



YEARLY STATUS REPORT - 2022-2023

Part A	
Data of the Institution	
1.Name of the Institution	Veer Surendra Sai University of Technology
• Name of the Head of the institution	Prof. Banshidhar Majhi
• Designation	Vice Chancellor
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	06632430211
• Mobile no	9437221124
• Registered e-mail	vc@vssut.ac.in
• Alternate e-mail address	vcvssut@gmail.com
• City/Town	Sambalpur
• State/UT	Odisha
• Pin Code	768018
2.Institutional status	
• University	State
• Type of Institution	Co-education
• Location	Urban

• Name of the IQAC Co-ordinator/Director	Prof. (Dr.) Amar Nath Nayak				
• Phone no./Alternate phone no	9861238403				
• Mobile	9861238403				
• IQAC e-mail address	iqac@vssut.ac.in				
• Alternate Email address	rksamal_ee@vssut.ac.in				
3.Website address (Web link of the AQAR (Previous Academic Year))	https://vssut.ac.in/IOAC/aqar-reports.php				
4.Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://vssut.ac.in/academic-calendar.php				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B	2.76	2021	19/02/2016	18/02/2021
6.Date of Establishment of IQAC			06/01/2015		
7.Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.					
Institution/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount	
VSSUT	Institutional Development Plan	State Government	Year 2022 Duration 5 years	2000000000	
8.Whether composition of IQAC as per latest NAAC guidelines			Yes		
• Upload latest notification of formation of IQAC			View File		
9.No. of IQAC meetings held during the year			4		
• The minutes of IQAC meeting and compliance to the decisions have been			Yes		

uploaded on the institutional website. (Please upload, minutes of meetings and action taken report)	
<ul style="list-style-type: none"> (Please upload, minutes of meetings and action taken report) 	View File
10. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No
<ul style="list-style-type: none"> If yes, mention the amount 	
11. Significant contributions made by IQAC during the current year (maximum five bullets)	
<p>Reform in evaluation process in line with continuous assessment of students (such as from theory 70-20-10 to 50-30-20 and reform in sessional evaluation) Faculty knowledge enrichment through various Programmes (participation Invited talks, Teaching learning pedagogy) Creation of quality Research environment (CRF Lab, space creation for lab set ups by writeoff, steps initiated for creation of central Research facilities and modernization labs) Value creation of students through constructive and innovative engagement beyond academic (enrichment through industrial exposure of students introducing long term internships, Addition of new Technical Club (AeroTech) in consistency with the current National outlook, Effective presentation in class rooms through smart boards). Improvement of ambience through massive infrastructure changes for a pleasant and positive work experience.</p>	
12. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year	
Plan of Action	Achievements/Outcomes
<p>Recalibration of exam schedule to allow sufficient time for students and faculty for upskilling/internship activities.</p>	<p>Enhancement of quality of education</p>
13. Whether the AQAR was placed before statutory body?	Yes
<ul style="list-style-type: none"> Name of the statutory body 	

Name	Date of meeting(s)
Board of Management	Nil
14. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to Assess the functioning?	Yes
15. Whether institutional data submitted to AISHE	
Year	Date of Submission
Nil	Nil
16. Multidisciplinary / interdisciplinary	
<p>The new curriculum implemented from 2019 has put increased emphasis on multidisciplinary and interdisciplinary learning resulting in four numbers of open elective subjects for undergraduate students and one open elective for PG students. Apart from this the professional electives are rich in intra-disciplinary concepts and material. The clubs and societies create an ambience to explore ideas which are trans-disciplinary in nature to solve various societal problems.</p>	
17. Academic bank of credits (ABC):	
<p>The university is in the process of creation of Academic bank of credits (ABC).</p>	
18. Skill development:	
<p>The training and placement department, from time to time, organizes various skill development courses and events in collaboration with industrial organizations. Professional certification courses are also conducted and students are encouraged to participate in that.</p>	
19. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)	
<p>The Indian knowledge system is integrated into the curriculum of all UG and PG courses. Subjects as listed below are integral part of the curriculum and results in appropriate integration of the Indian Knowledge system.</p> <p>Essence of India Traditional Knowledge Environmental Sciences,</p>	

Induction Programme and participation in Clubs/Societies NSS/NCC/Yoga

20.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

Outcome based education is an inherent part of the course delivery process. The syllabus of each course details the various course outcomes, program outcomes, program specific outcomes, program educational objectives and mission statements. During the semester the attainment of COs, POs and PSOs are computed based on the performance of the students. The various components of the course such as term examinations, quizzes, and assignments, all conform to the OBE paradigm.

21.Distance education/online education:

The university promotes distance education through the office of Center for Continuing and Distance Education. As part of this cell, eminent personalities from various industrial and academic institutions such as ISRO, DRDO, Intel Corporation, IITs, NITs and other central universities, are invited to deliver talks on a regular basis. Faculty development programs are also conducted regularly. The students as part of their curriculum are encouraged to follow various online courses offered through the SWAYAM platform. In addition, various Learning Management Systems are also used by faculty members to disseminate knowledge.

