



## YEARLY STATUS REPORT - 2023-2024

<b>Part A</b>	
<b>Data of the Institution</b>	
<b>1.Name of the Institution</b>	Hirasugar Insitute of Technology
• Name of the Head of the institution	Dr. S. C. Kamate
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	08333278887
• Mobile No:	9535666217
• Registered e-mail	principal@hsit.ac.in
• Alternate e-mail	sck8250@gmail.com
• Address	At/Post: Nidasoshi
• City/Town	Tal: Hukkeri, Dist Belagavi
• State/UT	Karnataka
• Pin Code	591236
<b>2.Institutional status</b>	
• Affiliated / Constitution Colleges	Affiliated
• Type of Institution	Co-education
• Location	Rural
• Financial Status	Self-financing

• Name of the Affiliating University	Visvesvaraya Technological University
• Name of the IQAC Coordinator	Dr. S. N. Topannavar
• Phone No.	08333278887
• Alternate phone No.	08333278886
• Mobile	9482440235
• IQAC e-mail address	iqac@hsit.ac.in
• Alternate e-mail address	sntopannavar.mech@hsit.ac.in
<b>3.Website address (Web link of the AQAR (Previous Academic Year)</b>	<a href="https://hsit.ac.in/NAAC/HSITAQAR2022.pdf">https://hsit.ac.in/NAAC/HSITAQAR2022.pdf</a>
<b>4.Whether Academic Calendar prepared during the year?</b>	Yes
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://hsit.ac.in/coe/COE202324.pdf">https://hsit.ac.in/coe/COE202324.pdf</a>

**5.Accreditation Details**

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.03	2019	08/02/2019	07/02/2024
Cycle 2	A+	3.41	2024	23/08/2024	22/08/2029

**6.Date of Establishment of IQAC**

10/03/2018

**7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,**

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Department	K-FIST L1	Vision Group on Science & Technology, Govt. of Karnataka	2023-24	1000000
Institutional 1	SEG Project	Unnat Bharat Abhiyan, Govt. of India	2023-24	100000
<b>8. Whether composition of IQAC as per latest NAAC guidelines</b>			<b>Yes</b>	
<ul style="list-style-type: none"> <li>Upload latest notification of formation of IQAC</li> </ul>			<a href="#">View File</a>	
<b>9.No. of IQAC meetings held during the year</b>			<b>7</b>	
<ul style="list-style-type: none"> <li>Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?</li> </ul>			<b>Yes</b>	
<ul style="list-style-type: none"> <li>If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>			<a href="#">View File</a>	
<b>10. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>			<b>Yes</b>	
<ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>			<b>1100000</b>	
<b>11. Significant contributions made by IQAC during the current year (maximum five bullets)</b>				
<p>? Implementation of NEP-2020 based curriculum ? MoUs and Linkages to enhance placements, Skill Development, Research &amp; Development etc. ? Social &amp; Sensitizing activities conducted through NSS, WEC, YRC, UBA etc. ? International Conferences, Project Exhibitions, value added courses etc. are conducted ? Academic infrastructures and amenities are updated as per NEP-2020</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
Submission of NAAC Cycle-02 IIQA & SSR	IIQA & SSR are submitted and institute Accredited at A+ grade with CGPA of 3.41
Implementation of NEP-2020 as per revised curriculum	NEP based curriculum has been implemented successfully
Organising/conducting of Social, UHV, Cultural and Technical activities, Visits , Exhibitions ,YRC, NSS activities and camps.etc.	All activities are conducted and assessed successfully. The improvement and progress in the students accounted and monitored
Organizing International Conference	International Conference ICRTET-2023 has been conducted successfully, more than 50 papers were published in the reputed journals and proceedings
Conducting Academic Audit by external experts	The Academic Audits of all the departments are conducted successfully and suggestions given by the expertise are incorporated for further improvements
Conducting meetings of Governing Council and IQAC periodically	Meetings are conducted as per schedule

**13. Whether the AQAR was placed before statutory body?**
**Yes**

- Name of the statutory body

Name	Date of meeting(s)
Governing Council, VTU LIC	18/06/2024

**14. Whether institutional data submitted to AISHE**

Year	Date of Submission
2024	26/02/2024

### 15. Multidisciplinary / interdisciplinary

The affiliated university has designed and implemented the curriculum as per the aspirations of NEP-2020. The curriculum integrates science and humanities, Technology, Engineering, and Mathematics (STEM) to provide students a quality education. The curriculum also includes subjects like Communicative English, Innovation and Design Thinking, Scientific Foundations of Health, Social Connect and Responsibility, Constitution of India and Professional Ethics, Biology for Engineers, Universal Human Values, and Environmental Studies. In addition to these subjects, the University curriculum offers ability enhancement courses right from Rural Development to Research Methodology & Intellectual Property Rights. Institute has implemented teaching, learning and evaluation processes as per the revised curriculum of the university. The students are undergoing internships, participate in activities and learn through interdisciplinary/multidisciplinary projects. Our institute offer certificate/add-on courses to the students, which gives freedom to the student to choose their preferred options from the range of programs. Trainings on certificate courses are being conducted online/off-line so that students of all streams can learn their preferred multi-disciplinary subjects. Institute is carving out the way for the fruitful implementation of multidisciplinary and interdisciplinary education which will definitely enable our students to develop the skills required for 21st century employment/competition. The programs offered by the institution provide students to a wide range of disciplines and encourage them to think critically, innovate and design solutions to complex problems. To achieve this, the institution offers flexible and innovative curricula as per VTU that includes credit-based courses and projects in the areas of community engagement and service, environmental-education, and value-based-education. The institution is committed to promoting research among its faculty and students. The institution encourages its faculty to participate in research activities to carry out their research work. In terms of good practices, the institution has implemented several initiatives to promote a multidisciplinary/interdisciplinary approach in line with NEP 2020.

### 16. Academic bank of credits (ABC):

Institute welcomes the change, which is to create a framework for the country to take advantage of its demographical dividend.

Provisions of Academic bank of Credit proposed in the NEP 2020 is to facilitate multiple entries and exit points in the academic programs. This is an innovative idea to earn and deposit credits through National schemes like SWAYAM, NPTEL, etc. leading to credit transfer and accumulation which will help the students to get the program completed. Visvesvaraya Technological University (VTU) Belagavi being initiated to implement the academic bank of credits (ABC) system, which is designed to provide flexibility and mobility to students by enabling them to choose courses according to their interests and pace of learning. All students of our institute are registered to ABC of National Academic Depository as per the affiliated university notification. While more clarity will be visible in the coming months on how the academic bank of credits being proposed in the policy shape up. In the present scenario by following university regulation students are encouraged to participate in earning Honours degree through earning 20 extra credit points (Choice based credit system -CBCS) by participating in different MocoCs courses. Implementing ABC system requires a significant change in the current system of teaching and learning. It requires the institution to offer a wide range of courses and provide multiple entry and exit points to students. Additionally, it requires the institution to have a robust assessment and evaluation mechanism to ensure the quality of learning outcomes. The institution looks forward for complete implementation by VTU of the academic bank of credits system in the future expand with the vision of the National Education Policy 2020.

**17.Skill development:**

The institute is facilitating and guiding the students to acquire various skills during their graduations. Students are inculcating communication skills, managerial skills, organising, life, entrepreneurship and technical skills as per the institute employment policy and guidelines of the VTU. The institution provides various ability enhancement courses, including soft skills as per the revised curriculum. Students are also required to complete at least one skill based value added program and internship in different semesters. In addition to the Universal Human Value Course and Social Connect and Responsibility, as per the VTU curriculum. The college has implemented the Choice Based Credit System (CBCS) to ensure that students take part in internships before graduating. The institute also engages the services of industry veterans and master craftspeople to provide technical skills and overcome the curriculum gaps. The Institute has already set up an In-house Training and Placement Cell with two components providing 1)Technical 2)Soft-skills trainings. The curriculum

enrichment is achieved through beyond syllabus activities and value added courses imparting transferable and life skills in the form of MOOCs through NPTEL, SWAYAM etc. and programs on extra-curricular and co-curricular activities are conducted. Institute has also signed MOUs with various organisations/Industries to create an excellent opportunity to students for corporate experience and pre-joining training before they start their new journey in Corporate World. These MoU will further enhance the pool of talent transformation in the field of emerging technologies like Cloud computing Infrastructure services etc. Need of the hour is to produce young generation obtaining degrees in their choice of subjects and additional skill courses that will help them to start their own entrepreneurship after leaving the college. In this way a graduate from one college will become a job provider than a jobseeker.

#### **18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)**

Indian education system has greatly influence by its rich culture, history and diversity. The Indian Knowledge System (IKS) represents a holistic approach to learning, taking inspiration from the country's ancient wisdom. IKS recalls a commitment to building individuals capable of contributing meaningfully to society. Keeping this in mind our institute makes all efforts to create awareness about IKS by organising various cultural, co-curricular and extracurricular activities. To promote the IKS, our institution has incorporated internships at various levels focusing on Indian arts and culture. We also make efforts to preserve and promote traditional Indian knowledge, arts, culture and traditions. Regarding bilingual mode teaching, our institution has trained its faculty to provide classroom delivery in both English and also in vernacular language for better understanding to students. Institute ensures appropriate integration of IKS as per the revised curriculum of the VTU. Students are learning regional language, Gender, Environmental Sustainability, Human Values and Professional Ethics for development of creative and divergent competencies. Subjects like Indian Constitution, Ethics & Value system of Indian culture, Environment Eco-system, etc. are offered in order to inculcate sense of national integration, culture and civic sense among the student community. Students are participating in cultural and social activities to promote IKS. The students are sensitised through activities on cross cutting issues such as gender-equity, inclusivity, national-integration, civic-sense, unity-in-diversity etc. Although the primary mode of communication is English, faculty members and technical assistants are also imparting the knowledge

and clearing doubts by communicating in regional languages like Kannada, Marathi and Hindi, predominated by the students of those communities in this southern part of the country. Institute has provision of various committee activities which contribute to sensitizing students on cross-cutting issues.

#### **19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):**

UG Programmes of the institute are accredited by National Board of Accreditation (NBA). The POs and PSOs are attained through Direct and Indirect methods. The institution has formulated Program Educational Objectives (PEOs) and Program Specific Outcomes (PSOs) for all its programs as per the guidelines of the NBA. To capture the Outcome based education in teaching and learning practices, the institution has adopted various pedagogical tools such as project-based learning, case studies, industry internships, and hands-on experience in laboratories. The institution has also implemented a continuous assessment system that enables the faculty to monitor the attainment of the intended learning outcomes by the students. In view of NEP 2020, the institution has introduced several good practices pertaining to (OBE). The institution has started conducting regular workshops and training programs for the faculty to help them understand the importance of OBE and its implementation. The institution has also started using innovative teaching methodologies such as flipped classroom, blended learning, and e-learning to enhance the effectiveness of OBE. Efforts have been taken by the faculty members in the Institute to fulfil the objectives and achieve the target as per the structured curriculum provided by the affiliating university. Variety of approaches in teaching Learning process like lectures, seminars, tutorials/workshop/practical and project-based learning field work, technology enabled learning internship and research work are being adopted. Institute also follows OBE through measuring the outcomes following the norms as specified by National Board of Accreditation and includes them in the course file. The Course Outcomes(COs) are also aligned to the Program Outcome / Program Specific Outcome / Program Education Objective (PO-PSO-PEO) philosophy and outcome evaluation carried out course wise as well as at the program level.

#### **20.Distance education/online education:**

As per the university regulation, students are encouraged to participate in earning Honours degree through earning extra credits by participating in MOOCs. E-resources, pedagogical initiatives and innovative teachings aids have been using as per university curriculum for effective teaching-learning process. During the Covid-19, online classes were conducted effectively by all faculty



members. The Covid pandemic, online classes were conducted in all programs, helping the students to study e-contents for all subjects in all semesters. Both faculties and students have experienced the online teaching and evaluation process through different software. Institute is also preparing to make available all such type of e-content materials prepared by faculty members to all students through online mode to meet the future challenges. So, the institution is well prepared in this regard. We have made significant efforts to develop and use technological tools for teaching and learning activities. We have a Learning Management System (LMS) in place that provides a platform for online delivery of courses and resources. We have also developed digital content, including videos, animations, and simulations, to enhance the learning experience of our students. Our institution has taken significant steps towards blended learning, which combines face-to-face instruction with online learning. As a good practice, our institution has been actively using online learning resources to complement face-to-face instruction. During the COVID-19 pandemic, we have transitioned smoothly to online mode of education, ensuring the continuity of learning for our students. We have also developed a comprehensive online examination system that ensures fair and secure assessment of our students' learning outcomes. Our institution has also established a dedicated IT support team to provide technical assistance to faculty and students.

### Extended Profile

#### 1.Programme

1.1	382
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

#### 2.Student

2.1	992
Number of students during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

2.2	104
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
2.3	152
Number of outgoing/ final year students during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
<b>3.Academic</b>	
3.1	55
Number of full time teachers during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
3.2	68
Number of Sanctioned posts during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
<b>4.Institution</b>	
4.1	35
Total number of Classrooms and Seminar halls	
4.2	176.82
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	373
Total number of computers on campus for academic purposes	

## Part B

### CURRICULAR ASPECTS

#### 1.1 - Curricular Planning and Implementation

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

Hirasugar Institute of Technology Nidasoshi, is self-financed Private Institute affiliated to VTU Belagavi, Karnataka. The distribution of academic work-load for next semester is done after the end of on-going semester. The Institute Calendar of Events is prepared incorporating academic, co-curricular and extra-curricular activities planned for the semester in line with university's COE. The Time-Table of all departments is prepared and displayed one week before the commencement of semester. All teachers prepare course plan of each course which includes Syllabus, COs, prerequisites, delivery plan, question bank, and results of previous semesters. All course coordinators use pedagogical teaching aids & e-resources. The laboratory manuals are prepared by course coordinators. The IAT and assignment questions are scrutinized by module coordinators and approved by HOD. Student's performance in IAT's is communicated to parents through SMS. Poor performers in the internal assessment are counseled by teacher. Special lectures/invited talks of eminent personalities and industry-visit are arranged. The stakeholders feedback is collected and the analysis report has been communicated to concerned authorities. Group of 15-20 students are allotted to each teacher for counseling & mentoring. Weekly meetings are conducted for academic review at institute level and at department level. Academic Audit is conducted every year by internal and external experts.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://hsit.ac.in/NAAC/AQAR/2023-24/C1/1.1.1.pdf">https://hsit.ac.in/NAAC/AQAR/2023-24/C1/1.1.1.pdf</a>

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

The institute academic calendar is prepared before the commencement of the semester in line with university academic calendar by IQAC coordinator in consultation with HOI. All the academic and extra-curricular activities that are to be carried out are included in

COE. The IAT's are conducted in each semester centrally and department wise Laboratory IA's are conducted in line with the dates mentioned in the COE. Continuous evaluation and assessments are done for laboratory course, project work, seminars, and internships at the end of the semester as per rubrics in adherence to dates in COE. Feedback on Teaching Learning Process is collected for the CAY. All the national Festivals are celebrated. Project Exhibition was organized for final year students. Dates of important academic and extra-curricular activities are reminded to concerned students through Institute/Department notice boards & by sending SMS. Rescheduling of certain activity/IAT's dates made due to changes in certain aspects are intimated to students, faculty members by sending messages. SEE are conducted as per University schedule from time to time. Institute has grievance redressal system to raise any grievances. Time limits are provided for the activities mentioned in the COE. Weekly meetings are conducted at institute level to monitor the progress of all activities.

