporting Systems using GPRS, GPS and GSM technology - Electrical and Electronics Engineering
2. Smart Monitoring and Auto Neutralization of PH Alkaline in Industries - Electronics Communication Engineering
3. Design and Fabrication of Electric Vehicle with Regenerative Braking System- Mechanical engineering

Training area of SS Technovation

To utilize the fullest opportunities provided by SS Technovation, Coimbatore in the areas of VMC, CNC, Robotics, Embedded Systems, Micro processor, Micro controller, IOT, CAD, Java, J2EE, Python Machine learning, Artificial Intelligence, .net and Php, Website development and Hydraulic machines.

Resource Person:

Mr.KRN Manoj, Director Operation of SS Technovation, Coimbatore and Pumo Technovation, Coimbatore completed his M.Tech at BITS Pilani, Rajasthan. He has 6 years of experience in Auto mobile latest technologies. He has trained more than 1000 students on latest technologies at SS Technovation, Coimbatore. He has given various training proposal and course content of the model to students on 26.02.2018. In continuation of his address, our students went for an Industrial visit to SS Technovation, Coimbatore .

Outcomes:

- Seminars help students to update their knowledge on latest technology and take up interview confidently.
- Industrial visits create the opportunity for the students to explore their practical knowledge and skill.
- Students will approach is any problem in industrial perspective, once they are directly exposed to industrial training.

Evidence of Success

The training given by Mr. KRN Manoj, Director Operation, helped students to get placements in various core companies like Avalon Technologies-Chennai, Syrma Technologies-Chennai, Alpha Associates-Coimbatore, Metal Man Auto parts India pvt. Ltd.,- Hosur Aqua sub Engineering- Coimbatore.

File Description	Document
Link for Additional Information	View Document

5. CONCLUSION

Additional Information :

- Highly qualified and well experienced faculty, in line with the vision of the college provide all possible resources to the students and nurture them as value based competent professionals.
- Excellent infrastructure with state-of-the-art laboratories, well equipped digital library, well furnished seminar halls and an auditorium.
- Conducting Sciences Exhibitions and participating in various competitions help students in bridging the gap between industry and academia.
- Vibrant Placement cell provides training for students from I to IV years to ensure their overall development.
- Improving collaborations with the industries, strengthen industry institute partnership, internship and placement opportunities.
- Extensive students training programs and industrial visits in association with industries enhance the skill sets and employability of students.
- Encouraging faculty members to pursue Ph.Ds and publish papers in national/international journals promote research inside the campus.

Concluding Remarks :

Shree Venkateshwara Hi Tech Engineering College is established with the sole aim of imparting technical education to the students of rural areas. It makes tremendous progress with the help of a very dedicated management, committed faculty members and enthusiastic students. The institute fosters students' research mindset and character building for a bright future so as to emerge as tomorrow's nation builders. The Institute believes that applying for NAAC is the next stepping stone to ensure quality in engineering education. The SSR report has been prepared to the best of our knowledge and understanding and we fervently hope that the report matches the expectations of NAAC committee visiting our Institution for accreditation purpose.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification																																								
1.3.2	<p>Number of value added courses imparting transferable and life skills offered during the last five years</p> <p>1.3.2.1. Number of value-added courses imparting transferable and life skills offered during the last five years Answer before DVV Verification : 55 Answer after DVV Verification: 52</p>																																								
2.1.2	<p>Average Enrollment percentage</p> <p>(Average of last five years)</p> <p>2.1.2.1. Number of students admitted year-wise during the last five years Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>428</td> <td>338</td> <td>403</td> <td>429</td> <td>665</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>289</td> <td>307</td> <td>375</td> <td>382</td> <td>591</td> </tr> </tbody> </table> <p>2.1.2.2. Number of sanctioned seats year-wise during the last five years Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>606</td> <td>666</td> <td>966</td> <td>978</td> <td>1026</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>534</td> <td>534</td> <td>834</td> <td>834</td> <td>894</td> </tr> </tbody> </table> <p>Remark : DVV has made the changes as per list of total number of admitted students and total number of sanctioned seats provided by HEI.</p>	2018-19	2017-18	2016-17	2015-16	2014-15	428	338	403	429	665	2018-19	2017-18	2016-17	2015-16	2014-15	289	307	375	382	591	2018-19	2017-18	2016-17	2015-16	2014-15	606	666	966	978	1026	2018-19	2017-18	2016-17	2015-16	2014-15	534	534	834	834	894
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2.1.3	<p>Average percentage of seats filled against seats reserved for various categories as per applicable reservation policy during the last five years</p> <p>2.1.3.1. Number of actual students admitted from the reserved categories year-wise during the last five years Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	2018-19	2017-18	2016-17	2015-16	2014-15																																			
2018-19	2017-18	2016-17	2015-16	2014-15																																					