Extended Profile

1.Programme

1.1 Number of programmes offered during the year:	39
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File Description	Documents
Data Template	View File

1.2 Number of departments offering academic programmes	15
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2.Student

2.1 Number of students during the year	4534
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File Description	Documents
Data Template	View File
2.2	1245
Number of outgoing / final year students during the year:	
File Description	Documents
Data Template	View File
2.3	1245
Number of students appeared in the University examination during the year	
File Description	Documents
Data Template	View File
2.4	0
Number of revaluation applications during the year	
3.Academic	
3.1	813
Number of courses in all Programmes during the year	
File Description	Documents
Data Template	View File
3.2	236
Number of full time teachers during the year	
File Description	Documents
Data Template	View File
3.3	308
Number of sanctioned posts during the year	
File Description	Documents
Data Template	View File

4.Institution	
4.1 Number of eligible applications received for admissions to all the Programmes during the year	25000
File Description	Documents
Data Template	View File
4.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	
File Description	Documents
Data Template	View File
4.3 Total number of classrooms and seminar halls	60
4.4 Total number of computers in the campus for academic purpose	750
4.5 Total expenditure excluding salary during the year (INR in lakhs)	868399000
Part B	
CURRICULAR ASPECTS	
1.1 - Curriculum Design and Development	
1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which is reflected in Programme outcomes (POs), Programme Specific Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the University	
<p>Yes.The curricula developed and implemented have relevance to the local, national, regional and global developmental needs which is reflected in Programme outcomes (POs), All details are available here.</p> <p>UG Syllabus: https://vssut.ac.in/ug-syllabus-2019-20.php</p>	

PG Syllabus: <https://vssut.ac.in/pg-syllabus-2019-20-.php>

File Description	Documents
Upload relevant supporting document	View File

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

01

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

1.1.3 - Total number of courses having focus on employability/ entrepreneurship/ skill development offered by the University during the year

1.1.3.1 - Number of courses having focus on employability/ entrepreneurship/ skill development during the year

10

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced of the total number of courses across all programs offered during the year

01

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

1.2.2 - Number of Programmes in which Choice Based Credit System (CBCS)/elective course system has been implemented during the year

39

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

1.3 - Curriculum Enrichment

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

The curriculum of all the programs offered by the university contains

1. Induction Program and participation in clubs and societies

2.NSS/NCC/Yoga

3.Essence of India Traditional Knowledge/Environmental Sciences

4.Summer Internship/ Training/ Project

5.Professional Ethics, Professional Law & HumanValues

6. Financial Management, Costing,Accounting, Balance Sheet & Ratio

Analysis

File Description	Documents
Upload relevant supporting document	View File

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

10

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

1.3.3 - Total number of students enrolled in the courses under 1.3.2 above

1.3.3.1 - Number of students enrolled in value-added courses imparting transferable and life skills offered during the year

201

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

1.3.4 - Number of students undertaking field projects / research projects / internships during the year

1777

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

1.4 - Feedback System**1.4.1 - Structured feedback for design and review of syllabus – semester wise / is received from Students Teachers Employers Alumni**

- All 4 of the above

File Description	Documents
Upload relevant supporting document	View File

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

- Feedback collected, analysed and action taken and feedback available on website

File Description	Documents
Upload relevant supporting document	View File

TEACHING-LEARNING AND EVALUATION**2.1 - Student Enrollment and Profile****2.1.1 - Demand Ratio****2.1.1.1 - Number of seats available during the year**

1616

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

2.1.2 - Total number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per applicable reservation policy during the year (Excluding Supernumerary Seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

327

File Description	Documents
Upload the data template	No File Uploaded
Upload relevant supporting document	No File Uploaded

2.2 - Catering to Student Diversity

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

At department level, remedial classes are held for slow learners in regular intervals and their progress is monitored by faculty members. The advanced learners are given challenging assignments. They are also introduced to modern and latest open source softwares which they can use to improve their skills. Further, special talks by eminent personalities are held regularly to encourage and motivate students for challenging tasks. In addition, faculty members encourage students to develop new ideas which can be patentable and they help them to file patents in due course.

File Description	Documents
Upload relevant supporting document	No File Uploaded
Link For Additional Information	Nil

2.2.2 - Student - Full time teacher ratio during the year

Number of Students	Number of Teachers
4514	239

File Description	Documents
Upload relevant supporting document	View File

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

Veer Surendra Sai University of Technology is a pioneer in the use of student centred learning methods among all the technical universities in the state of Odisha. Students are provided a number of problems during the course of instructions. They are encouraged to solve the problem collaboratively. A number of student clubs further enhance experiential learning, participative learning and problem solving methodologies.

File Description	Documents
Upload relevant supporting document	No File Uploaded

2.3.2 - Teachers use ICT enabled tools including online resources for effective teaching and learning processes during the year

All of VSSUT classrooms are well-equipped with smart boards. Teachers use the smart boards to disseminate knowledge by use of course material in PPTs and PDFs. The smart board, as full computers are also used to run programs in software related courses. Instructors use online resources such as google form to take quiz test and submissions of assignments. Various open online resources such as FOSSEE and SWAYAM platform are regularly used in conjunction with classroom teaching.

File Description	Documents
Upload relevant supporting document	No File Uploaded

2.3.3 - Ratio of students to mentor for academic and other related issues during the year

2.3.3.1 - Number of mentors

200

File Description	Documents
Upload relevant supporting document	No File Uploaded

2.4 - Teacher Profile and Quality**2.4.1 - Total Number of full time teachers against sanctioned posts during the year****239**

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

2.4.2 - Total Number of full time teachers with Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D’Lit. during the year**155**

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

2.4.3 - Total teaching experience of full time teachers in the same institution during the year**2.4.3.1 - Total experience of full-time teachers****2223**

File Description	Documents
Upload the data template	No File Uploaded
Upload relevant supporting document	No File Uploaded

2.4.4 - Total number of full time teachers who received awards, recognition, fellowships at State, National, International level from Government/Govt. recognised bodies during the year**19**

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

2.5 - Evaluation Process and Reforms**2.5.1 - Number of days from the date of last semester-end/ year- end examination till**

the declaration of results during the year

26

2.5.1.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results year wise during the year

26

File Description	Documents
Upload the data template	No File Uploaded
Upload relevant supporting document	No File Uploaded

2.5.2 - Total number of student complaints/grievances about evaluation against total number appeared in the examinations during the year

00

File Description	Documents
Upload relevant supporting document	No File Uploaded

2.5.3 - IT integration and reforms in the examination procedures and processes (continuous internal assessment and end-semester assessment) have brought in considerable improvement in examination management system of the institution

SAMARTH ERP system has been integrated with the examination process. Continuous evaluation of internal assessment of theory and sessionals have been improved by increasing the allotment of marks. Students are able to view their evaluated copies and discuss with the evaluators and examiners regarding any correction or doubts. The examination result processing is completely done online and is made.