File Description	Documents
Upload relevant supporting documents	<a href="#">View File</a>
Link for Additional information	<a href="https://hsit.ac.in/NAAC/AQAR/2023-24/C1/1.1.2.pdf">https://hsit.ac.in/NAAC/AQAR/2023-24/C1/1.1.2.pdf</a>

**1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year.**

**A. All of the above**

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

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 1.2 - Academic Flexibility

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

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

5

File Description	Documents
Any additional information	<a href="#">View File</a>
Minutes of relevant Academic Council/ BOS meetings	<a href="#">View File</a>
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

### 1.2.2 - Number of Add on /Certificate programs offered during the year

#### 1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

11

File Description	Documents
Any additional information	<a href="#">View File</a>
Brochure or any other document relating to Add on /Certificate programs	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template )	<a href="#">View File</a>

### 1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

711

#### 1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

711

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of the students enrolled in Subjects related to certificate/Add-on programs	<a href="#">View File</a>

### 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 institute has made all the efforts to integrate following cross-cutting issues in the regular teaching learning process. The courses like Constitution of India, Scientific Foundation of Health, Universal Human Values, etc, are incorporated in university curriculum to ensure holistic development of the students. Institute regularly celebrates Birth anniversaries of great personalities. Health-Awareness-Programs, Blood Donation-Drives, Plastic Free Campus have been arranged in association with NSS & Red cross Units. International Yoga Day is celebrated every year. Well-formed Code of conduct is implemented in campus. Institute has functional ICC for prevention and prohibition of sexual harassment, and to address the sensitive issues of lady students' and staffs' rights and security. Gender equity sensitization activities are conducted for girl students by Women Empowerment Cell. Both girls and boys participate in sports events organized at various levels.

The curriculum is designed to create awareness for environmental sustainability and to conserve nature & natural resources with compulsory course Environmental studies. Plantation, Quizzes and Poster-presentations are arranged on the occasion of world environment day. Hermi Compost Plant has been set up in campus for getting fertilizer from KitchenWaste. The gender, Energy and Green Audits are conducted by external certified agency. Students have completed energy and environment conscious projects, internships and AICTE activities.

File Description	Documents
Any additional information	<a href="#">View File</a>
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	<a href="#">View File</a>

### 1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

77

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	<a href="#">View File</a>
MoU's with relevant organizations for these courses, if any	<a href="#">View File</a>
Number of courses that include experiential learning through project work/field work/internship (Data Template)	<a href="#">View File</a>

### 1.3.3 - Number of students undertaking project work/field work/ internships

144

File Description	Documents
Any additional information	<a href="#">View File</a>
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<a href="#">View File</a>

## 1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders  
 Students  
 Teachers  
 Employers  
 Alumni

A. All of the above

File Description	Documents
URL for stakeholder feedback report	<a href="#">View File</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	<a href="#">View File</a>
Any additional information(Upload)	No File Uploaded

#### 1.4.2 - Feedback process of the Institution may be classified as follows

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	No File Uploaded
URL for feedback report	<a href="https://hsit.ac.in/NAAC/AQAR/2023-24/C1/1.4.1.pdf">https://hsit.ac.in/NAAC/AQAR/2023-24/C1/1.4.1.pdf</a>

### TEACHING-LEARNING AND EVALUATION

#### 2.1 - Student Enrollment and Profile

##### 2.1.1 - Enrolment Number Number of students admitted during the year

##### 2.1.1.1 - Number of sanctioned seats during the year

420

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

##### 2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

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

85



File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

## 2.2 - Catering to Student Diversity

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

Institution has implemented a policy of categorization of students based on their learning abilities and class dynamics. In the beginning of the odd semester and With the help of the diagnostic test/critical observation by the class teacher and HOD, Students are classified into two categories : Slow learner and Fast learner.

Revised-Blooms-Taxonomy-Levels (RBTLs) are adopted in the teaching-learning-evaluation process as per the university guidelines. In the interest of higher-level attainments of all POs and PSOs, the institute will define and revise the quality of questions in CIE and quality of rubrics time to time with the help RBTLs and Higher-Order-Thinking-Skills(HOTS) and questions are scrutinized by the respective program module coordinator or domain expertise and approved by HOD. All the activities are evaluated with proper rubrics including project work and internships.

The mentoring and counseling has been adopted to build confidence among the slow and fast learners. The student toppers and achievers are felicitated in various platforms with awards and cash prizes. Remedial, make-up, coaching classes are conducted regularly for the development of the slow learners. GATE Coaching classes and trainings on emerging areas and personality & aptitude are conducted through the department associations and Training and Placement Cell.

File Description	Documents
Link for additional Information	<a href="https://hsit.ac.in/NAAC/AQAR/2023-24/C2/RBTL_SandRubricsinSEE-CIE-Activities.pdf">https://hsit.ac.in/NAAC/AQAR/2023-24/C2/RBTL_SandRubricsinSEE-CIE-Activities.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

Number of Students	Number of Teachers
992	55

File Description	Documents
Any additional information	<a href="#">View File</a>

## 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

The institute practices the following student centric methods to enhance learning experiences:

**Experiential-learning:** Institute has created an academic ambience for students to acquire adequate and versatile knowledge through experience-learning. Students are conducting experiments in the laboratories to realize the basic concepts. Students have gain experience of writing project proposals and synopsis for sponsorships, awards, journals, patent etc. Students are facilitated and motivated to carry out their innovative projects of national importance. The institute is facilitating and guiding students for internships, Field-trips and industry-visits.

**Participative-learning:** Institute has established the participative learning ambience by promoting Activity-Based-Learning, Project-Based-Learning, Internship-Based-Learning and Cooperative-Learning. Students are participating in various activities conducted by departments' associations, NSS & Red-cross, Sports-and-Yoga departments. Students are also participating in AICTE recommended social activities. Students are motivated to participate in various co-curricular and extracurricular activities. The achievements of the staff-and-students are published in "Magazines" and "Newsletters".

**Problem-solving:** Students are motivated, guided and mentored to inculcate logical reasoning and critical thinking skills in the class rooms through innovative teaching aids and pedagogies. Students are inspired to resolve problems of higher RBTLs and HOTS in the class room, assignments and IATs. Students are solving the societal problems through Unnat-Bharat-Abhiyan program, AICTE activities and Hackathon.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://hsit.ac.in/NAAC/AQAR/2023-24/C2/">https://hsit.ac.in/NAAC/AQAR/2023-24/C2/</a>

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

Teachers are using following ICT enabled tools and e-resources for effective teaching-learning process.

**ICT tools:** Every classroom is equipped with a LCD projector and internet facilities to access e-content, pedagogical and curriculum strengthening information from the various e-resources to enhance their knowledge and skills. All the faculty members are using ICT tools and resources to address the class room dynamics. Students are using ERP software for feedbacks and surveys. Each teacher is facilitated e-contents through WhattsApp group. Teachers are interacting with students through online platforms.

**Online resources:** Every teacher is using You-Tube and Web-links mentioned in the NEP-2020 based revised curriculum. Students are learning various emerging courses through SWAYAM, NPTEL, BITES etc. to enhance their knowledge and skills. Students are also self learning through the elective-courses mentioned in the revised curriculum on emerging areas. Students are registered for online courses to attain "Honor-Degree" as per the university guidelines. Students and teachers are participating in the online trainings, workshops and seminars etc.

**Application Softwares and e-resources:** All department laboratories are equipped with the cloud-based application softwares. Students are conducting various experiments through online virtual-labs. Institute has established Digital-Library with e-books, e-journals etc. Students are learning application software to produce Mobile-Apps projects.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	<a href="https://hsit.ac.in/NAAC/AQAR/2023-24/C2/ListofICTToolsandPedagogies.pdf">https://hsit.ac.in/NAAC/AQAR/2023-24/C2/ListofICTToolsandPedagogies.pdf</a>

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

#### 2.3.3.1 - Number of mentors

55

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	<a href="#">View File</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View File</a>
mentor/mentee ratio	<a href="#">View File</a>

## 2.4 - Teacher Profile and Quality

### 2.4.1 - Number of full time teachers against sanctioned posts during the year

55

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>

### 2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

#### 2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

13

File Description	Documents
Any additional information	<a href="#">View File</a>
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template)	<a href="#">View File</a>

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

#### 2.4.3.1 - Total experience of full-time teachers

611

File Description	Documents
Any additional information	<a href="#">View File</a>
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<a href="#">View File</a>

## 2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The mechanism of internal assessment is very robust, transparent and time bond. As per the revised curriculum of university in line with NEP-2020, the evaluation system has been divided into two segments: Continuous-Internal-Evaluation-(CIE) and Semester-End-Exam-(SEE). The CIE and SEE are evaluated in the 50:50 ratios respectively. CIE has been again divided into two components: Internal-Assessment-Test (IAT) and Continuous and Comprehensive-Assessment (CCA).

The CIE is conducted centrally and assessed by the course coordinator. The IATs and display of IAT marks are scheduled in the institute CoE and it is circulated to the students and faculty members at the beginning of the semester. The institute will conduct IATs centrally under the surveillance of CCTV camaras. The Dean (Examination) will schedule time-table and the seating plans and are displayed on the notice board a week in advance. The Duty-chart of invigilators and internal squads comprising of senior faculty are constituted for fair and transparent conduction of IAT. After

evaluation of IAT answer-sheets, marks will be displayed on the notice board as per CoE. The IAT marks are informed to the parents through SMS. The, project-work and internships are conducted and evaluated through proper questions/rubrics. The lab experiments are evaluated continuously.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://hsit.ac.in/NAAC/Cycle2/C2/2.5.1/MechanismforSEEandCIEUniversityRegulations.pdf">https://hsit.ac.in/NAAC/Cycle2/C2/2.5.1/MechanismforSEEandCIEUniversityRegulations.pdf</a>

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

The internal examinations conducted by the institute are time bond. The Continuous-Internal-Evaluation-(CIE) has been again divided into two components: Internal-Assessment-Test (IAT) and Continuous and Comprehensive-Assessment (CCA).

Dean (Examination) will schedule time-table and the seating plans and are displayed on the notice-board a week in advance. Duty-chart of invigilators and the internal squads comprising of senior-faculty are constituted for smooth, fair and transparent conduction of each IAT. IAT question papers are submitted to the IAT coordinator of the department on the day of test in a sealed cover. After evaluation of IAT answer-sheets the marks will be displayed on the notice board as per CoE and grievances related to evaluation are resolved by the course-coordinator. The IAT marks and class attendance are informed to parents through SMS. Two CCAs are conducted and evaluated with proper questions/rubrics. The CCA related grievances are resolved by the course-coordinator. The project works and internships of the students are evaluated through proper rubrics and the related grievances are resolved by the respective guide. The lab experiments are evaluated continuously and related issues/grievances are resolved by the respective course-coordinator. The provision for additional/special tests will be arranged for students participated in important/university events and for genuine reasons.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://report.vtu.ac.in/grievance/">https://report.vtu.ac.in/grievance/</a>

## 2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

National Board of Accreditation (NBA) has stated 12 Program Outcomes (POs). In line with these POs and in consultation with the stakeholders, vision and missions of the institute are defined. departmental vision and missions are defined. All visions and missions are displayed in the strategic locations and in the students study materials to create awareness. In view of the emerging trends and relevancies of the engineering and technology in specific domains, each program of the institute interacted with the various stakeholders and has stated 3 Program Specific Outcomes (PSOs). In view of assessment and attainment of POs and PSOs during graduation, the Course Outcomes (COs) are defined by the respective course coordinator in consultation with HOD and module coordinator.

The well-defined Visions and Missions, POs, PSOs and COs are published, circulated, displayed and are made available for students and staff members through:

- Institute website
- Cover pages of Course Plans (CPs)
- Cover pages of lab journals
- Cover pages of Faculty-Dairy, Department Newsletters and Technical-Magazines
- Cover pages of IA and Assignment booklets
- Displayed in all strategic points of class rooms, labs and corridors of institute campus
- Disseminated during student and staff induction programs

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://hsit.ac.in/NAAC/AOAR/2023-24/C2/RevisedandNewCOs2023-24.pdf">https://hsit.ac.in/NAAC/AOAR/2023-24/C2/RevisedandNewCOs2023-24.pdf</a>
Upload COs for all courses (exemplars from Glossary)	<a href="#">View File</a>

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

The attainment of Program outcomes (POs) and Course outcome (COs) are evaluated regularly after announcement of SEE results. Institute

is adopted OBE-ERP software to evaluate the attainment of Pos and COs. COs are defined by the course coordinator as per the revised curriculum of the university and are mapped with POs as below.

- Higher mapping level =3
- Moderate mapping level =2
- Lower mapping level =1

The mapped levels are substantially justified and are assessed to attain benchmarks and set targets.

The COs are assessed and attained through two methods:

- Direct Methods: Continuous-Internal-Evaluation (CIE) and University Semester End Examination (SEE)
- Indirect Methods: Course-End-Survey (CES), Activities, Employer and Alumni Surveys, Employment achievements etc.

The direct methods are conducted to evaluate COs as per the university guidelines. Based on the learning dynamics of the students, industry and societal requirements, the indirect methods are developed. The attainment levels are computed based on the methods decided by the institute.

After completion of each semester and after announcement of university results, course coordinator will assess the attainment of benchmarks or set targets of COs, POs and PSOs. The institute has provided the assessment formats in single document called Faculty-Course-Assessment-Report (FCAR).