288	213	194	193	370
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Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
246	182	194	193	370

2.4.3 Teaching experience per full time teacher in number of years

2.4.3.1. Total experience of full-time teachers

Answer before DVV Verification : 738 years

Answer after DVV Verification: 719 years

2.4.4 Percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the last five years

2.4.4.1. Number of full time teachers receiving awards from state /national /international level from Government recognised bodies year-wise during the last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
3	3	8	2	4

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	3	0	0

Remark : DVV has not consider award received from any trust.

3.3.4 Number of research papers per teacher in the Journals notified on UGC website during the last five years

3.3.4.1. Number of research papers in the Journals notified on UGC website during the last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
7	3	22	30	39

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
7	3	19	24	38

3.3.5 Number of books and chapters in edited volumes/books published and papers in

national/international conference proceedings per teacher during the last five years

3.3.5.1. Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings year-wise during the last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
9	10	9	25	13

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
07	08	07	22	13

Remark : DVV has not consider first page of book without ISBN/ISSN number. DVV has not consider certificate of first page of book.

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

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

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
2	2	3	4	1

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
2	0	1	0	0

Remark : DVV has not consider certificate of participation and Appreciation.

3.4.3 Number of extension and outreach Programs conducted in collaboration with Industry, Community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the last five years

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

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
7	7	7	10	9

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
5	6	4	6	7

3.4.4 Average percentage of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the last five years

3.4.4.1. Total number of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. year-wise during the last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
534	199	300	657	400

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
00	199	300	00	00

Remark : DVV has made the changes as per report number of students participating in extension activities for 2016-17 and 2017-18. DVV has not consider Voters Day , World AIDS Day , Women's Day.

3.5.2 Number of functional MoUs with institutions of National/ International importance, Other Institutions, Industries, Corporate houses etc., during the last five years (only functional MoUs with ongoing activities to be considered)

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 (only functional MoUs with ongoing activities to be considered)

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
6	6	6	4	5

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
7	5	7	3	5

4.1.4 Average percentage of budget allocation, excluding salary for infrastructure augmentation during the last five years.

4.1.4.1. Budget allocation for infrastructure augmentation, excluding salary year-wise during the last five years (INR in Lakhs)

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
17.62018	13.05292	38.80976	102.5684 8	99.60229

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
32.90	24.66	77.61	200.58	175.71

Remark : DVV has made the changes as per expenditure of Furniture & fitting , Plant machinery , lab equipment , UPS Battery , Play equipment , Bus TN , CCCTV Camera , computer , computer software , borwell, Printer & UPS ,Motor & pump, xerox machine, scanner, Speaker system, projector & screen duly signed by CA.

4.2.4 Average annual expenditure for purchase of books and journals during the last five years (INR in Lakhs)

4.2.4.1. Annual expenditure for purchase of books and journals year-wise during the last five years (INR in Lakhs)

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
5.74	5.29	4.68	4.23	15.32

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
5.74	5.29	4.68	4.23	15.32

4.2.6 Percentage per day usage of library by teachers and students

4.2.6.1. Average number of teachers and students using library per day over last one year

Answer before DVV Verification : 179

Answer after DVV Verification: 103

Remark : DVV has made the changes as per logbook entries of daily activity status provided by HEI.