File Description	Documents
Upload relevant supporting document	No File Uploaded

2.5.4 - Status of automation of Examination division along with approved Examination Manual

B. Only student registration, Hall ticket issue & Result Processing

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

2.6 - Student Performance and Learning Outcomes

2.6.1 - The institution has stated learning outcomes (generic and programme specific)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents

The mission, vision, program educational objectives and program outcomes (erstwhile graduate attributes) are provided at the beginning of syllabus of each of the programs which are widely disseminated through website (<https://vssut.ac.in/ug-syllabus-2019-20.php>). Course outcomes are written following latest OBE principles and Bloom's taxonomy covering various levels of learning such as creating, evaluating, analyzing, applying, understanding and remembering. An well established excel based application is used across programs for computation of attainment of COs, POs and PSOs. As an example the detailed curriculum of one of the programs incorporating the above aspects is uploaded here for reference. The details for all programs can be downloaded from university website.

File Description	Documents
Upload relevant supporting document	View File

2.6.2 - Attainment of Programme outcomes, Programme specific outcomes and course outcomes are evaluated by the institution during the year

The university has developed an excel based template for computation of course and program outcomes. At the end of each semester, the faculty members populate these excels with marks obtained by students in various components and consequently find out the attainment levels in each CO and PO. The attainment level is then utilized to improve the pedagogy in the upcoming semesters. The computation for one subject and program is demonstrated in the uploaded file.

File Description	Documents
Upload relevant supporting document	No File Uploaded

2.6.3 - Number of students passed during the year**2.6.3.1 - Total number of final year students who passed the university examination during the year**

1245

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

2.7 - Student Satisfaction Survey**2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a web link)**

https://vssut.ac.in/IOAC/Student_Satisfaction_Survey.php

RESEARCH, INNOVATIONS AND EXTENSION**3.1 - Promotion of Research and Facilities**

3.1.1 - The institution Research facilities are frequently updated and there is well defined policy for promotion of research which is uploaded on the institutional website and implemented

The institution provides essential infrastructure and a favorable setting to foster research endeavors within the campus. Faculty members are encouraged to seek support from diverse funding agencies for their research initiatives. Nevertheless, the institution is prepared to offer seed funding or partial support based on the merit of proposals submitted by faculty or students.

Freedom is granted to faculty and students to choose their preferred research areas, with guidance provided to secure funding from various agencies and industries. The institution motivates faculty members through incentives for peer-reviewed publications, book authorship, and patent filings. The institute oversees the patent filing process as outlined in its Research policy.

While researchers have the liberty to report their findings, a comprehensive review is conducted for proposals seeking funding from external agencies.

Research centers equipped with necessary software and computing facilities are established across various departments. These centers are allocated full-time research scholars by the University. These scholars pursue their research work within these centers under

the guidance of the college faculty.

File Description	Documents
Upload relevant supporting document	View File

3.1.2 - The institution provides seed money to its teachers for research (amount INR in Lakhs)

628000

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

3.1.3 - Number of teachers receiving national/ international fellowship/financial support by various agencies for advanced studies/ research during the year

0

File Description	Documents
Upload the data template	No File Uploaded
Upload relevant supporting document	No File Uploaded

3.1.4 - Number of JRFs, SRFs, Post-Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the year

61

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

3.1.5 - Institution has the following facilities to support research
Central Instrumentation
Centre Animal House/Green House Museum
Media laboratory/Studios Business Lab
Research/Statistical Databases Moot court
Theatre Art Gallery

B. Any 3 of the above

File Description	Documents
Upload relevant supporting document	No File Uploaded

3.1.6 - Number of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies during the year

10

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

3.2 - Resource Mobilization for Research

3.2.1 - Extramural funding for Research (Grants sponsored by the non-government sources such as industry, corporate houses, international bodies for research projects) endowments, Chairs in the University during the year (INR in Lakhs)

0

File Description	Documents
Upload the data template	No File Uploaded
Upload relevant supporting document	No File Uploaded

3.2.2 - Grants for research projects sponsored by the government agencies during the year (INR in Lakhs)

7860525

File Description	Documents
Upload the data template	No File Uploaded
Upload relevant supporting document	No File Uploaded

3.2.3 - Number of research projects per teacher funded by government and non-government agencies during the year

0.1841

File Description	Documents
Upload the data template	No File Uploaded
Upload relevant supporting document	No File Uploaded

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an eco-system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge

Idea Innovation Cell is the official innovation club of the institute, established to enthuse students for innovation and research. The club provides adequate opportunities for budding technocrats to put forth extraordinary ideas and come up with innovative projects that can solve basic community problems of daily life. The club is equipped with various scientific tools and instruments to intrigue innovative practice and is guided by some esteemed faculty members of the institute. Its mega project, VSSUT Satellite Launch Vehicle (VSLV) has been acclaimed widely for being India's first and only indigenous sounding rocket to be built by a student body. Many other projects of IIC have also been felicitated on numerous acknowledged platforms. The Club also organises various events like webinars and hackathons to engage the students in innovation and technology. It aims to create an environment conducive to innovation Links:

File Description	Documents
Upload relevant supporting document	View File

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

01

3.3.2.1 - Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development year wise during the year

01

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

3.3.3 - Number of awards / recognitions received for research/innovations by the institution/teachers/research scholars/students during the year

3.3.3.1 - Total number of awards / recognitions received for research/innovations won by institution/teachers/research scholars/students year wise during the year

0

File Description	Documents
Upload the data template	No File Uploaded
Upload relevant supporting document	No File Uploaded

3.4 - Research Publications and Awards

3.4.1 - The institution ensures implementation of its stated Code of Ethics for research

3.4.1.1 - The institution has a stated Code of Ethics for research and the implementation of which is ensured through the following

1. Inclusion of research ethics in the research methodology course work
2. Presence of institutional Ethics committees (Animal, chemical, bio-ethics etc)
3. Plagiarism check
4. Research Advisory Committee

A. All of the above

File Description	Documents
Upload relevant supporting document	View File

3.4.2 - The institution provides incentives to teachers who receive state, national and international recognitions/awards Commendation and monetary incentive at a University function Commendation and medal at a University function Certificate of honor Announcement in the Newsletter / website

B. Any 3 of the above

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

3.4.3 - Number of Patents published/awarded during the year	
3.4.3.1 - Total number of Patents published/awarded year wise during the year	
04	
File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded
3.4.4 - Number of Ph.D's awarded per teacher during the year	
3.4.4.1 - How many Ph.D's are awarded during the year	
60	
File Description	Documents
Upload the data template	No File Uploaded
Upload relevant supporting document	No File Uploaded
3.4.5 - Number of research papers per teacher in the Journals notified on UGC website during the year	
250	
File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded
3.4.6 - Number of books and chapters in edited volumes published per teacher during the year	
3.4.6.1 - Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings during the year	
49	
File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded
3.4.7 - E-content is developed by teachers For e-	D. Any 2 of the above

PG-Pathshala For CEC (Under Graduate) For SWAYAM For other MOOCs platform For NPTEL/NMEICT/any other Government Initiatives For Institutional LMS

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

3.4.8 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

Scopus	Web of Science
0	0

File Description	Documents
Any additional information	No File Uploaded
Bibliometrics of the publications during the year	No File Uploaded

3.4.9 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

Scopus	Web of Science
0	0

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	No File Uploaded
Any additional information	No File Uploaded

3.5 - Consultancy

3.5.1 - Institution has a policy on consultancy including revenue sharing between the institution and the individual and encourages its faculty to undertake consultancy

Institution has a policy on consultancy including revenue sharing between the institution (20% of the total amount without tax) and the individual (80% of the total amount without tax) and encourages its faculty to undertake consultancy

File Description	Documents
Upload relevant supporting document	View File

3.5.2 - Revenue generated from consultancy and corporate training during the year (INR in Lakhs)

3.5.2.1 - Total amount generated from consultancy and corporate training during the year (INR in lakhs)

7.09541

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

3.6 - Extension Activities

3.6.1 - Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the year

The university has made a significant contribution to society and the environment by actively participating in the promotion of the College-Neighborhood-Community network. The focus is primarily on engaging students, fostering a service-oriented mindset, and facilitating the holistic development of students to encourage good citizenship. The NSS unit, along with dedicated faculty members, involves students in community development programs. Rural India grapples with issues such as uncleanliness, unhygienic conditions, malnutrition, and the critical problem of open defecation. Villagers often lack awareness regarding health, cleanliness, and diseases. The NSS unit is dedicated to addressing these social issues, particularly the open defecation problem, which poses a risk of communicable diseases and environmental pollution in rural areas. Annually, the NSS unit organizes health, blood donation, and haemoglobin checkup camps in collaboration with government and non-government organizations. Physicians are invited to deliver talks on health, nutrition, and girls' related issues. These initiatives positively impact students' health awareness and personal hygiene. Engaging in such activities, students develop critical thinking skills, time management, negotiation, communication, conflict resolution, and leadership abilities. Collaborating with diverse social groups outside the college campus enables students to gain self-confidence, autonomy, and appreciation for others, fostering

qualities of good leadership and responsible citizenship.

File Description	Documents
Upload relevant supporting document	No File Uploaded

3.6.2 - Number of awards received by the Institution, its teachers and students from Government /Government recognised bodies in recognition of the extension activities carried out during the year

3.6.2.1 - Total number of awards and recognition received for extension activities from Government / Government recognised bodies during the year

04

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

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

04

File Description	Documents
Upload the data template	No File Uploaded
Upload relevant supporting document	View File

3.6.4 - Total number of students participating in extension activities listed at 3.6.3 above during the year

100

File Description	Documents
Upload the data template	No File Uploaded
Upload relevant supporting document	No File Uploaded

3.7 - Collaboration

3.7.1 - Number of collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year

3.7.1.1 - Total number of Collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year

03

File Description	Documents
Upload the data template	No File Uploaded
Upload relevant supporting document	View File

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

03

File Description	Documents
Upload the data template	No File Uploaded
Upload relevant supporting document	View File

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.

The institute possesses the necessary physical and academic facilities in accordance with the guidelines of the University Grant Commission to facilitate the operation of its various programs. The college campus spans 133.6 acres, with a building occupying 251633 square feet. The classrooms, laboratories, and seminar halls

are equipped with state-of-the-art facilities, including a robust computing system and Internet access. In addition to the main building, the college boasts a spacious layground for sports activities. Furthermore, the college fosters an environment that places significant emphasis on extracurricular activities and offers support services through the National Service Scheme and National Cadet Corps departments.

File Description	Documents
Upload relevant supporting document	No File Uploaded

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

VSSUT has one cultural club for cultural activities. This club is running by Dean Student welfare of the university. Dean Student welfare has appointed Vice president and Faculty advisor for smooth running of the cultural club.