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://hsit.ac.in/NAAC/AQAR/2023-24/C2/SamplePOsCOsAttainmentsLatest.pdf">https://hsit.ac.in/NAAC/AQAR/2023-24/C2/SamplePOsCOsAttainmentsLatest.pdf</a>

### 2.6.3 - Pass percentage of Students during the year

#### 2.6.3.1 - Total number of final year students who passed the university examination during the year

144



File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	<a href="https://hsit.ac.in/NAAC/AQAR/2023-24/C6/6.5.3AnnualReport2022-23.pdf">https://hsit.ac.in/NAAC/AQAR/2023-24/C6/6.5.3AnnualReport2022-23.pdf</a>

## 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 weblink)**

<https://hsit.ac.in/NAAC/AQAR/2023-24/C2/SSSReportSampleSSR.pdf>

## RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 - Resource Mobilization for Research

**3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)**

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

200000

File Description	Documents
Any additional information	<a href="#">View File</a>
e-copies of the grant award letters for sponsored research projects /endowments	<a href="#">View File</a>
List of endowments / projects with details of grants(Data Template)	<a href="#">View File</a>

**3.1.2 - Number of departments having Research projects funded by government and non government agencies during the year**

**3.1.2.1 - Number of departments having Research projects funded by government and non-government agencies during the year**

01

File Description	Documents
List of research projects and funding details (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Supporting document from Funding Agency	<a href="#">View File</a>
Paste link to funding agency website	<a href="https://vgstdst.karnataka.gov.in/en">https://vgstdst.karnataka.gov.in/en</a>

### 3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

#### 3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year

24

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of workshops/seminars during last 5 years (Data Template)	<a href="#">View File</a>

### 3.2 - Research Publications and Awards

#### 3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

##### 3.2.1.1 - Number of research papers in the Journals notified on UGC website during the year

32

File Description	Documents
Any additional information	<a href="#">View File</a>
List of research papers by title, author, department, name and year of publication (Data Template)	<a href="#">View File</a>

#### 3.2.2 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

##### 3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers in

**national/ international conference proceedings during the year**

29

File Description	Documents
Any additional information	<a href="#">View File</a>
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

**3.3 - Extension Activities**

3.3.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

The institute is regularly facilitates to conduct activities on "Universal-Human-Values" and organizes expert talks on relevant social issues. Students and staff members have participated in various extensive activities such as "Swacchh-Bharat-Abhiyan/Shramadhan", "Engineers-Day", "World Environment-Day", "Teachers-Day", "NSS-Day", "Women's-Day", "Blood-Donation-Camp", "Promotion of Digital Literacy" etc. As a part of the AICTE activity and Societal Internship, the students are undergoing various extension and sensitizing activities in the Gram panchayats and Town-panchayats and received certificates of appreciation from the government and non-government bodies. The Red-cross society of the institute has conducted "Blood Donation Camps", "Eye Check-up Camps" and "Health Check-up Camps" regularly successfully. The "Women Empowerment Cell" has conducted sensitizing activities such as "Women's Health", "Nari Shakti" etc., regularly as per the guidelines of governments from time to time and received appreciation from the eminent personalities. The departmental associations have conducted various extension and sensitizing activities on issues related to the environment, water, soil, waste, energy, health etc.

The participation of students and staff in the above said extension and sensitizing activities leads to work towards national interests which are: 1.Enhancement of abilities/competencies to resolve societal issues/problems through technology intervention 2.Increased compassion and humanity towards rural and poor communities 3.Right understanding and adoption of Universal-Human-Values 4.Professional-ethics 5.Proactive philanthropic mindsets.

File Description	Documents
Paste link for additional information	<a href="https://hsit.ac.in/nss.php">https://hsit.ac.in/nss.php</a>
Upload any additional information	No File Uploaded

### 3.3.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

#### 3.3.2.1 - Total number of awards and recognition received for extension activities from Government/ government recognized bodies during the year

32

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of awards for extension activities in last 5 year(Data Template)	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>

### 3.3.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., ( including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs ) during the year

#### 3.3.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

69

File Description	Documents
Reports of the event organized	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	<a href="#">View File</a>

### 3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

#### 3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/

**NCC/ Red Cross/ YRC etc., during the year**

987

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<a href="#">View File</a>

**3.4 - Collaboration****3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year**

334

File Description	Documents
e-copies of linkage related Document	<a href="#">View File</a>
Details of linkages with institutions/industries for internship (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year****3.4.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. during the year**

6

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	<a href="#">View File</a>

## INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 - Physical Facilities

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

All the physical facilities have been established for an effective teaching and learning process in the campus to comply with the AICTE and Visvesvaraya Technological University, Belagavi norms. The institute has adequate infrastructure and physical facilities for effective teaching-learning process.

**Classrooms:** College has 20 well ventilated, spacious classrooms equipped with LCD projectors, ICT facilities and internet connections.

**Tutorial rooms:** Separate 7 tutorial rooms are available in the college campus for tutorial lectures, doubt clarification and special remedial classes for weak and needy students.

**Laboratories:** Institute has total 43well equipped laboratories with state of the art equipment and facilities. All the laboratories are established as per AICTE and VTU norms. These labs are utilized for conducting practical sessions as per the requirements of the curriculum. Labs are also utilized for conducting workshop & training as a part of teaching contents beyond the syllabus.

**Seminar halls:** For conducting extracurricular and Co-curricular activities, the institute has multiple seminar halls. These halls are used for conducting student's association activities, national / international level technical activities. The students are encouraged for active involvement in paper presentations, group discussions, etc.

**Drawing hall and CAD lab:**The college has drawing hall to facilitate students to carry out the engineering drawing activity. Also college has CAD lab for students to experience and experiment on engineering drawings using computerized drawing tools.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://hsit.ac.in/NAAC/AQAR/2023-24/C4/4.3.1ListofComputerSystemsIntheInstitute.pdf">https://hsit.ac.in/NAAC/AQAR/2023-24/C4/4.3.1ListofComputerSystemsIntheInstitute.pdf</a>

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

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

For the overall development of students, the institution is providing adequate facilities for psychological and physical development of the students and Staff members.

Gymnasium and sports facilities: Exclusive infrastructure and human resource have been made available to promote indoor/outdoor games to motivate students for participation in various events for Intra-Institute and University Level. For the various sports activities, we have an athletics ground. It is also used for playing Cricket, Running, Throw-ball, Football, Kabaddi etc. For indoor games, sufficient space is available for playing badminton, table tennis, chess and carrom. Gymnasium equipped with all types of gym equipments and ares provided for the students to improve their physical health in the campus.

Cultural Activities: College has open air theatre for conducting cultural activities. Every year we conduct a cultural event called "Sambhrama". The Institute has cultural coordinator to promote the cultural activities inthe institute and motivate students to participate in University/State/National level competitions. Sports equipments of higher standard are provided generously.

Yoga/Meditation Space: The Institute has separate Yoga center with meditation for all the stake holders. The physical director and some of the faculty members who are expert in yoga and meditation conduct sessions for students. Students practice yoga and meditation activity along with these trainers.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://hsit.ac.in/sports.php">https://hsit.ac.in/sports.php</a>

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

**4.1.3.1 - Number of classrooms and seminar halls with ICT facilities**

24

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	<a href="https://hsit.ac.in/NAAC/AQAR/2023-24/C4/4.1.3.LMSSoftwareBills.pdf">https://hsit.ac.in/NAAC/AQAR/2023-24/C4/4.1.3.LMSSoftwareBills.pdf</a>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

**4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)****4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)**

72

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Upload audited utilization statements	<a href="#">View File</a>
Upload Details of budget allocation, excluding salary during the year (Data Template)	<a href="#">View File</a>

**4.2 - Library as a Learning Resource**

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

Data requirement for year: Upload a description of library with,

- Name of ILMS software: e-LIB
- Nature of automation fully
- Version : 20.2
- Year of Automation: 2017

The library is fully automated using Integrated Library Management System (ILMS) computerized with e-LIB, 20.2 version (2024) software.



The library is a member of Visvesvaraya Technological University Consortium and DELNET which provide web access to adequate number of e-books, e-Journals, Periodicals, thesis, Database and Dissertations. Transactions in the library are automated by using bar code reader. The following features can be accessed from Computer/Smart phone/Laptop within the campus.

- Digital accounting and circulation of books.
- Availability of books subject wise / Author wise.
- Access to the e-resources /NPTEL /Pro-Quest video lectures.
- Access to the e-Journals: Springer, Elsevier, IEEE, Taylor & Francis, Sciencedirect etc.

The Digital library, a part of Central library has adequate number of terminals to facilitate searching/accessing e-resources, web browsing and for other academic work. Provision has also been made to allow downloading/printing of material from these resources. The library also provides access to Internet as well as CD/DVD based electronic resources. Adequate space is provided for browsing and relaxed reading.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional Information	<a href="https://hsit.ac.in/library.php">https://hsit.ac.in/library.php</a>

**4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources**      **A. Any 4 or more of the above**

File Description	Documents
Upload any additional information	No File Uploaded
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<a href="#">View File</a>

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

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

337612.00

File Description	Documents
Any additional information	<a href="#">View File</a>
Audited statements of accounts	<a href="#">View File</a>
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>

#### 4.2.4 - Number per day usage of library by teachers and students ( foot falls and login data for online access) (Data for the latest completed academic year)

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

37

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of library usage by teachers and students	<a href="#">View File</a>

#### 4.3 - IT Infrastructure

##### 4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

Institute continuously strive to provide state-of-the-art Technologies and updates its ICT facilities time to time to ensure efficient learning resources. Institute upgrades the IT facilities as per the requirements and the norms prescribed by AICTE and University time to time. For the AY: 2023-24, 100 new desktop systems with latest Configurations(i5 processor) purchased to upgrade computer laboratories.The Core layer switches in the buildings are connected with the Optical Fiber Ring Network. This core switching is further extended to Distributed Switching for all the Departments, Hostels and Office premises. The Internet bandwidth has been upgraded as per the requirement of the statutory bodies along with secured Wi-Fi. The Wi-Fi facility was installed with latest Cisco wireless controller, Hardware Firewall and 36 Wireless Access Points. All buildings, hostels, classrooms, Seminar halls, conference rooms and common areas in the campus are Wi-Fi enabled.All teaching staff members use the ICT facilities in the classrooms and laboratories whenever needed. The CCTV Surveillance system is established in all the rooms, Seminar/Conference halls and open areas. Intercom system is provided in HOD room, staff roomsand

in laboratories for ease of communication.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://hsit.ac.in/NAAC/AQAR/2023-24/C4/SoftwareListAndBills.pdf">https://hsit.ac.in/NAAC/AQAR/2023-24/C4/SoftwareListAndBills.pdf</a>

#### 4.3.2 - Number of Computers

414

File Description	Documents
Upload any additional information	No File Uploaded
Student – computer ratio	<a href="#">View File</a>

#### 4.3.3 - Bandwidth of internet connection in the Institution A. ? 50MBPS

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	<a href="#">View File</a>

#### 4.4 - Maintenance of Campus Infrastructure

##### 4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

##### 4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

52.8

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts.	<a href="#">View File</a>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View File</a>

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.

The Institute has a well-defined policy and system in place for the maintenance and utilization of all its physical and academic facilities. Classroom being the most primary and important work space; it is managed with proper systems and procedures as recommended by the Management and the University. It is followed keeping in mind the modern teaching learning environment. CCTVs installed in each classroom make sure of the safety and the security of all students, teachers and equipment. The Laboratory including computers policy forms the core in the working of the institution. While the Laboratories have several instruments and equipment, the same is well maintained through Institute maintenance Cell & AMCs. The Locations of laboratory safety showers, eyewash stations, and fire extinguishers help to assure protective measures to minimize the causalities. And general Instructions to students regarding the safe and secure usage while in the laboratory are displayed in each lab. Sports committee looks after maintaining the sports ground and sports equipment. Institution follows all safety and security norms as required for an educational institution and makes optimal use of all security mechanisms. Safety of girls is specially handled and appropriate measures are taken to make the campus safe for students.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://hsit.ac.in/NAAC/AQAR/2023-24/C4/4.4.2ProcedureForMaaintenance.pdf">https://hsit.ac.in/NAAC/AQAR/2023-24/C4/4.4.2ProcedureForMaaintenance.pdf</a>

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

### 5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

#### 5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

385

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	<a href="#">View File</a>

### 5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

#### 5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

0

File Description	Documents
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	No File Uploaded

**5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills  
Language and communication skills Life skills  
(Yoga, physical fitness, health and hygiene)  
ICT/computing skills**

**A. All of the above**

File Description	Documents
Link to institutional website	<a href="https://www.hsit.ac.in/NAAC/AOAR/2023-24/C5/5.1.3/5.1.3.pdf">https://www.hsit.ac.in/NAAC/AOAR/2023-24/C5/5.1.3/5.1.3.pdf</a>
Any additional information	<a href="#">View File</a>
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>

#### **5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year**

**874**

##### **5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year**

**874**

File Description	Documents
Any additional information	<b>No File Uploaded</b>
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

**5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization 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**

**A. All of the above**

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	No File Uploaded

## 5.2 - Student Progression

### 5.2.1 - Number of placement of outgoing students during the year

#### 5.2.1.1 - Number of outgoing students placed during the year

116

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

### 5.2.2 - Number of students progressing to higher education during the year

#### 5.2.2.1 - Number of outgoing student progression to higher education

01

File Description	Documents
Upload supporting data for student/alumni	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of student progression to higher education	<a href="#">View File</a>

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

#### 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) during the year**

0

File Description	Documents
Upload supporting data for the same	No File Uploaded
Any additional information	No File Uploaded

**5.3 - Student Participation and Activities****5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year****5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.**

5

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	<a href="#">View File</a>

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

HSIT is committed to provide overall development of the students by educating them in state of art infrastructure, promoting leadership and organizational skills through different initiatives taken at the institute level. 1. Anti-Ragging Committee: College Anti-Ragging Committee headed by Principal, HODs of all departments, one senior faculty from each department, Police officer of nearest police station and student members is functioning effectively to avoid ragging cases in the campus. 2. Anti-Sexual Harassment Committee: Anti-Sexual Harassment Committee headed by senior female faculty along with other senior faculties, one senior advocate and student



members is functioning effectively to avoid sexual harassment cases in the campus. 3. Grievance Redressal Committee: The institute has an active grievance redressal committee which includes Principal as chairman, one senior faculty as convener, HODs of all the departments, and student members. Students' grievances, if any, are addressed by the committee within one week after receiving them. 4.NSS: HSIT has active NSS cell which in collaboration withVTU,Belagavi organizes various activities. 100+ NSS volunteersareactively involved in the activities. 5. Students Association:Every department has Students Associationled by a group ofstudents. This group ensures involvement of allother students ofdepartment in organizing activities throughout theyear.

File Description	Documents
Paste link for additional information	<a href="https://www.hsit.ac.in/NAAC/AQAR/2023-24/C5/5.3.2/5.3.2link.pdf">https://www.hsit.ac.in/NAAC/AQAR/2023-24/C5/5.3.2/5.3.2link.pdf</a>
Upload any additional information	<a href="#">View File</a>

### 5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

#### 5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

51

File Description	Documents
Report of the event	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	<a href="#">View File</a>

### 5.4 - Alumni Engagement

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

HSIT has established an "ALUMNI ASSOCIATION HIRASUGAR INSTITUTE OF TECHNOLOGY" on 11th February 2011 under Karnataka Society Registration Act, 1960 with registration No:D.R.L/S.O.R/BGM/1245/2010-11. Every passed out student is enrolled as a life member by completing registration process. Alumni association HSIT has organizational structure as President, Vice-Presidents, Secretary, Joint Secretary, Treasurer and members. Becoming the member of alumni association is one of the easiest ways to reconnect, give back to the institute, and serve as a springboard for further involvement. Alumni Association HSIT organizes alumni meets at different locations regularly. Our alumni are serving their alma mater in following ways- Participation in the programs like seminars, workshops as a resource person.