5.1.4 Average percentage of student benefited by guidance for competitive examinations and career counselling offered by the institution during the last five years

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

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
424	536	324	625	464

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	0	0	0

Remark : Provided documents has not reflect number of students benefited so, DVV made the input zero.

5.2.2 Percentage of student progression to higher education (previous graduating batch)

5.2.2.1. Number of outgoing students progressing to higher education

Answer before DVV Verification : 33

Answer after DVV Verification: 11

5.3.3 Average number of sports and cultural activities/ competitions organised at the institution level per year

5.3.3.1. Number of sports and cultural activities / competitions organised at the institution level year-wise during the last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
6	7	5	3	3

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
6	6	5	3	3

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

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

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
35	96	83	101	88

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15

20	46	65	90	62
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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

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

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
9	7	9	8	9

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
8	7	8	10	6

6.3.4 Average percentage of teachers attending professional development programs viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Program during the last five years

6.3.4.1. Total number of teachers attending professional development programs, viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Programs year-wise during the last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
126	198	209	209	196

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
01	03	02	11	15

6.5.3 Average number of quality initiatives by IQAC for promoting quality culture per year

6.5.3.1. Number of quality initiatives by IQAC for promoting quality year-wise for the last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
83	78	75	65	66

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15

9	8	9	5	6
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7.1.1 Number of gender equity promotion programs organized by the institution during the last five years

7.1.1.1. Number of gender equity promotion programs organized by the institution year-wise during the last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
8	6	6	5	5

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
5	5	4	4	5

7.1.10 Number of Specific initiatives to address locational advantages and disadvantages during the last five years 7.1.10.1. Number of specific initiatives to address locational advantages and disadvantages year-wise during the last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
5	5	6	5	3

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
4	4	6	5	3

7.1.11 Number of initiatives taken to engage with and contribute to local community during the last five years (Not addressed elsewhere)

7.1.11.1. Number of initiatives taken to engage with and contribute to local community year-wise during the last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
9	5	4	4	6

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
8	4	3	3	4

7.1.17	<p>Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties during the last five years</p> <p>7.1.17.1. Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties year-wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>1</td> <td>3</td> <td>3</td> <td>2</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>0</td> <td>2</td> <td>2</td> <td>1</td> </tr> </tbody> </table>	2018-19	2017-18	2016-17	2015-16	2014-15	4	1	3	3	2	2018-19	2017-18	2016-17	2015-16	2014-15	0	0	2	2	1
2018-19	2017-18	2016-17	2015-16	2014-15																	
4	1	3	3	2																	
2018-19	2017-18	2016-17	2015-16	2014-15																	
0	0	2	2	1																	

2.Extended Profile Deviations

ID	Extended Questions																				
1.2	<p>Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>606</td> <td>666</td> <td>966</td> <td>978</td> <td>1026</td> </tr> </tbody> </table> <p>Answer After DVV Verification:</p> <table border="1"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>421</td> <td>462</td> <td>667</td> <td>675</td> <td>709</td> </tr> </tbody> </table>	2018-19	2017-18	2016-17	2015-16	2014-15	606	666	966	978	1026	2018-19	2017-18	2016-17	2015-16	2014-15	421	462	667	675	709
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606	666	966	978	1026																	
2018-19	2017-18	2016-17	2015-16	2014-15																	
421	462	667	675	709																	
2.2	<p>Number of sanctioned posts year-wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>127</td> <td>187</td> <td>207</td> <td>199</td> <td>179</td> </tr> </tbody> </table> <p>Answer After DVV Verification:</p> <table border="1"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>128</td> <td>203</td> <td>226</td> <td>209</td> <td>196</td> </tr> </tbody> </table>	2018-19	2017-18	2016-17	2015-16	2014-15	127	187	207	199	179	2018-19	2017-18	2016-17	2015-16	2014-15	128	203	226	209	196
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