1) STUDENTS' CULTURAL ASSOCIATION

FUNCTIONS :

1. To organise debates, Quiz, indoor games, Ganesh Puja and saraswati Puja
2. To organise discussion on general, technical, cultural, academic, national and international problems.
3. To invite eminent persons to address the Association.

2) DRAMATIC ASSOCIATION

FUNCTIONS :

1. to present theatrical performances and variety shows etc. which exploit and develop musical & histrionic talents of the students.

3) YOGA CENTRE

FUNCTIONS :

1. Yoga classes for the students of first year to keep their body and mind fit through yogic postures, asanas, pranayams, transcendental meditation and Rajyoga practice.
2. Interested students, other than the first year as well as

staff are also encouraged to attend.

4) ATHLETIC CLUB The Athletic Club is well equipped with a Gymnasium and athletic video library with all the modern facilities and infrastructures

FUNCTIONS :

1. To promote athletic activity amongst the students
2. To conduct the sports and athletic tournaments of the University.

File Description	Documents
Upload relevant supporting document	No File Uploaded

4.1.3 - Availability of general campus facilities and overall ambience

The major campuses of of VSSUT Burla is situated near the bed of Mahanadi river and Hirakud Dam of western odisha. In order to attract the best talent of faculty and staff, all modern amenities such as connectivity (electronic and physical) and medical/residential/recreational facilities are available within the campuses or in close proximity. Some of the key features and general facilities, available at vssut campuses, are listed below:

1. Gated Campus and Security: Fully gated and walled community with 24x7 physical and electronic surveillance systems have been established at all the campuses.
2. Residential Facilities for Staff and Faculty: On campus residential accommodation is available for single and married employees, along with their families. This is offered free or for a very nominal rental for covering maintenance.
3. Residential Facilities for Students: The campuses have segregated female and male residential facilities (to accommodate up to 100 % of the enrolled students), ranging from multiple/dual to single occupancy with shared/attached facilities.
4. Guest House: Each campus has a guest house that is operated by professional staff.
5. Mess/Dining Halls: Each campus has multiple mess and dining halls.

6. Clinic & Medical Facilities: The campuses have basic medical facilities and dedicated ambulances

File Description	Documents
Upload relevant supporting document	No File Uploaded

4.1.4 - Total expenditure excluding salary for infrastructure augmentation during the year (INR in Lakhs)

1300

File Description	Documents
Upload the data template	No File Uploaded
Upload relevant supporting document	No File Uploaded

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS) and has digitisation facility

VSSUT University is now a member of Indian National Digital Library in Engineering Science and Technology with financial support provided by the All India Council of Technical Education. As such online access to the journals of ASCE, ASME and IEL, IEEE, Science direct are available to all the members of the Library. Further under the auspices of the INDEST we have access to JET (J-Gate Engineering and Technology). Due to financial constraints imposed by our funding authority (the Government of Orissa) we have been forced to discontinue subscription to all foreign journals from the Calendar year 2004. The current periodicals are displayed in the Journal Hall of the Library.

File Description	Documents
Upload relevant supporting document	View File

4.2.2 - Institution has subscription for e-Library resources Library has regular subscription for the following: e – journals e-books e-ShodhSindhu Shodhganga Databases

C. Any 2 of the above

File Description	Documents
Upload relevant supporting document	No File Uploaded

4.2.3 - Annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the year (INR in Lakhs)

79

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

4.2.4 - Number of usage of library by teachers and students per day (foot falls and login data for online access)

0

File Description	Documents
Upload relevant supporting document	No File Uploaded

4.3 - IT Infrastructure

4.3.1 - Number of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities during the year

49

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

4.3.2 - Institution has an IT policy, makes appropriate budgetary provision and updates its IT facilities including Wi-Fi facility

The institution through its central internet facility, forms policy, makes budgetary provision and updates its IT facility including Wi-Fi facility.

File Description	Documents
Upload relevant supporting document	No File Uploaded

4.3.3 - Student - Computer ratio during the year

Number of students	Number of Computers available to students for academic purposes
4410	500

4.3.4 - Available bandwidth of internet connection in the Institution (Leased line)

- 500 MBPS - 1 GBPS

File Description	Documents
Upload relevant supporting document	No File Uploaded

4.3.5 - Institution has the following Facilities for e-content development Media centre Audio visual centre Lecture Capturing System(LCS) Mixing equipment's and softwares for editing

- D. Any 1 of the above

File Description	Documents
Upload relevant supporting document	No File Uploaded
Upload the data template	No File Uploaded

4.4 - Maintenance of Campus Infrastructure**4.4.1 - Total expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the year**

7306

File Description	Documents
Upload the data template	No File Uploaded
Upload relevant supporting document	No File Uploaded

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.

There are established procedures in place, ensuring the active involvement of all stakeholders. These procedures encompass the systematic labeling of universityfiles, maintenance of stock registers, the endorsement of annual maintenance contracts, and the allocation of responsibilities for the actual maintenance and utilization of universityfacilities. Students are provided with

clear instructions on the proper usage of equipment and books. All purchases and expenditures for repair and maintenance adhere to the guidelines outlined in the GeM portal.

The Central Purchase and Stock Verification Committee oversee adherence to correct procedures in purchases and conduct periodic stock verifications. The library is maintained by the librarian and her team, who ensure the books are in good condition through regular binding and the removal of outdated books. Laboratory maintenance is handled by the laboratory attendant and lab assistants. Computers, UPS, software, and LCDs are managed by technicians, lab assistants, and PICs. Room and lab cleaning are undertaken by safai karamcharis and lab attendants. Sports facilities are overseen by the Dean Student welfare, the Sports Committee, and support staff, while gardeners are designated for the upkeep of the gardens. The university has a building subcommittee, formed by the Governing Body of the university, which recommends repairs and the expansion of university infrastructure.