- Delivering expert lectures regularly and guiding the students about new trends in the work environment, skill enhancements, professional ethics and catering student's need of career.
- Evaluating various technical events as jury member.
- Helping their juniors for getting the placements.
- Suggesting modifications in the curriculum.
- Donating books to the students.
- Giving cash prizes to the meritorious students.

As every alumnus has experienced his/her life at institute through different phases before graduating through unique and different model of HSIT, hence they find the potential for contributing back for the development of the institute and support the institute's reputation.

File Description	Documents
Paste link for additional information	<a href="https://hsit.ac.in/hitalumni/index.php">https://hsit.ac.in/hitalumni/index.php</a>
Upload any additional information	<a href="#">View File</a>

#### 5.4.2 - Alumni contribution during the year (INR in Lakhs) D. 1 Lakhs - 3 Lakhs

File Description	Documents
Upload any additional information	<a href="#">View File</a>

## GOVERNANCE, LEADERSHIP AND MANAGEMENT

## 6.1 - Institutional Vision and Leadership

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

**Vision:** "To be a preferred institution in Engineering Education by achieving excellence in teaching and research and to remain a source of pride for its commitment to holistic development of individual and society"

**Mission:** "To continuously strive for the overall development of students, educating them in a state of the art infrastructure, by retaining the best practices, people and inspire them to imbibe real time problem solving skills, leadership qualities, human values and societal commitments, so that they emerge as competent professionals"

**Nature of Governance:** The Institution is run by His. Holiness. Shriman Niranjana Pancham Shri. Shivalingeswara Mahaswamiji of Siddha Saunthan Math, Nidasoshi, purely on charity basis. His Holiness. Mahaswamiji of Siddha Saunthan Math, Nidasoshi is the Sole Trustee and President of SJPN Trust, Nidasoshi. The President appoints the Advisory Committee, selecting seven people from different walks of life for a period of 5 years. The advisory committee provides quality inputs and suggestions for the administration of the Trust/Institute during its monthly meeting. Day to day decisions are taken at the Head of the Institute Level. At department level Head of the Department receive instructions from HOI for timely implementation of decisions of the management.

The Governing council of Institute is constituted as per AICTE guidelines from time to time consisting of 9 members. Two members from teaching faculty, one is of the Professor cadre and other of the Assistant Professor cadre is nominated on the Governing Council of the institute. Through this platform teachers suggest their views in the major administrative decisions of the management.

File Description	Documents
Paste link for additional information	<a href="https://hsit.ac.in/aboutsjpn.php">https://hsit.ac.in/aboutsjpn.php</a>
Upload any additional information	<a href="#">View File</a>

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

**Decentralization:** The institution functions with the method of decentralized governance system. The head of the department has been given an authority in deciding the activities and delegating the responsibilities to the staff members. The department decides on timetable, subject allocation, purchase and maintenance of equipment and consumables, organizing conferences, guest lectures

and workshops and organizes necessary Industrial visits, In-plant trainings, Internships and MoUs.

**Participative Management:** The institution is functioning effectively with the culture of participative management which enables the faculty and students to give their opinion and suggestions for improvement. All the departments of the college function under the direct supervision of Principal. Day-to-day academic activities of the departments are taken care of by the respective HODs. HODs /

Convener will conduct the meeting with the concerned members to discuss various issues and resolutions made will be communicated to Principal for final decision. Principal conducts weekly review meeting with all HODs/Convener at department level.

The Principal coordinates with the departments, administration and management.

Participative management provides extensive scope for having cooperation among the departments and ensures the quality of planning and implementation of all the activities in the institution uniformly and as a team.

Case study of Decentralization and Participative Management in the Institute.

**Weekly Academic Review:**

Weekly academic review committee is responsible for drafting, regulating and implementing different academic policies. It ensures smooth & uniform conduction of academics throughout the year.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

## 6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

### STRATEGIC PLAN 2023-2028

#### Perspective Plans:

The head of the institute interact with internal/External Stakeholders the extensive components of the perspective plans of the institute and it is finalized in the Management/Governing council meetings. The Short term/Long term Strategic Plans for the institute are developed. They are

#### Strategic plans

1. Development of research ecosystem in all the departments.
2. Signing MOUs with reputed industries and R & D Organizations.
3. Establishing and developing Incubation Centre to guide and support the prospective entrepreneurs.
4. Preparing for listing in National Institutional Ranking Framework (NIRF).
5. Moving from affiliated institute to autonomous Institution in down three years
6. Moving from autonomous institution to university status in next six years.
7. Emphasizing on gender sensitization issues and encouraging women education aggressively in rural area and promoting 50% of girl enrollment in HSIT.

#### Case Study

1. Financial Sanction of Technical Intervention project (No.RP-03525G) under UBA 2.0 for "Advanced Community Solar Dryer for Agro Products" has been sanctioned of amount 1 Lakh.
2. KFIST Level (1) project under the VGST Scheme - project titled "Coplanar Capacitive Coupled Probe Fed Micro strip Antennas with and without Air Gap for UWB and Multiband Applications" second

installment of grant Rs.10.00 Lakh to  
be released.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

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.

**The President & Advisory Committee: His. Holiness.**

ShrimanNiranjanPanchamShri. ShivalingeshwaraMahaswamiji is the Sole Trustee & President and is the apex authority in the hierarchy. The Advisory Committee is the administrative body. The Principal is the head of the organizational structure at institute level and he is responsible for the day today functioning. The flow of administrative decisions is explained in the organization chart.

**Governing Council:** Governing Council is constituted as per AICTE guidelines from time to time and is the Institute level administrative body.

**Principal:** The Principal is having reasonable autonomy to take financial decisions in consultation with the management, pertaining to state of infrastructure, arranging

FDPs and workshops.

**Head of the Department:** Decisions pertaining to academic matters are decentralized to a large extent. Allotment of subject, workload, monitoring of syllabus coverage, planning seminars Workshops, Industrial tours, FDPs, Remedial sessions, Personality development programs, Project works etc. are also organized as per the instructions of the HOD.

**Deans:** The institution has various Dean positions like Dean for Academics, Research and Development, Examination, Students Welfare and Training and placement are is responsible to take stock of academics, Exams, Research& development, student welfare and Placement Activities etc.

**Appointment of Staff Members:**

Advertisement is published in all leading news papers for recruitment. Staff members are appointed as per norms of AICTE, New Delhi from time to time.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the Institution webpage	<a href="https://hsit.ac.in/coldoc/organization-chart.pdf">https://hsit.ac.in/coldoc/organization-chart.pdf</a>
Upload any additional information	<a href="#">View File</a>

**6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination**

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	<a href="#">View File</a>
Screen shots of user interfaces	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	<a href="#">View File</a>

**6.3 - Faculty Empowerment Strategies**

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

List of welfare measures supported by the institute for Teaching and Non-teaching staff: 1. Faculty members are supported for higher studies in the fields of specialization in reputed institutes and University. 2. Group insurance scheme for both teaching and non-teaching staff. 3. Maternity leave for lady faculty members.

4. Medical Leave for all eligible staff suffering from chronic diseases. 5. Various leaves available to teaching and non-teaching staff are Vacation Leave, Casual Leave and Earned Leave. 6. Employee

Provident Fund facility for teaching and non-teaching staff. 7. Soft Loan facility is available for institute staff through Cooperative Society. 8. Medical facility with full time resident Doctor is available in the campus. 9. Staff quarters facility for teaching and non-teaching staff in the campus.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

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

#### 6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year

11

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<a href="#">View File</a>

### 6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

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

6



File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	<a href="#">View File</a>
Reports of Academic Staff College or similar centers	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<a href="#">View File</a>

### 6.3.4 - 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 etc.)

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

62

File Description	Documents
IQAC report summary	<a href="#">View File</a>
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of teachers attending professional development programmes during the year (Data Template)	<a href="#">View File</a>

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

**Teaching Staff:** Institute maintains well documented Service rule book, which is provided to every staff at the time of appointment. Service book is maintained which records the Information of the teaching staff, like date of appointment, date of birth, educational qualifications, identification, address details, date of increments, pay revision etc. The college has adopted well designed performance

appraisal system. Every teacher has to submit annually self-appraisal form (Academic Performance) duly forwarded by the HOD to the HOI. Assessment of the teachers by the HOD includes information related to the teaching learning process, syllabus coverage, university result, feedback from the students, pedagogical initiatives and achievements in teaching duties, R & D, Consultancy, publicationsof research papers, books, etc. Every teacher is provided with a copy of annual self-appraisal form. He/She submits his/her annual transactions in the Proforma with self assessment score to the concerned head of the department for scrutiny and verification. The respective HOD after verification of self-assessment score with supportive documents submits to principal with his clear recommendation.

Non-Teaching staff: College office collects Confidential-Report (CR) from respective head of the department about the performance of non-teaching staff or performance assessment. Based on the CR evaluation suitable actions are intiated.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

## 6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

Budget for the next academic year is prepared in the current academic year during Month of April every year. Budgets and compliance to budgets, financial data are closely monitored in the institute.

1.The budget requirement of all department/ sections is submitted to Principal's office. 2. The items required along with their quantity are justified by respective HODs/section incharges along with submitted budget. 3. The efficient use offinancial resources is done by providing the finance required to procure the items which are need based requirements from the departments/sections. 4. The financial resources of the college are managed in a very effective and justified manner. The following three types of accounts are created;

- Receipts & Payment Accounts
- Income & Expenditure Accounts
- Balance Sheets each and every transaction is supported by the vouchers.

All the funds are deposited in the bank and all bills on recurring & non-recurring expenses are disbursed through cheque payment. Duly authorized persons can only operate the bank account.

**External Audit:** External Audit is done by the Chartered Accountant for every financial year.

**Internal Financial Audit:** Internal financial audit is the continuous process and is monthly done by Accounts department of the Institute. The expenditure incurred on all heads of accounts are read and approved in the monthly meeting of Advisory Committee meeting

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

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

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

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	No File Uploaded

#### 6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

The main source of the fund for the institute is tuition fee collected from the students. In addition to this Government supports all eligible students in terms of merit scholarships. Charges for

conducting online/offline examination from outsiders. Since the institute is a self-financing. Institution, funds so generated is used for salary and other day today expenditure of the institution. Operating expenses include salary paid to Teaching and Non-teaching staff and non-salary expenses comprise of purchase of equipment, infrastructure development,

maintenance, furniture & fitting work, repair and its maintenance, office expenses, printing & stationary and other miscellaneous expenses, etc. The funds are utilized in accordance with the budgetary provisions made with prior approval by the Management.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

## 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

**IQAC of the institute is contributing significantly towards Quality education and inculcating quality culture among the students and staff.**

- Promote industrial training and visits, workshops, and guest lecturers from industry, MOUs, etc.
- Conducting quality programs like seminars, webinars, guest lectures, conferences, etc.
- Establishment of various processes to take feedback/surveys from various stakeholders.
- Establishment of the Mentor-mentee process and its effective implementation.
- Best efforts to make the ragging-free campus and establishment of grievance redressal cell to resolve their grievance it may related to admission, academics and scholarship etc.

The following practices institutionalized as a result of IQAC initiatives are mentioned.

- Financial Sanction of Technical Intervention project (No.RP-03525G) under UBA 2.0 for "Advanced Community Solar Dryer for Agro Products" has been sanctioned of amount 1 Lakh.
- KFIST-Level-1 project under the VGST Scheme (GRD No.1148) -

project titled "Dynamic Servo Controlled Fatigue Testing Machine" first installment of grant Rs.10.00 Lakh is released.

- Vision Group of Science &Technology (VGST) Government of Karnataka has sanctioned Fund of Rs. 2.00 Lakhs for 4-Days VGST Sponsored Faculty Development Programme On "Software Engineering and Testing Methodologies
- Our Institution has applied for financial support to government funding agencies like Karnataka State Council for Science &Technology (KSCST),Government of Karnataka. Total 09 projects were received a grant of total Rs. 52000/- by various engineering departments.

File Description	Documents
Paste link for additional information	<a href="https://hsit.ac.in/NAAC.php">https://hsit.ac.in/NAAC.php</a>
Upload any additional information	<a href="#">View File</a>

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

**IQAC in the college works on improving the teaching-learning process and supports adopting Outcome-Based Education (OBE) in all programs of college regularly. The Program outcomes (POs), program-specific outcomes (PSOs), course outcomes (COs) adapted from NBA are prepared by each program considering Bloom's**

**taxonomy in consultation with faculty, external stakeholders like alumni, industry persons and professional body members. The POs, PSOs, and COs attainment is measured at completion of every semester and in turn their assessment annually for all outgoing batches. For lower level attained courses and slow learners Tutorial and remedial classes are properly planned and efforts are made to improve the attainments. Beyond curriculum activities are also planned and implemented. The IQAC improve the teaching-learning process through standard academic practices, these academic practices include:**

- Preparation and adherence of Academic Calendar
- Guiding to make right choice of open/professional Electives and department level.
- Mentor-Mentee distribution and interval counseling plan
- Course Delivery (Online / Offline class)
- Conduction of Seminar, Projects, Industrial Training

- Monitoring of class delivery
- Attendance Monitoring of students
- Syllabus coverage
- Setting up the internal question papers and assignments as per RBTLS and their scrutiny and verification by assigned module coordinators
- Conduction of internal examinations
- Evaluation of Internal test answer scripts as per prepared scheme of evaluation
- Industrial Visits & Guest Lectures.

File Description	Documents
Paste link for additional information	<a href="https://hsit.ac.in/NAAC/AQAR/2023-24/C2/">https://hsit.ac.in/NAAC/AQAR/2023-24/C2/</a>
Upload any additional information	<a href="#">View File</a>

**6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)**

**A. All of the above**

File Description	Documents
Paste web link of Annual reports of Institution	<a href="https://hsit.ac.in/NAAC/AQAR/2023-24/C6/6.5.3AnnualReport2022-23.pdf">https://hsit.ac.in/NAAC/AQAR/2023-24/C6/6.5.3AnnualReport2022-23.pdf</a>
Upload e-copies of the accreditations and certifications	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Upload details of Quality assurance initiatives of the institution (Data Template)	<a href="#">View File</a>

## **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 ensures equal opportunities for boys and girls in academics and administration. General Secretary positions for both genders are nominated from final-year students, and "Best Boy" and "Best Girl" awards recognize meritorious final-year students. General championships are awarded separately for boys and girls in institute-organized sports.