File Description	Documents
Upload relevant supporting document	No File Uploaded

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Total number of students benefited by scholarships and free ships provided by the institution, Government and non-government agencies (NGOs) during the year (other than the students receiving scholarships under the government schemes for reserved categories)

1216

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

5.1.2 - Total number of students benefited by career counselling and guidance for competitive examinations offered by the Institution during the year

0

File Description	Documents
Upload the data template	No File Uploaded
Upload relevant supporting document	No File Uploaded

5.1.3 - Following Capacity development and skills enhancement initiatives are taken by the institution Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) Awareness of trends in technology	C. Any 2 of the above
--	------------------------------

File Description	Documents
Upload the data template	No File Uploaded
Upload relevant supporting document	No File Uploaded

5.1.4 - The Institution adopts the following for redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organisation wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees	• All of the above
---	---------------------------

File Description	Documents
Upload relevant supporting document	View File

5.2 - Student Progression

5.2.1 - Number of students qualifying in state/ national/ international level examinations during the year (eg:NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations)

5.2.1.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

20

File Description	Documents
Upload the data template	No File Uploaded
Upload relevant supporting document	No File Uploaded

5.2.2 - Total number of placement of outgoing students during the year

808

File Description	Documents
Upload the data template	No File Uploaded
Upload relevant supporting document	View File

5.2.3 - Number of recently graduated students who have progressed to higher education (previous graduating batch) during the year

20

File Description	Documents
Upload the data template	No File Uploaded
Upload relevant supporting document	No File Uploaded

5.3 - Student Participation and Activities

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

26

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

5.3.2 - Presence of Student Council and its activities for institutional development and student welfare

Effective student council is operational at VSSUT. It is an initiative to harness leadership skills amongst the students. The student led body undertakes responsibility in organizing various events, discipline students and bring accountability in their sphere of allocated duties. The Class Representative (CR) system is

fundamental to student representation as leaders. It allows one male and one female student to represent each class in the University, with meetings at regular intervals to ensure the system's efficiency and effectiveness in putting forward the interests and views of the students. Technical/ Functional/ University Club/ Committees elect President, Vice Presidents, Member Secretary and Treasurer position, where students organize domain specific events, extra-curricular events (non domain specific), competitions and conferences honing their subject expertise skills in addition to their leadership skills. Club/ Committee activities, workshops, Intra-Domain and Inter-University competitions enhance the communication skills, team management skills, leadership skills, time-management, resourcemanagement skills and above all build confidence in each student through the Club/ Committee platform, provided by the Institution/ University, students learn to do practical implementation of the classroom learning. Office of Dean Student Welfare monitors the effectiveness and outcome of Club/ Committee activities.

File Description	Documents
Upload relevant supporting document	No File Uploaded

5.3.3 - Number of sports and cultural events / competitions organised by the institution during the year

35

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

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 other support services during the year

Objectives of the Alumni Association:

1. Foster and enhance close connections among the alumni, as well as between the alumni and the Institution.
2. Cultivate friendly relationships among all members of the alumni, fostering an interest in the Institution's affairs and well-being.
3. Disseminate information about the Alma Mater, its graduates,

faculty, and students among the alumni.

4. Develop and implement programs for the benefit of the alumni.
5. Support the Institution in its fundraising efforts for development.
6. Serve as a platform through which alumni can contribute to and promote academic excellence at the Institution.
7. Guide and assist recent graduates in securing employment and engaging in productive pursuits beneficial to society.
8. Organize and coordinate reunion activities, allowing alumni to express gratitude to their Alma Mater.
9. Collect, publish, and distribute information beneficial to both the alumni and their Alma Mater.

Activities and Contributions:

1. Alumni have contributed funds to support economically disadvantaged and meritorious students at the Institution.
2. Alumni actively participate as members in the Board of Studies across all departments, attending college meetings to interact with teachers and provide input on curriculum revision.
3. Some alumni have delivered guest lectures to current students, sharing insights on contemporary technological developments and providing guidance on career choices.

File Description	Documents
Upload relevant supporting document	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)

D. 1 Lakhs - 3Lakhs

File Description	Documents
Upload relevant supporting document	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The institution has a clearly stated vision and mission which are reflected in its academic and administrative governance

Vision :

To emerge as an internationally acclaimed Technical University to impart futuristic technical education and creation of vibrant

research enterprise to create quality engineers and researchers, truly world class leader and unleashes technological innovations to serve the global society and improve the quality of life.

Mission :

The Veer Surendra Sai University of Technology, Odisha, Burla strives to create values and ethics in its products by inculcating depth and intensity in its education standards and need based research through

- Participative learning in a cross-cultural environment that promotes the learning beyond the class room.
- Collaborative partnership with industries and academia within and outside the country in learning and research.
- Encouraging innovative research and consultancy through the active participation and involvement of all faculty members.
- Facilitating technology transfer, innovation and economic development to flow as natural results of research where ever appropriate.
- Expanding curricula to cater broader perspectives.
- Creation of service opportunities for upliftment of the society at large.