For safety, the girls' hostel is managed by a full-time warden and security guards on shifts, with CCTV cameras installed strategically. An Anti-Sexual Harassment and Grievance Redressal Cell addresses safety and social issues. A residential doctor handles regular health concerns for all students.

Regular mentor-mentee meetings provide academic and personal counseling to both genders. Girls have separate common rooms equipped with first aid, rest areas, sanitary napkin vending machines, incinerators, and other amenities.

On International Women's Day (2nd March 2024), events like essay writing, Mehandi, rangoli, and poem competitions were held. Health-focused talks and awareness programs included "Health and Hygiene," "Eye Donation and Care" (28th August 2023), and "Health is the Foundation of Success" (15th September 2023). Other events included "Cooking without Fire" (7th February 2024), clay modeling (16th February 2024), and a poster competition on "Health Awareness" (14th March 2024)

File Description	Documents
Annual gender sensitization action plan	<a href="https://hsit.ac.in/NAAC/AQAR/2023-24/C7/7.1.1/AnnualGenderSensitizationActionPlan.pdf">https://hsit.ac.in/NAAC/AQAR/2023-24/C7/7.1.1/AnnualGenderSensitizationActionPlan.pdf</a>
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	<a href="https://hsit.ac.in/NAAC/AQAR/2023-24/C7/7.1.1/SpecificFacilitiesForWomen.pdf">https://hsit.ac.in/NAAC/AQAR/2023-24/C7/7.1.1/SpecificFacilitiesForWomen.pdf</a>

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

**A. 4 or All of the above**

File Description	Documents
Geo tagged Photographs	<a href="#">View File</a>
Any other relevant information	No File Uploaded

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 Management:** The solid waste generated, is separated into Wet waste and Dry waste. The dry waste is collected in dustbins at different locations and is dumped in dumping yard & then segregated into different types of plastics and metals. The Wet food/kitchen waste collected in dustbins is dumped mainly into hermi compost plant; some part into biogas plant; also some of the bio waste is send to Goshala. Paper and wooden materialistic is systematically managed and they are given for recycling.

**Liquid waste Management:** Liquid waste generated in the institute istaken out through the pipeline, treated in septic tanks and disposed into soak pits. The institute has implemented the Bio-digestertotechnology at some places.

**Biomedical Waste Management:** There is no biomedical waste.

**E-waste Management:** The e-waste generated will be given to the suppliers, while buying a new machine with buyback.

**Waste recycling system:** The metal and paper waste is sold to the vendors with applicable cost.

**Hazardous chemical and radioactive waste management:** Old Batteries are exchanged with new one while buying with appropriatedepreciation.



File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	<a href="https://hsit.ac.in/NAAC/AQAR/2023-24/C7/7.1.3/7.1.3GeoTaggedPhotosOfTheFacilities23-24.pdf">https://hsit.ac.in/NAAC/AQAR/2023-24/C7/7.1.3/7.1.3GeoTaggedPhotosOfTheFacilities23-24.pdf</a>
Any other relevant information	No File Uploaded

**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
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	No File Uploaded

**7.1.5 - Green campus initiatives include**

**7.1.5.1 - The institutional initiatives for greening the campus are as follows:** A. Any 4 or All of the above

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

File Description	Documents
Geo tagged photos / videos of the facilities	<a href="#">View File</a>
Any other relevant documents	<a href="#">View File</a>

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

**7.1.6.1 - The institutional environment and** A. Any 4 or all of the above

**energy initiatives 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
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	<a href="#">View File</a>
Certificates of the awards received	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

**A. Any 4 or all of the above**

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Policy documents and information brochures on the support to be provided	<a href="#">View File</a>
Details of the Software procured for providing the assistance	<b>No File Uploaded</b>
Any other relevant information	<b>No File Uploaded</b>

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

Institution believes in equality of all cultures and traditions as is evident from the fact that students belonging to different caste, religion, regions are studying without any discrimination. Though the institution has diverse socio-cultural and linguistic background, we do not have any intolerance towards cultural, regional, linguistic, communal socio economic and other diversities. To build a nation of youth who are noble in their attitude and morally responsible, the institute is proactively taking efforts in providing an inclusive environment. The initiatives are to promote better education and setting communal harmony. The various department of the HIT & NSS unit conduct orientation programs, awareness programs, workshops, webinars, commemorative day's celebrations and outreach programs to fulfill the above words.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>
Any other relevant information	No File Uploaded

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

The NSS and PED units organized the 77th Independence Day, inaugurated by Principal Dr. S.C. Kamate with a flag hoisting ceremony. Students sang patriotic songs and delivered speeches, followed by Dr. Kamate's address on freedom fighters' sacrifices.

The 74th Constitution Day was celebrated with NSS Officer Prof. Sachin S. Patil briefing the significance of the Constitution. Dr. Kamate administered the oath to staff and students.

An EPIC Registration Drive was held on November 29, 2023, in collaboration with Gram Panchayat Nilasoshi. Documents from 46 unregistered students were collected and submitted to the Tahsildar Office.

National Youth Day on January 12, 2024, honored Swami Vivekananda with an inspiring speech by Dr. Kamate and a pledge ceremony.

On Voters' Day, Dr. Kamate emphasized the importance of voting, and Prof. Patil led the pledge.

The 75th Republic Day featured flag hoisting and student speeches, concluding with Dr. Kamate's address.

Prof. T.G. Sitaraman delivered a lecture on Universal Human Values on March 14, attended by 166 students.

The 133rd Birth Anniversary of Dr. B.R. Ambedkar highlighted his contributions, with a tribute and speech by Dr. Kamate.

Dr. GururajKarajagi gave an online talk on Universal Human Values on May 22, 2024.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	<a href="#">View File</a>
Any other relevant information	No File Uploaded

**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** **A. All of the above**

**4. Annual awareness programmes on Code of Conduct are organized**

File Description	Documents
Code of ethics policy document	<a href="#">View File</a>
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

The college celebrates all the festivals of India irrespective of cast and cadre. It is an integral part of learning and building a strong cultural belief in a student. The College makes tremendous efforts to celebrate the national and international events with great enthusiasm to commemorate the ideology of nationalism and to pay tribute to our great national leaders.

We celebrated the following days like Ambedkar Jayanti on 14th April 2023, Basava Jayanthi on 23rd May 2023, Budha Poornima on 16th May 2023, International Yoga Day on 21st June 2023, 77th Independence Day on 15th August 2023, Birth Anniversary of Dr. Sarvapalli Radhakrishnan i.e Teacher's Day on 5th September 2023, A tribute to Indian Engineer Bharat Ratna Sir Mokshagundam Visvesvaraya i.e. Engineer's Day on 15th September 2023, Mahatma Gandhi and Lal Bahaddur Shastri Jayanti on 2nd October 2023, Valmiki Jayanti on 28th October 2023, Karnataka Rajyostava Day on 1st November 2023, 74th Constitution day on 26th November 2023, Swami Vivekanand Jayanti i.e National Youth Day on 12th January 2024, Subhash Chandra Bose Jayanti on 23rd January 2024, Republic Day on 26th January 2024.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	<a href="#">View File</a>
Geo tagged photographs of some of the events	<a href="#">View File</a>
Any other relevant information	No File Uploaded

## 7.2 - Best Practices

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

### Best Practice I: "Book Bank Facility"

1. To find out user satisfaction about the Book Bank Facility.
2. To find out the usefulness of books provided to the students under the Book Bank Facility.

### The Context:

The Book Bank facility supports needy and deserving students, promoting reading habits since the college library's inception.

**The Practice:**

Meritorious and economically disadvantaged students apply via forms, with eligibility sanctioned by a Library Committee. The facility provides 5,447 books, separate from 40,146 library books, with no borrowing limit.

**Problems Encountered and Resources Required:**

Challenges include incomplete book details and insufficient space for recording information, but the initiative continues to benefit students effectively.

**Best Practice II: Techno-Vision: State-Level Project and Paper Presentation Competition**

**Objectives:**

Recognize innovative ideas of students.

Expose students to engineering staff and career opportunities.

Build confidence for higher studies.

**The Context:**

“Techno-Vision” fosters innovation to address societal and industrial challenges, supporting NEP-2020 goals to raise the GER to 50% by 2035.

**The Practice:**

The annual event invites diploma students statewide, with projects judged by experts. In 2023, 245 participants from 10 polytechnics and PUC colleges won prizes worth Rs. 50,000.

**Problems Encountered:**

Exam schedule conflicts were resolved by organizing the event a month before Diploma Board Exams.

File Description	Documents
Best practices in the Institutional web site	<a href="#">View File</a>
Any other relevant information	No File Uploaded

### 7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

Socio-economic upliftment of rural youth through quality education: Institute is run by S.J.P.N.Trust under shri "SiddhaSansthan Math" Nidasoshi, having a glorious history of more than 300 years. The very purpose of the institute is imparting technical education with holistic approach to the rural youth, which helps in uplifting the families of rural.

Dance Group: The College provides a platform for students to express themselves through rhythmic movement, encouraging them to participate in state-level competitions and other dance events.

Human Values Development: The academic code of conduct encompasses values such as discipline, honesty, fairness, respect, and responsibility. It means applying these values in your own work and also when you engage with the work and contributions of others.

Group Insurance for Staff and Students: Group Insurance facility is provided to all the students and faculty. The institution has Student Safety Insurance/Janata Personal Accident-Group Policy (Staff), all the students and staff in the institution are covered for the sum assured rupees 100000/- each. Features of Student Safety Insurance Policy/Janata Personal Accident-Group Policy is covered against loss of one or both limbs, one or both eyes, one limb and one eye, partial disablement, permanent disablement and also in the event of death.

## Part B

### CURRICULAR ASPECTS

#### 1.1 - Curricular Planning and Implementation

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

Hirasugar Institute of Technology Nidasoshi, is self-financed Private Institute affiliated to VTU Belagavi, Karnataka. The distribution of academic work-load for next semester is done after the end of on-going semester. The Institute Calendar of Events is prepared incorporating academic, co-curricular and extra-curricular activities planned for the semester in line with university's COE. The Time-Table of all departments is prepared and displayed one week before the commencement of semester. All teachers prepare course plan of each course which includes Syllabus, COs, prerequisites, delivery plan, question bank, and results of previous semesters. All course coordinators use pedagogical teaching aids & e-resources. The laboratory manuals are prepared by course coordinators. The IAT and assignment questions are scrutinized by module coordinators and approved by HOD. Student's performance in IAT's is communicated to parents through SMS. Poor performers in the internal assessment are counseled by teacher. Special lectures/invited talks of eminent personalities and industry-visit are arranged. The stakeholders feedback is collected and the analysis report has been communicated to concerned authorities. Group of 15-20 students are allotted to each teacher for counseling & mentoring. Weekly meetings are conducted for academic review at institute level and at department level. Academic Audit is conducted every year by internal and external experts.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://hsit.ac.in/NAAC/AQAR/2023-24/C1/1.1.1.pdf">https://hsit.ac.in/NAAC/AQAR/2023-24/C1/1.1.1.pdf</a>

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

The institute academic calendar is prepared before the commencement of the semester in line with university academic



calendar by IQAC coordinator in consultation with HOI. All the academic and extra-curricular activities that are to be carried out are included in COE. The IAT's are conducted in each semester centrally and department wise Laboratory IA's are conducted in line with the dates mentioned in the COE. Continuous evaluation and assessments are done for laboratory course, project work, seminars, and internships at the end of the semester as per rubrics in adherence to dates in COE. Feedback on Teaching Learning Process is collected for the CAY. All the national Festivals are celebrated. Project Exhibition was organized for final year students. Dates of important academic and extra-curricular activities are reminded to concerned students through Institute/Department notice boards & by sending SMS. Rescheduling of certain activity/IAT's dates made due to changes in certain aspects are intimated to students, faculty members by sending messages. SEE are conducted as per University schedule from time to time. Institute has grievance redressal system to raise any grievances. Time limits are provided for the activities mentioned in the COE. Weekly meetings are conducted at institute level to monitor the progress of all activities.

File Description	Documents
Upload relevant supporting documents	<a href="#">View File</a>
Link for Additional information	<a href="https://hsit.ac.in/NAAC/AQAR/2023-24/C1/1.1.2.pdf">https://hsit.ac.in/NAAC/AQAR/2023-24/C1/1.1.2.pdf</a>

**1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University**

**A. All of the above**

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 1.2 - Academic Flexibility

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

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

5

File Description	Documents
Any additional information	<a href="#">View File</a>
Minutes of relevant Academic Council/ BOS meetings	<a href="#">View File</a>
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

### 1.2.2 - Number of Add on /Certificate programs offered during the year

#### 1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

11

File Description	Documents
Any additional information	<a href="#">View File</a>
Brochure or any other document relating to Add on /Certificate programs	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template )	<a href="#">View File</a>

### 1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

711

#### 1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

711

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of the students enrolled in Subjects related to certificate/Add-on programs	<a href="#">View File</a>

### 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 institute has made all the efforts to integrate following cross-cutting issues in the regular teaching learning process. The courses like Constitution of India, Scientific Foundation of Health, Universal Human Values, etc, are incorporated in university curriculum to ensure holistic development of the students. Institute regularly celebrates Birth anniversaries of great personalities. Health-Awareness-Programs, Blood Donation-Drives, Plastic Free Campus have been arranged in association with NSS & Red cross Units. International Yoga Day is celebrated every year. Well-formed Code of conduct is implemented in campus. Institute has functional ICC for prevention and prohibition of sexual harassment, and to address the sensitive issues of lady students' and staffs' rights and security. Gender equity sensitization activities are conducted for girl students by Women Empowerment Cell. Both girls and boys participate in sports events organized at various levels.

The curriculum is designed to create awareness for environmental sustainability and to conserve nature & natural resources with compulsory course Environmental studies. Plantation, Quizzes and Poster-presentations are arranged on the occasion of world environment day. Hermi Compost Plant has been set up in campus for getting fertilizer from KitchenWaste. The gender, Energy and Green Audits are conducted by external certified agency. Students have completed energy and environment conscious projects, internships and AICTE activities.

File Description	Documents
Any additional information	<a href="#">View File</a>
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	<a href="#">View File</a>

### 1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

77

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	<a href="#">View File</a>
MoU's with relevant organizations for these courses, if any	<a href="#">View File</a>
Number of courses that include experiential learning through project work/field work/internship (Data Template)	<a href="#">View File</a>

### 1.3.3 - Number of students undertaking project work/field work/ internships

144

File Description	Documents
Any additional information	<a href="#">View File</a>
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<a href="#">View File</a>

### 1.4 - Feedback System

<b>1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni</b>	<b>A. All of the above</b>
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File Description	Documents
URL for stakeholder feedback report	<a href="#">View File</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	<a href="#">View File</a>
Any additional information(Upload)	<b>No File Uploaded</b>

<b>1.4.2 - Feedback process of the Institution may be classified as follows</b>	<b>A. Feedback collected, analyzed and action taken and feedback available on website</b>
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File Description	Documents
Upload any additional information	<b>No File Uploaded</b>
URL for feedback report	<a href="https://hsit.ac.in/NAAC/AOAR/2023-24/C1/1.4.1.pdf">https://hsit.ac.in/NAAC/AOAR/2023-24/C1/1.4.1.pdf</a>

## TEACHING-LEARNING AND EVALUATION

### 2.1 - Student Enrollment and Profile

#### 2.1.1 - Enrolment Number Number of students admitted during the year

##### 2.1.1.1 - Number of sanctioned seats during the year

**420**

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

#### 2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of

supernumerary seats)

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

85

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

## 2.2 - Catering to Student Diversity

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

Institution has implemented a policy of categorization of students based on their learning abilities and class dynamics. In the beginning of the odd semester and With the help of the diagnostic test/critical observation by the class teacher and HOD, Students are classified into two categories : Slow learner and Fast learner.

Revised-Blooms-Taxonomy-Levels (RBTLs) are adopted in the teaching-learning-evaluation process as per the university guidelines. In the interest of higher-level attainments of all POs and PSOs, the institute will define and revise the quality of questions in CIE and quality of rubrics time to time with the help RBTLs and Higher-Order-Thinking-Skills(HOTS) and questions are scrutinized by the respective program module coordinator or domain expertise and approved by HOD. All the activities are evaluated with proper rubrics including project work and internships.

The mentoring and counseling has been adopted to build confidence among the slow and fast learners. The student toppers and achievers are felicitated in various platforms with awards and cash prizes. Remedial, make-up, coaching classes are conducted regularly for the development of the slow learners. GATE Coaching classes and trainings on emerging areas and personality & aptitude are conducted through the department associations and Training and Placement Cell.

File Description	Documents
Link for additional Information	<a href="https://hsit.ac.in/NAAC/AOAR/2023-24/C2/RB_TLSandRubricsinSEE-CIE-Activities.pdf">https://hsit.ac.in/NAAC/AOAR/2023-24/C2/RB_TLSandRubricsinSEE-CIE-Activities.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

Number of Students	Number of Teachers
992	55

File Description	Documents
Any additional information	<a href="#">View File</a>

### 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

The institute practices the following student centric methods to enhance learning experiences:

**Experiential-learning:** Institute has created an academic ambience for students to acquire adequate and versatile knowledge through experience-learning. Students are conducting experiments in the laboratories to realize the basic concepts. Students have gain experience of writing project proposals and synopsis for sponsorships, awards, journals, patent etc. Students are facilitated and motivated to carry out their innovative projects of national importance. The institute is facilitating and guiding students for internships, Field-trips and industry-visits.

**Participative-learning:** Institute has established the participative learning ambience by promoting Activity-Based-Learning, Project-Based-Learning, Internship-Based-Learning and Cooperative-Learning. Students are participating in various activities conducted by departments' associations, NSS & Red-cross, Sports-and-Yoga departments. Students are also participating in AICTE recommended social activities. Students are motivated to participate in various co-curricular and extracurricular activities. The achievements of the staff-and-students are published in "Magazines" and "Newsletters".

**Problem-solving:** Students are motivated, guided and mentored to inculcate logical reasoning and critical thinking skills in the class rooms through innovative teaching aids and pedagogies. Students are inspired to resolve problems of higher RBTLs and HOTS in the class room, assignments and IATs. Students are solving the societal problems through Unnat-Bharat-Abhiyan program, AICTE activities and Hackathon.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://hsit.ac.in/NAAC/AQAR/2023-24/C2/">https://hsit.ac.in/NAAC/AQAR/2023-24/C2/</a>

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

Teachers are using following ICT enabled tools and e-resources for effective teaching-learning process.

**ICT tools:** Every classroom is equipped with a LCD projector and internet facilities to access e-content, pedagogical and curriculum strengthening information from the various e-resources to enhance their knowledge and skills. All the faculty members are using ICT tools and resources to address the class room dynamics. Students are using ERP software for feedbacks and surveys. Each teacher is facilitated e-contents through WhatsApp group. Teachers are interacting with students through online platforms.

**Online resources:** Every teacher is using You-Tube and Web-links mentioned in the NEP-2020 based revised curriculum. Students are learning various emerging courses through SWAYAM, NPTEL, BITES etc. to enhance their knowledge and skills. Students are also self learning through the elective-courses mentioned in the revised curriculum on emerging areas. Students are registered for online courses to attain "Honor-Degree" as per the university guidelines. Students and teachers are participating in the online trainings, workshops and seminars etc.

**Application Softwares and e-resources:** All department laboratories are equipped with the cloud-based application softwares. Students are conducting various experiments through online virtual-labs. Institute has established Digital-Library with e-books, e-journals etc. Students are learning application



software to produce Mobile-Apps projects.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	<a href="https://hsit.ac.in/NAAC/AQAR/2023-24/C2/ListofICTToolsandPedagogies.pdf">https://hsit.ac.in/NAAC/AQAR/2023-24/C2/ListofICTToolsandPedagogies.pdf</a>

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

**2.3.3.1 - Number of mentors**

55

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	<a href="#">View File</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View File</a>
mentor/mentee ratio	<a href="#">View File</a>

**2.4 - Teacher Profile and Quality**

**2.4.1 - Number of full time teachers against sanctioned posts during the year**

55

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>

**2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)**

**2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year**

13

File Description	Documents
Any additional information	<a href="#">View File</a>
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template)	<a href="#">View File</a>

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

#### 2.4.3.1 - Total experience of full-time teachers

611

File Description	Documents
Any additional information	<a href="#">View File</a>
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<a href="#">View File</a>

### 2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The mechanism of internal assessment is very robust, transparent and time bond. As per the revised curriculum of university in line with NEP-2020, the evaluation system has been divided into two segments: Continuous-Internal-Evaluation-(CIE) and Semester-End-Exam-(SEE). The CIE and SEE are evaluated in the 50:50 ratios respectively. CIE has been again divided into two components: Internal-Assessment-Test (IAT) and Continuous and Comprehensive-Assessment (CCA).

The CIE is conducted centrally and assessed by the course coordinator. The IATs and display of IAT marks are scheduled in the institute CoE and it is circulated to the students and faculty members at the beginning of the semester. The institute will conduct IATs centrally under the surveillance of CCTV camaras. The Dean (Examination) will schedule time-table and the seating plans and are displayed on the notice board a week in

advance. The Duty-chart of invigilators and internal squads comprising of senior faculty are constituted for fair and transparent conduction of IAT. After evaluation of IAT answer-sheets, marks will be displayed on the notice board as per CoE. The IAT marks are informed to the parents through SMS. The, project-work and internships are conducted and evaluated through proper questions/rubrics. The lab experiments are evaluated continuously.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://hsit.ac.in/NAAC/Cycle2/C2/2.5.1/MechanismforSEEandCIEUniversityRegulations.pdf">https://hsit.ac.in/NAAC/Cycle2/C2/2.5.1/MechanismforSEEandCIEUniversityRegulations.pdf</a>

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

The internal examinations conducted by the institute are time bond. The Continuous-Internal-Evaluation-(CIE) has been again divided into two components: Internal-Assessment-Test (IAT) and Continuous and Comprehensive-Assessment (CCA).

Dean (Examination) will schedule time-table and the seating plans and are displayed on the notice-board a week in advance. Duty-chart of invigilators and the internal squads comprising of senior-faculty are constituted for smooth, fair and transparent conduction of each IAT. IAT question papers are submitted to the IAT coordinator of the department on the day of test in a sealed cover. After evaluation of IAT answer-sheets the marks will be displayed on the notice board as per CoE and grievances related to evaluation are resolved by the course-coordinator. The IAT marks and class attendance are informed to parents through SMS. Two CCAs are conducted and evaluated with proper questions/rubrics. The CCA related grievances are resolved by the course-coordinator. The project works and internships of the students are evaluated through proper rubrics and the related grievances are resolved by the respective guide. The lab experiments are evaluated continuously and related issues/grievances are resolved by the respective course-coordinator. The provision for additional/special tests will be arranged for students participated in important/university events and for genuine reasons.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://report.vtu.ac.in/grievance/">https://report.vtu.ac.in/grievance/</a>

## 2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

National Board of Accreditation (NBA) has stated 12 Program Outcomes (POs). In line with these POs and in consultation with the stakeholders, vision and missions of the institute are defined. departmental vision and missions are defined. All visions and missions are displayed in the strategic locations and in the students study materials to create awareness. In view of the emerging trends and relevancies of the engineering and technology in specific domains, each program of the institute interacted with the various stakeholders and has stated 3 Program Specific Outcomes (PSOs). In view of assessment and attainment of POs and PSOs during graduation, the Course Outcomes (COs) are defined by the respective course coordinator in consultation with HOD and module coordinator.

The well-defined Visions and Missions, POs, PSOs and COs are published, circulated, displayed and are made available for students and staff members through:

- Institute website
- Cover pages of Course Plans (CPs)
- Cover pages of lab journals
- Cover pages of Faculty-Dairy, Department Newsletters and Technical-Magazines
- Cover pages of IA and Assignment booklets
- Displayed in all strategic points of class rooms, labs and corridors of institute campus
- Disseminated during student and staff induction programs

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://hsit.ac.in/NAAC/AQAR/2023-24/C2/RevisedandNewCOs2023-24.pdf">https://hsit.ac.in/NAAC/AQAR/2023-24/C2/RevisedandNewCOs2023-24.pdf</a>
Upload COs for all courses (exemplars from Glossary)	<a href="#">View File</a>

### 2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

The attainment of Program outcomes (POs) and Course outcome (COs) are evaluated regularly after announcement of SEE results. Institute is adopted OBE-ERP software to evaluate the attainment of Pos and COs. COs are defined by the course coordinator as per the revised curriculum of the university and are mapped with POs as below.

- Higher mapping level =3
- Moderate mapping level =2
- Lower mapping level =1

The mapped levels are substantially justified and are assessed to attain benchmarks and set targets.

The COs are assessed and attained through two methods:

- Direct Methods: Continuous-Internal-Evaluation (CIE) and University Semester End Examination (SEE)
- Indirect Methods: Course-End-Survey (CES), Activities, Employer and Alumni Surveys, Employment achievements etc.

The direct methods are conducted to evaluate COs as per the university guidelines. Based on the learning dynamics of the students, industry and societal requirements, the indirect methods are developed. The attainment levels are computed based on the methods decided by the institute.

After completion of each semester and after announcement of university results, course coordinator will assess the attainment of benchmarks or set targets of COs, POs and PSOs. The institute has provided the assessment formats in single document called Faculty-Course-Assessment-Report (FCAR).

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://hsit.ac.in/NAAC/AOAR/2023-24/C2/SamplePOsCOsAttainmentsLatest.pdf">https://hsit.ac.in/NAAC/AOAR/2023-24/C2/SamplePOsCOsAttainmentsLatest.pdf</a>

### 2.6.3 - Pass percentage of Students during the year

#### 2.6.3.1 - Total number of final year students who passed the university examination during the year

144

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	<a href="https://hsit.ac.in/NAAC/AOAR/2023-24/C6/6.5.3AnnualReport2022-23.pdf">https://hsit.ac.in/NAAC/AOAR/2023-24/C6/6.5.3AnnualReport2022-23.pdf</a>

### 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 weblink)

<https://hsit.ac.in/NAAC/AOAR/2023-24/C2/SSSReportSampleSSR.pdf>

### RESEARCH, INNOVATIONS AND EXTENSION

#### 3.1 - Resource Mobilization for Research

##### 3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

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

200000

File Description	Documents
Any additional information	<a href="#">View File</a>
e-copies of the grant award letters for sponsored research projects /endowments	<a href="#">View File</a>
List of endowments / projects with details of grants(Data Template)	<a href="#">View File</a>

### 3.1.2 - Number of departments having Research projects funded by government and non government agencies during the year

#### 3.1.2.1 - Number of departments having Research projects funded by government and non-government agencies during the year

01

File Description	Documents
List of research projects and funding details (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Supporting document from Funding Agency	<a href="#">View File</a>
Paste link to funding agency website	<a href="https://vgstdst.karnataka.gov.in/en">https://vgstdst.karnataka.gov.in/en</a>

### 3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

#### 3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year

24

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of workshops/seminars during last 5 years (Data Template)	<a href="#">View File</a>

### 3.2 - Research Publications and Awards

**3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year****3.2.1.1 - Number of research papers in the Journals notified on UGC website during the year**

32

File Description	Documents
Any additional information	<a href="#">View File</a>
List of research papers by title, author, department, name and year of publication (Data Template)	<a href="#">View File</a>

**3.2.2 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year****3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the year**

29

File Description	Documents
Any additional information	<a href="#">View File</a>
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

**3.3 - Extension Activities**

3.3.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

The institute is regularly facilitates to conduct activities on "Universal-Human-Values" and organizes expert talks on relevant social issues. Students and staff members have participated in various extensive activities such as "Swacchh-Bharat-Abhiyan/Shramadhan", "Engineers-Day", "World Environment-Day", "Teachers-Day", "NSS-Day", "Women's-Day", "Blood-Donation-Camp", "Promotion of Digital Literacy" etc. As a part of the AICTE activity and Societal Internship, the students are undergoing various extension and sensitizing activities in the Gram panchayats and Town-panchayats and received certificates of appreciation from the government and non-government bodies. The Red-cross society of the institute has conducted "Blood Donation



Camps", "Eye Check-up Camps" and "Health Check-up Camps" regularly successfully. The "Women Empowerment Cell" has conducted sensitizing activities such as "Women's Health", "Nari Shakti" etc., regularly as per the guidelines of governments from time to time and received appreciation from the eminent personalities. The departmental associations have conducted various extension and sensitizing activities on issues related to the environment, water, soil, waste, energy, health etc.

The participation of students and staff in the above said extension and sensitizing activities leads to work towards national interests which are: 1. Enhancement of abilities/competencies to resolve societal issues/problems through technology intervention 2. Increased compassion and humanity towards rural and poor communities 3. Right understanding and adoption of Universal-Human-Values 4. Professional-ethics 5. Proactive philanthropic mindsets.