File Description	Documents
Upload relevant supporting document	View File

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

- All decision making processes are participatory. The highest decision making body of the university is the Board of management consisting of representative from faculty members nominated by Vice-chancellor and Academic Council, member nominated by AICTE and UGC, representative from Odisha Legislative Assembly, Chancellor's nominee from reputed institute, Chancellor's nominee from Alumni of the university, Vice-Chancellors of other Universities, Director Technical Education & Training, Odisha, Principal Secretary of SDTE, Govt. of Odisha.
- Academic council is the highest decision making body related to academic matters of the university that consists of Vice-chancellor as the chairman, all Deans of the University, Heads of all the departments, student and faculty representatives from each departments, representative from Alumni, and

external experts from other higher learning institutes as members. Based on the inputs/ feed backs received from all the stake holders, academic council periodically reviews the existing curriculum and redesign it as per the recent need of the industry and society.

- The University constitutes internal and external members for Board of studies (BOS) for each department. The BOS consists of representatives of faculty members from each department as internal members, academicians from NITs, IITs and other higher learning institutes and industry personnel as external members. The head of the department acts as chairman ex-officio for the BOS. BOS takes decision related to academic matter at department level, reviews existing syllabus and suggests for modification and implementation of new courses at department level.

File Description	Documents
Upload relevant supporting document	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic plan is effectively deployed

The University follows the curriculum approved by its own Academic Council and Board of Management. Our faculty members participate at various bodies of the university such as Academic Council, Board of Studies (BOS), and Subject Chairmen who contribute in framing of syllabus regularly. The University has its own stakeholder's feedback policy in place. The purpose of this Policy is to provide a framework for obtaining, summarizing and documenting information on student and stakeholder perceptions of the quality and effectiveness of the VSSUT's curriculum. All the feedbacks received from various stakeholders are summarized and analysed. The recommendations are communicated to the BOS for curriculum revision.

File Description	Documents
Upload relevant supporting document	View File

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

VSSUT is a state government institution and therefore the functioning of the university follows the norms of SDTE dept. of Govt. of Odisha and it decides the service rules.

File Description	Documents
Upload relevant supporting document	View File

6.2.3 - Institution Implements e-governance in its areas of operations

6.2.3.1 - e-governance is implemented covering following areas of operation

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

A. All of the above

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has a performance appraisal system, promotional avenues and effective welfare measures for teaching and non-teaching staff

The institution has a performance appraisal system which is implemented every year where both internal and external experts evaluate the performance of the faculty members. Similarly there are performance appraisal systems for non-teaching staff.

File Description	Documents
Upload relevant supporting document	View File

6.3.2 - Total number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

87

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

6.3.3 - Number of professional development / administrative training Programmes organized by

the institution for teaching and non-teaching staff during the year

3

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

6.3.4 - Total number of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the year(Professional Development Programmes, Orientation / Induction Programmes Refresher Course, Short Term Course)

239

File Description	Documents
Upload the data template	No File Uploaded
Upload relevant supporting document	No File Uploaded

6.4 - Financial Management and Resource Mobilization**6.4.1 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources**

Being a state government institution, the institution receives funding from government for its regular operations and development activities.

File Description	Documents
Upload relevant supporting document	No File Uploaded

6.4.2 - Funds / Grants received from government bodies during the year for development and maintenance of infrastructure (not covered under Criteria III and V) (INR in Lakhs)

100000000

File Description	Documents
Upload the data template	No File Uploaded
Upload relevant supporting document	No File Uploaded

6.4.3 - Funds / Grants received from non-government bodies, individuals,philanthropists during the year for development and maintenance of infrastructure (not covered under Criteria III and V)(INR in Lakhs)

10000000

File Description	Documents
Upload the data template	No File Uploaded
Upload relevant supporting document	No File Uploaded

6.4.4 - Institution conducts internal and external financial audits regularly

The institute has established mechanisms for conducting internal and external audits for every financial year to ensure financial compliance. The internal audits are carried out whenever required. An external auditor appointed by the Government of Odisha(A.G./Local Fund) executes the statutory audit. Statutory financial audit is conducted in two sessions, one in the month of October/November for the period of April to September and second in the month of April /May for the period of October to March. Finalization of the account is completed in June/July and audited statements are prepared in June/July duly signed by the Comptroller of Finance, and chartered accountant. No major objections are found in the audit by the statutory auditors and minor audit suggestions are compiled with as per procedure.

File Description	Documents
Upload relevant supporting document	No File Uploaded

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 by constantly reviewing the teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals

IQAC cell from its creation has been instrumental in implementing various quality assurance measures in the university starting from regular academic audits and providing guidelines for teaching learning process including computation of attainment of various course and program outcomes.

File Description	Documents
Upload relevant supporting document	No File Uploaded

6.5.2 - Institution has adopted the following for Quality assurance Academic Administrative

A. Any 5 or all of the above

Audit (AAA) and follow up action taken
Conferences, Seminars, Workshops on
quality conducted Collaborative quality
initiatives with other institution(s) Orientation
programme on quality issues for teachers and
studens Participation in NIRF Any other
quality audit recognized by state, national or
international agencies (ISO Certification,
NBA)

File Description	Documents
Upload the data template	No File Uploaded
Upload relevant supporting document	No File Uploaded

6.5.3 - Incremental improvements made for the preceding during the year with regard to quality (in case of first cycle) Post accreditation quality initiatives(second and subsequent cycles)

After the formation of the IQAC cell, the institute has made significant improvements in the various aspects of functioning such as

1. Teaching learning process
2. Research and development
3. Creation of ICT enabled classrooms
4. Consultancy activities
5. Structured feedback process

File Description	Documents
Upload relevant supporting document	No File Uploaded

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

The Institute has an Internal Complaint Cell to eliminate unlawful discrimination, harassment, victimization and any other conduct that affects equality. The Institute also sensitizes all the employees and celebrates International Women's Day every year on 8th March inviting woman entrepreneurs, leaders, and administrators inspiring with their motivational talk. The students also play skits or dance on such issues to raise

awareness. After admission, the new students are sensitized by regular sessions within the induction and orientation programs.