File Description	Documents
Paste link for additional information	<a href="https://hsit.ac.in/nss.php">https://hsit.ac.in/nss.php</a>
Upload any additional information	No File Uploaded

### 3.3.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

#### 3.3.2.1 - Total number of awards and recognition received for extension activities from Government/ government recognized bodies during the year

32

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of awards for extension activities in last 5 year(Data Template)	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>

### 3.3.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., ( including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs ) during the year

### 3.3.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

69

File Description	Documents
Reports of the event organized	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	<a href="#">View File</a>

### 3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

#### 3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

987

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<a href="#">View File</a>

### 3.4 - Collaboration

#### 3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

334

File Description	Documents
e-copies of linkage related Document	<a href="#">View File</a>
Details of linkages with institutions/industries for internship (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

#### 3.4.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. during the year

6

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	<a href="#">View File</a>

## INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 - Physical Facilities

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

All the physical facilities have been established for an effective teaching and learning process in the campus to comply with the AICTE and Visvesvaraya Technological University, Belagavi norms. The institute has adequate infrastructure and physical facilities for effective teaching-learning process.

**Classrooms:** College has 20 well ventilated, spacious classrooms equipped with LCD projectors, ICT facilities and internet connections.

**Tutorial rooms:** Separate 7 tutorial rooms are available in the college campus for tutorial lectures, doubt clarification and

special remedial classes for weak and needy students.

**Laboratories:** Institute has total 43well equipped laboratories with state of the art equipment and facilities. All the laboratories are established as per AICTE and VTU norms. These labs are utilized for conducting practical sessions as per the requirements of the curriculum. Labs are also utilized for conducting workshop & training as a part of teaching contents beyond the syllabus.

**Seminar halls:** For conducting extracurricular and Co-curricular activities, the institute has multiple seminar halls. These halls are used for conducting student's association activities, national / international level technical activities. The students are encouraged for active involvement in paper presentations, group discussions, etc.

**Drawing hall and CAD lab:**The college has drawing hall to facilitate students to carry out the engineering drawing activity. Also college has CAD lab for students to experience and experiment on engineering drawings using computerized drawing tools.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://hsit.ac.in/NAAC/AQAR/2023-24/C4/4.3.1ListofComputerSystemsintheInstitute.pdf">https://hsit.ac.in/NAAC/AQAR/2023-24/C4/4.3.1ListofComputerSystemsintheInstitute.pdf</a>

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

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

For the overall development of students, the institution is providing adequate facilities for psychological and physical development of the students and Staff members.

**Gymnasium and sports facilities:**Exclusive infrastructure and human resource have been made available to promote indoor/outdoor games to motivate students for participation in various events for Intra-Institute and University Level. For the various sports activities, we have an athletics ground. It is also used for

playing Cricket, Running, Throw-ball, Football, Kabaddi etc. For indoor games, sufficient space is available for playing badminton, table tennis, chess and carrom. Gymnasium equipped with all types of gym equipments and ares provided for the students to improve their physical health in the campus.

**Cultural Activities:** College has open air theatre for conducting cultural activities. Every year we conduct a cultural event called "Sambhrama". The Institute has cultural coordinator to promote the cultural activities inthe institute and motivate students to participate in University/State/National level competitions. Sports equipments of higher standard are provided generously.

**Yoga/Meditation Space:**The Institute has separate Yoga center with meditation for all the stake holders. The physical director and some of the faculty members who are expert in yoga and meditation conduct sessions for students. Students practice yoga and meditation activity along with these trainers.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://hsit.ac.in/sports.php">https://hsit.ac.in/sports.php</a>

#### 4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

24

##### 4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

24

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	<a href="https://hsit.ac.in/NAAC/AOAR/2023-24/C4/4.1.3.LMSSoftwareBills.pdf">https://hsit.ac.in/NAAC/AOAR/2023-24/C4/4.1.3.LMSSoftwareBills.pdf</a>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

**4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)****4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)**

72

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Upload audited utilization statements	<a href="#">View File</a>
Upload Details of budget allocation, excluding salary during the year (Data Template)	<a href="#">View File</a>

**4.2 - Library as a Learning Resource****4.2.1 - Library is automated using Integrated Library Management System (ILMS)**

Data requirement for year: Upload a description of library with,

- Name of ILMS software: e-LIB
- Nature of automation fully
- Version : 20.2
- Year of Automation: 2017

The library is fully automated using Integrated Library Management System (ILMS) computerized with e-LIB, 20.2 version (2024) software. The library is a member of Visvesvaraya Technological University Consortium and DELNET which provide web access to adequate number of e-books, e-Journals, Periodicals, thesis, Database and Dissertations. Transactions in the library are automated by using bar code reader. The following features can be accessed from Computer/Smart phone/Laptop within the campus.

- Digital accounting and circulation of books.
- Availability of books subject wise / Author wise.
- Access to the e-resources /NPTEL /Pro-Quest video lectures.
- Access to the e-Journals: Springer, Elsevier, IEEE, Taylor & Francis, Sciencedirect etc.

The Digital library, a part of Central library has adequate number of terminals to facilitate searching/accessing e-

resources, web browsing and for other academic work. Provision has also been made to allow downloading/printing of material from these resources. The library also provides access to Internet as well as CD/DVD based electronic resources. Adequate space is provided for browsing and relaxed reading.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional Information	<a href="https://hsit.ac.in/library.php">https://hsit.ac.in/library.php</a>

**4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources**

**A. Any 4 or more of the above**

File Description	Documents
Upload any additional information	<b>No File Uploaded</b>
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<a href="#">View File</a>

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

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

**337612.00**

File Description	Documents
Any additional information	<a href="#">View File</a>
Audited statements of accounts	<a href="#">View File</a>
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>

**4.2.4 - Number per day usage of library by teachers and students ( foot falls and login data for online access) (Data for the latest completed academic year)**

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

37

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of library usage by teachers and students	<a href="#">View File</a>

**4.3 - IT Infrastructure****4.3.1 - Institution frequently updates its IT facilities including Wi-Fi**

Institute continuously strive to provide state-of-the-art Technologies and updates its ICT facilities time to time to ensure efficient learning resources. Institute upgrades the IT facilities as per the requirements and the norms prescribed by AICTE and University time to time. For the AY: 2023-24, 100 new desktop systems with latest Configurations(i5 processor) purchased to upgrade computer laboratories.The Core layer switches in the buildings are connected with the Optical Fiber Ring Network. This core switching is further extended to Distributed Switching for all the Departments, Hostels and Office premises. The Internet bandwidth has been upgraded as per the requirement of the statutory bodies along with secured Wi-Fi. The Wi-Fi facility was installed with latest Cisco wireless controller, Hardware Firewall and 36 Wireless Access Points. All buildings, hostels, classrooms, Seminar halls, conference rooms and common areas in the campus are Wi-Fi enabled.All teaching staff members use the ICT facilities in the classrooms and laboratories whenever needed. The CCTV Surveillance system is established in all the rooms, Seminar/Conference halls and open areas. Intercom system is provided in HOD room, staff roomsand in laboratories for ease of communication.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://hsit.ac.in/NAAC/AOAR/2023-24/C4/SoftwareListAndBills.pdf">https://hsit.ac.in/NAAC/AOAR/2023-24/C4/SoftwareListAndBills.pdf</a>

**4.3.2 - Number of Computers**

414



File Description	Documents
Upload any additional information	No File Uploaded
Student – computer ratio	<a href="#">View File</a>

#### 4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	<a href="#">View File</a>

#### 4.4 - Maintenance of Campus Infrastructure

##### 4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

##### 4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

52.8

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts.	<a href="#">View File</a>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View File</a>

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.

The Institute has a well-defined policy and system in place for the maintenance and utilization of all its physical and academic facilities. Classroom being the most primary and important work space; it is managed with proper systems and procedures as recommended by the Management and the University. It is followed keeping in mind the modern teaching learning environment. CCTVs installed in each classroom make sure of the safety and the

security of all students, teachers and equipment. The Laboratory including computers policy forms the core in the working of the institution. While the Laboratories have several instruments and equipment, the same is well maintained through Institute maintenance Cell & AMCs. The Locations of laboratory safety showers, eyewash stations, and fire extinguishers help to assure protective measures to minimize the causalities. And general Instructions to students regarding the safe and secure usage while in the laboratory are displayed in each lab. Sports committee looks after maintaining the sports ground and sports equipment. Institution follows all safety and security norms as required for an educational institution and makes optimal use of all security mechanisms. Safety of girls is specially handled and appropriate measures are taken to make the campus safe for students.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://hsit.ac.in/NAAC/AQAR/2023-24/C4/4.4.2ProcedureForMaintenance.pdf">https://hsit.ac.in/NAAC/AQAR/2023-24/C4/4.4.2ProcedureForMaintenance.pdf</a>

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

#### 5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

##### 5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

385

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	<a href="#">View File</a>

**5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year****5.1.2.1 - Total number of students benefitted by scholarships, free ships, etc provided by the institution / non- government agencies during the year**

0

File Description	Documents
Upload any additional information	No File Uploaded
Number of students benefitted by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	No File Uploaded

**5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills**

A. All of the above

File Description	Documents
Link to institutional website	<a href="https://www.hsit.ac.in/NAAC/AOAR/2023-24/C5/5.1.3/5.1.3.pdf">https://www.hsit.ac.in/NAAC/AOAR/2023-24/C5/5.1.3/5.1.3.pdf</a>
Any additional information	<a href="#">View File</a>
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>

**5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year**

874

**5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year**

874

File Description	Documents
Any additional information	No File Uploaded
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

**5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization 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**

**A. All of the above**

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	No File Uploaded

## 5.2 - Student Progression

### 5.2.1 - Number of placement of outgoing students during the year

#### 5.2.1.1 - Number of outgoing students placed during the year

116

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

**5.2.2 - Number of students progressing to higher education during the year****5.2.2.1 - Number of outgoing student progression to higher education**

01

File Description	Documents
Upload supporting data for student/alumni	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of student progression to higher education	<a href="#">View File</a>

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

0

File Description	Documents
Upload supporting data for the same	No File Uploaded
Any additional information	No File Uploaded

**5.3 - Student Participation and Activities****5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year****5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.**

5

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	<a href="#">View File</a>

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

HSIT is committed to provide overall development of the students by educating them in state of art infrastructure, promoting leadership and organizational skills through different initiatives taken at the institute level. 1. Anti-Ragging Committee: College Anti-Ragging Committee headed by Principal, HODs of all departments, one senior faculty from each department, Police officer of nearest police station and student members is functioning effectively to avoid ragging cases in the campus. 2. Anti-Sexual Harassment Committee: Anti-Sexual Harassment Committee headed by senior female faculty along with other senior faculties, one senior advocate and student members is functioning effectively to avoid sexual harassment cases in the campus. 3. Grievance Redressal Committee: The institute has an active grievance redressal committee which includes Principal as chairman, one senior faculty as convener, HODs of all the departments, and student members. Students' grievances, if any, are addressed by the committee within one week after receiving them. 4. NSS: HSIT has active NSS cell which in collaboration with VTU, Belagavi organizes various activities. 100+ NSS volunteers are actively involved in the activities. 5. Students Association: Every department has Students Association led by a group of students. This group ensures involvement of all other students of department in organizing activities throughout the year.

File Description	Documents
Paste link for additional information	<a href="https://www.hsit.ac.in/NAAC/AOAR/2023-24/C5/5.3.2/5.3.2link.pdf">https://www.hsit.ac.in/NAAC/AOAR/2023-24/C5/5.3.2/5.3.2link.pdf</a>
Upload any additional information	<a href="#">View File</a>

### 5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

#### 5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

51

File Description	Documents
Report of the event	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	<a href="#">View File</a>

### 5.4 - Alumni Engagement

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

HSIT has established an "ALUMNI ASSOCIATION HIRASUGAR INSTITUTE OF TECHNOLOGY" on 11th February 2011 under Karnataka Society Registration Act, 1960 with registration No:D.R.L/S.O.R/BGM/1245/2010-11. Every passed out student is enrolled as a life member by completing registration process. Alumni association HSIT has organizational structure as President, Vice-Presidents, Secretary, Joint Secretary, Treasurer and members. Becoming the member of alumni association is one of the easiest ways to reconnect, give back to the institute, and serve as a springboard for further involvement. Alumni Association HSIT organizes alumni meets at different locations regularly. Our alumni are serving their alma mater in following ways- Participation in the programs like seminars,

workshops as a resource person.

- Delivering expert lectures regularly and guiding the students about new trends in the work environment, skill enhancements, professional ethics and catering student's need of career.
- Evaluating various technical events as jury member.
- Helping their juniors for getting the placements.
- Suggesting modifications in the curriculum.
- Donating books to the students.
- Giving cash prizes to the meritorious students.

As every alumnus has experienced his/her life at institute through different phases before graduating through unique and different model of HSIT, hence they find the potential for contributing back for the development of the institute and support the institute's reputation.

File Description	Documents
Paste link for additional information	<a href="https://hsit.ac.in/hitalumni/index.php">https://hsit.ac.in/hitalumni/index.php</a>
Upload any additional information	<a href="#">View File</a>

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

D. 1 Lakhs - 3Lakhs

File Description	Documents
Upload any additional information	<a href="#">View File</a>

## GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 - Institutional Vision and Leadership

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

**Vision:** "To be a preferred institution in Engineering Education by achieving excellence in teaching and research and to remain a source of pride for its commitment to holistic development of individual and society"

**Mission:** "To continuously strive for the overall development of students, educating them in a state of the art infrastructure, by retaining the best practices, people and inspire them to imbibe



real time problem solving skills, leadership qualities, human values and societal commitments, so that they emerge as competent professionals"

**Nature of Governance:** The Institution is run by His. Holiness. ShrimanNiranjanaPanchamShri. ShivalingeshwaraMahaswamiji of SiddhaSaunsthanMath,Nidasoshi, purely on charitybasis.HisHoliness.Mahaswamiji of SiddhaSaunsthan Math, Nidasoshi is the Sole Trustee and President of SJPNTrust, Nidasoshi.ThePresident appoints the Advisory Committee, selecting seven people from different walks of life for a period of 5 years. The advisory committee provides quality inputs and suggestions for the administration of the Trust/Institute during its monthly meeting. Day to day decisions are taken at the Head of the Institute Level. At department level Head of the Department receive instructions from HOI for timely implementation of decisions of the management.

The Governing council of Institute is constituted as per AICTE guidelines from time to time consisting of 9 members. Two members from teaching faculty, one is of the Professor cadre and other of the Assistant Professor cadre is nominated on the Governing Council of the institute. Through this platform teachers suggest their views in the major administrative decisions of the management.

File Description	Documents
Paste link for additional information	<a href="https://hsit.ac.in/aboutsjpn.php">https://hsit.ac.in/aboutsjpn.php</a>
Upload any additional information	<a href="#">View File</a>

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

**Decentralization:** The institution functions with the method of decentralized governance system. The head of the department has been given an authority in deciding the activities and delegating the responsibilities to the staff members. The department decides on timetable, subject allocation, purchase and maintenance of equipment and consumables, organizing conferences, guest lectures and workshops and organizes necessary Industrial visits, In-plant trainings, Internships and MoUs.