File Description	Documents
Upload relevant supporting document	View File
Annual gender sensitization action plan(s)	Nil
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common rooms d. Daycare Centre e. Any other relevant information	Nil

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment

A. Any 4 or All of the above

File Description	Documents
Upload relevant supporting document	View File

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

Solid waste is segregated as bio-degradable and non-degradable and handed over to Sambalpur Municipal Corporation (SMC) as a part of the Swachh Bharat initiative from the university halls of residence and staff quarters. In the institute also similar segregation is done in different dust bins in the cafeteria, canteens, toilets and corridors and disposed of in a similar manner. Workshops and awareness programmes are organized in the university. Posters are put in different locations "say no to plastic". In the first week of October mass cleanliness drive involving all students, staff, cleaning staff and security is organized to make students aware of reducing garbage dumped here and there. The waste sewerage water is collected in well-constructed drains

and are maintained regularly to prevent waterlogging. The electronics wastes from circuit components, old machines and PCs are disposed of after proper documentation and write-off through tender calls and approval (<https://vssut.ac.in/doc/Minutes-42nd-BOM.pdf>). The students are

involved in research for recycling and upcycling of waste such as waste paper, construction of building materials from waste such as fly ash, polythene etc. Old battery used for back up are strategically exchanged during new purchase instead of disposing as waste.

File Description	Documents
Upload relevant supporting document	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles
3. Pedestrian-friendly pathways
4. Ban on use of plastic
5. Landscaping

A. Any 4 or All of the above

File Description	Documents
Upload relevant supporting document	View File

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institution's initiatives to

A. Any 4 or all of the above

preserve and improve the environment and harness energy are confirmed through the following:

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

File Description	Documents
Upload relevant supporting document	View File

7.1.7 - The Institution has a disabled-friendly and barrier-free environment Ramps/lifts for easy access to classrooms and centres. Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software,mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	View File

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words)

The university provides an inclusive environment by conductingvarious activities at the club and society level.

File Description	Documents
Upload relevant supporting document	View File

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:

The institution conducts mandatory courses and FDPs for all faculty and staff and also organizes several training program for the students to sensitise them to constitutional obligations: values, rights, duties and responsibilities of citizens.

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on Code of Conduct are organized

All of the above

File Description	Documents
Upload relevant supporting document	View File

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

The institute celebrates all national, state and regional level commemorative days, events and festivals.

File Description	Documents
Upload relevant supporting document	View File

7.2 - Best Practices

7.2.1 - Describe one best practice successfully implemented by the Institution as per NAAC format provided in the Manual

1. Title of the Practice: Transparency and timeliness in conduct of examination and result publication.

2. Objectives of the Practice:

1) To enable students pursue their volition and internship in time with on time publication of results

2) To minimize unnecessary litigation and ensure transparency.

3. The Context:

The institute has a provision of showing answer scripts to students after each examination.

4. The Practice:After conduction of examinations, the examiners evaluate the copies by preparing a scheme of evaluation and answers to questions. After evaluation is over, before entering the marks in the portal, the teachers have to show the answer scripts to students. T

5. Evidence of Success:Due to the process mentioned above, the litigation (w.r.t. to RTI and court cases) and grievances of students relating to examinations has come down to zero over the past years which used to be a major issue with the students. The examination date and the results publication is duly available on the website.

6. Problems encountered and resources required:

The problems were mostly related to manpower availability in the examination section and examination automation process. However, the above issues were solved by outsourcing of staff and automation by SAMARTH portal.

7. Notes:

The university has a policy of showing the evaluated answer scripts to students which saves unnecessary grievances related to the evaluation process.

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

The primary focus of the institute is in the area of technical education and skill development. In the face of the crisis created by COVID pandemic, the institute has adopted to the changing circumstances and employed online mode of examination for completing examinations on time and following due procedure thus enabling students to pursue their volition in higher studies and placements without any delay. This is in line with the past performance of the institution to conduct examination on time. The institute has been accorded the best performer in the area of utilizing TEQIP-III funds for enhancement of quality education such as creation of learning resources, improvement

of student learning, graduate employability, faculty and staff development and motivation, research and development, MOOCs and digital learning, reforms and governance. The hostel corpus fund has been utilized to improve the amenities of the hostel to enable unhindered learning of the students outside the classroom. Three number of international students with ICCR scholarship has been admitted to PG and PhD programs of the university. The students of the university have created and tested the VSLV rocket using Alumni funding and through collaboration with ISRO. VSSUT has signed Memorandum of Understanding with several leading institutions and organization to take its technical education standard to next level.

7.3.2 - Plan of action for the next academic year

01. To strengthen the relationship with Alumni and for internationalization of VSSUT, BOM suggested to create a Dean position as Alumni relation and International Affairs (ARIA).
02. Special induction programs have been planned for faculty members and staff to enrich their administrative capabilities and smooth functioning.
03. Being one of the oldest Engineering institutions of the country and the first in the state, substantial funding from the various sources is planned for renovation of infrastructure, laboratories, teaching aids, and accommodation of faculty and students.
04. Further effort will be put into Industry-Institute collaborations with leading corporate houses in the country in general and Odisha in particular.
05. Reward schemes will be devised for the performing faculty in the form of a "Best Faculty Award" every year with suitable honorarium to be awarded during annual convocation.
06. VSSUT will collaborate with BPUT, OTR and other leading institutions to pursue R&D in niche areas.
07. Write-off of the old items have been planned to create space for new items.
08. Provision of institute fellowship to M.Tech. and Ph.D. student is to be pursued with the Government.
09. Creation of schools comprising several departments for smooth functioning of the university and collaborative interdisciplinary research.
10. Engagement of resource persons to streamline land and legal processes.