**Participative Management:** The institution is functioning effectively with the culture of participative management which enables the faculty and students to give their opinion and suggestions for improvement. All the departments of the college function under the direct supervision of Principal. Day-to-day academic activities of the departments are taken care of by the respective HODs. HODs /

Convener will conduct the meeting with the concerned members to discuss various issues and resolutions made will be communicated to Principal for final decision. Principal conducts weekly review meeting with all HODs/Convener at department level.

The Principal coordinates with the departments, administration and management.

Participative management provides extensive scope for having cooperation among the departments and ensures the quality of planning and implementation of all the activities in the institution uniformly and as a team.

Case study of Decentralization and Participative Management in the Institute.

**Weekly Academic Review:**

Weekly academic review committee is responsible for drafting, regulating and implementing different academic policies. It ensures smooth & uniform conduction of academics throughout the year.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

## 6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

**STRATEGIC PLAN 2023-2028**

**Perspective Plans:**

The head of the institute interact with internal/External

Stakeholders the extensive components of the perspective plans of the institute and it is finalized in the Management/Governing council meetings. The Short term/Long term Strategic Plans for the institute are developed. They are

#### Strategic plans

1. Development of research ecosystem in all the departments.
2. Signing MOUs with reputed industries and R & D Organizations.
3. Establishing and developing Incubation Centre to guide and support the prospective entrepreneurs.
4. Preparing for listing in National Institutional Ranking Framework (NIRF).
5. Moving from affiliated institute to autonomous Institution in down three years
6. Moving from autonomous institution to university status in next six years.
7. Emphasizing on gender sensitization issues and encouraging women education aggressively in rural area and promoting 50% of girl enrollment in HSIT.

#### Case Study

1. Financial Sanction of Technical Intervention project (No.RP-03525G) under UBA 2.0 for "Advanced Community Solar Dryer for Agro Products" has been sanctioned of amount 1 Lakh.

2. KFIST Level (1) project under the VGST Scheme - project titled "Coplanar Capacitive Coupled Probe Fed Micro strip Antennas with and without Air Gap for UWB and Multiband Applications" second installment of grant Rs.10.00 Lakh to

be released.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

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.

**The President & Advisory Committee: His. Holiness. ShrimanNiranjanPanchamShri. ShivalingeshwaraMahaswamiji** is the Sole Trustee & President and is the apex authority in the hierarchy. The Advisory Committee is the administrative body. The Principal is the head of the organizational structure at institute level and he is responsible for the day today functioning. The flow of administrative decisions is explained in the organization chart.

**Governing Council:** Governing Council is constituted as per AICTE guidelines from time to time and is the Institute level administrative body.

**Principal:** The Principal is having reasonable autonomy to take financial decisions in consultation with the management, pertaining to state of infrastructure, arranging

FDPs and workshops.

**Head of the Department:** Decisions pertaining to academic matters are decentralized to a large extent. Allotment of subject, workload, monitoring of syllabus coverage, planning seminars Workshops, Industrial tours, FDPs, Remedial sessions, Personality development programs, Project works etc. are also organized as per the instructions of the HOD.

**Deans:** The institution has various Dean positions like Dean for Academics, Research and Development, Examination, Students Welfare and Training and placement are is responsible to take stock of academics, Exams, Research & development, student welfare and Placement Activities etc.

**Appointment of Staff Members:**

Advertisement is published in all leading news papers for recruitment. Staff members are appointed as per norms of AICTE, New Delhi from time to time.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the Institution webpage	<a href="https://hsit.ac.in/coldoc/organization-chart.pdf">https://hsit.ac.in/coldoc/organization-chart.pdf</a>
Upload any additional information	<a href="#">View File</a>

### 6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning)Document	<a href="#">View File</a>
Screen shots of user interfaces	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	<a href="#">View File</a>

### 6.3 - Faculty Empowerment Strategies

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

List of welfare measures supported by the institute for Teaching and Non-teaching staff: 1. Faculty members are supported for higher studies in the fields of specialization in reputed institutes and University. 2. Group insurance scheme for both teaching and non-teaching staff. 3. Maternity leave for lady faculty members.

4. Medical Leave for all eligible staff suffering from chronic diseases. 5. Various leaves available to teaching and non-teaching staff are Vacation Leave, Casual Leave and Earned Leave. 6. Employee Provident Fund facility for teaching and non-teaching staff. 7. Soft Loan facility is available for institute staff through Cooperative Society. 8. Medical facility with full time resident Doctor is available in the campus. 9. Staff quarters facility for teaching and non-teaching staff in the campus.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

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

**6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year**

11

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<a href="#">View File</a>

**6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year**

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

6

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	<a href="#">View File</a>
Reports of Academic Staff College or similar centers	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<a href="#">View File</a>

### 6.3.4 - 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 etc.)

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

62

File Description	Documents
IQAC report summary	<a href="#">View File</a>
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of teachers attending professional development programmes during the year (Data Template)	<a href="#">View File</a>

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

**Teaching Staff:** Institute maintains well documented Service rule book, which is provided to every staff at the time of appointment. Service book is maintained which records the Information of the teaching staff, like date of appointment, date

of birth, educational qualifications, identification, address details, date of increments, pay revision etc. The college has adopted well designed performance appraisal system. Every teacher has to submit annually self-appraisal form (Academic Performance) duly forwarded by the HOD to the HOI. Assessment of the teachers by the HOD includes information related to the teaching learning process, syllabus coverage, university result, feedback from the students, pedagogical initiatives and achievements in teaching duties, R & D, Consultancy, publications of research papers, books, etc. Every teacher is provided with a copy of annual self-appraisal form. He/She submits his/her annual transactions in the Proforma with self assessment score to the concerned head of the department for scrutiny and verification. The respective HOD after verification of self-assessment score with supportive documents submits to principal with his clear recommendation.

**Non-Teaching staff:** College office collects Confidential-Report (CR) from respective head of the department about the performance of non-teaching staff or performance assessment. Based on the CR evaluation suitable actions are initiated.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

#### 6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

Budget for the next academic year is prepared in the current academic year during Month of April every year. Budgets and compliance to budgets, financial data are closely monitored in the institute.

1.The budget requirement of all department/ sections is submitted to Principal's office. 2. The items required along with their quantity are justified by respective HODs/section incharges along with submitted budget. 3. The efficient use of financial resources is done by providing the finance required to procure the items which are need based requirements from the departments/sections. 4. The financial resources of the college are managed in a very effective and justified manner. The following three types of



accounts are created;

- Receipts & Payment Accounts
- Income & Expenditure Accounts
- Balance Sheets each and every transaction is supported by the vouchers.

All the funds are deposited in the bank and all bills on recurring & non-recurring expenses are disbursed through cheque payment. Duly authorized persons can only operate the bank account.

**External Audit:** External Audit is done by the Chartered Accountant for every financial year.

**Internal Financial Audit:** Internal financial audit is the continuous process and is monthly done by Accounts department of the Institute. The expenditure incurred on all heads of accounts are read and approved in the monthly meeting of Advisory Committee meeting

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

#### **6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)**

##### **6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)**

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	No File Uploaded

### 6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

The main source of the fund for the institute is tuition fee collected from the students. In addition to this Government supports all eligible students in terms of merit scholarships. Charges for conducting online/offline examination from outsiders. Since the institute is a self-financing. Institution, funds so generated is used for salary and other day today expenditure of the institution. Operating expenses include salary paid to Teaching and Non-teaching staff and non-salary expenses comprise of purchase of equipment, infrastructure development,

maintenance, furniture & fitting work, repair and its maintenance, office expenses, printing & stationary and other miscellaneous expenses, etc. The funds are utilized in accordance with the budgetary provisions made with prior approval by the Management.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

## 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

**IQAC of the institute is contributing significantly towards Quality education and inculcating quality culture among the students and staff.**

- Promote industrial training and visits, workshops, and guest lecturers from industry, MOUs, etc.
- Conducting quality programs like seminars, webinars, guest lectures, conferences, etc.
- Establishment of various processes to take feedback/surveys from various stakeholders.
- Establishment of the Mentor-mentee process and its effective implementation.
- Best efforts to make the ragging-free campus and establishment of grievance redressal cell to resolve their grievance it may related to admission, academics and scholarship etc.

The following practices institutionalized as a result of IQAC initiatives are mentioned.

- Financial Sanction of Technical Intervention project (No.RP-03525G) under UBA 2.0 for "Advanced Community Solar Dryer for Agro Products" has been sanctioned of amount 1 Lakh.
- KFIST-Level-1 project under the VGST Scheme (GRD No.1148) - project titled "Dynamic Servo Controlled Fatigue Testing Machine" first installment of grant Rs.10.00 Lakh is released.
- Vision Group of Science & Technology (VGST) Government of Karnataka has sanctioned Fund of Rs. 2.00 Lakhs for 4-Days VGST Sponsored Faculty Development Programme On "Software Engineering and Testing Methodologies
- Our Institution has applied for financial support to government funding agencies like Karnataka State Council for Science & Technology (KSCST), Government of Karnataka. Total 09 projects were received a grant of total Rs. 52000/- by various engineering departments.

File Description	Documents
Paste link for additional information	<a href="https://hsit.ac.in/NAAC.php">https://hsit.ac.in/NAAC.php</a>
Upload any additional information	<a href="#">View File</a>

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

IQAC in the college works on improving the teaching-learning process and supports adopting Outcome-Based Education (OBE) in all programs of college regularly. The Program outcomes (POs), program-specific outcomes (PSOs), course outcomes (COs) adapted from NBA are prepared by each program considering Bloom's

taxonomy in consultation with faculty, external stakeholders like alumni, industry persons and professional body members. The POs, PSOs, and COs attainment is measured at completion of every semester and in turn their assessment annually for all outgoing batches. For lower level attained courses and slow learners Tutorial and remedial classes are properly planned and efforts are made to improve the attainments. Beyond curriculum activities

are also planned and implemented. The IQAC improve the teaching-learning process through standard academic practices, these academic practices include:

- Preparation and adherence of Academic Calendar
- Guiding to make right choice of open/professional Electives and department level.
- Mentor-Mentee distribution and interval counseling plan
- Course Delivery (Online / Offline class)
- Conduction of Seminar, Projects, Industrial Training
- Monitoring of class delivery
- Attendance Monitoring of students
- Syllabus coverage
- Setting up the internal question papers and assignments as per RBTLs and their scrutiny and verification by assigned module coordinators
- Conduction of internal examinations
- Evaluation of Internal test answer scripts as per prepared scheme of evaluation
- Industrial Visits & Guest Lectures.

File Description	Documents
Paste link for additional information	<a href="https://hsit.ac.in/NAAC/AQAR/2023-24/C2/">https://hsit.ac.in/NAAC/AQAR/2023-24/C2/</a>
Upload any additional information	<a href="#">View File</a>

**6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)**

**A. All of the above**

File Description	Documents
Paste web link of Annual reports of Institution	<a href="https://hsit.ac.in/NAAC/AOAR/2023-24/C6/6.5.3AnnualReport2022-23.pdf">https://hsit.ac.in/NAAC/AOAR/2023-24/C6/6.5.3AnnualReport2022-23.pdf</a>
Upload e-copies of the accreditations and certifications	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Upload details of Quality assurance initiatives of the institution (Data Template)	<a href="#">View File</a>

## 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 ensures equal opportunities for boys and girls in academics and administration. General Secretary positions for both genders are nominated from final-year students, and "Best Boy" and "Best Girl" awards recognize meritorious final-year students. General championships are awarded separately for boys and girls in institute-organized sports.

For safety, the girls' hostel is managed by a full-time warden and security guards on shifts, with CCTV cameras installed strategically. An Anti-Sexual Harassment and Grievance Redressal Cell addresses safety and social issues. A residential doctor handles regular health concerns for all students.

Regular mentor-mentee meetings provide academic and personal counseling to both genders. Girls have separate common rooms equipped with first aid, rest areas, sanitary napkin vending machines, incinerators, and other amenities.

On International Women's Day (2nd March 2024), events like essay writing, Mehandi, rangoli, and poem competitions were held. Health-focused talks and awareness programs included "Health and Hygiene," "Eye Donation and Care" (28th August 2023), and "Health is the Foundation of Success" (15th September 2023). Other events included "Cooking without Fire" (7th February 2024), clay modeling (16th February 2024), and a poster competition on "Health Awareness" (14th March 2024)

File Description	Documents
Annual gender sensitization action plan	<a href="https://hsit.ac.in/NAAC/AQAR/2023-24/C7/7.1.1/AnnualGenderSensitizationActionPlan.pdf">https://hsit.ac.in/NAAC/AQAR/2023-24/C7/7.1.1/AnnualGenderSensitizationActionPlan.pdf</a>
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	<a href="https://hsit.ac.in/NAAC/AQAR/2023-24/C7/7.1.1/SpecificFacilitiesForWomen.pdf">https://hsit.ac.in/NAAC/AQAR/2023-24/C7/7.1.1/SpecificFacilitiesForWomen.pdf</a>

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

**A. 4 or All of the above**

File Description	Documents
Geo tagged Photographs	<a href="#">View File</a>
Any other relevant information	<b>No File Uploaded</b>

**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 Management:** The solid waste generated, is separated into Wet waste and Dry waste. The dry waste is collected in dustbins at different locations and is dumped in dumping yard & then segregated into different types of plastics and metals. The Wet food/kitchen waste collected in dustbins is dumped mainly into hermi compost plant; some part into biogas plant; also some of the bio waste is send to Goshala. Paper and wooden materialistic is systematically managed and they are given for recycling.

**Liquid waste Management:** Liquid waste generated in the institute istaken out through the pipeline, treated in septic tanks and disposed into soak pits. The institute has implemented the Bio-digestertotechnology at some places.

**Biomedical Waste Management:** There is no biomedical waste.

**E-waste Management:** The e-waste generated will be given to the suppliers, while buying a new machine with buyback.

**Waste recycling system:** The metal and paper waste is sold to the vendors with applicable cost.

**Hazardous chemical and radioactive waste management:** Old Batteries are exchanged with new one while buying with appropriate depreciation.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	<a href="https://hsit.ac.in/NAAC/AQAR/2023-24/C7/7.1.3/7.1.3GeoTaggedPhotosOfTheFacilities23-24.pdf">https://hsit.ac.in/NAAC/AQAR/2023-24/C7/7.1.3/7.1.3GeoTaggedPhotosOfTheFacilities23-24.pdf</a>
Any other relevant information	No File Uploaded

**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
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	No File Uploaded

**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 with trees and plants**

A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	<a href="#">View File</a>
Any other relevant documents	<a href="#">View File</a>

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

**7.1.6.1 - The institutional environment and energy initiatives 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**

**A. Any 4 or all of the above**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	<a href="#">View File</a>
Certificates of the awards received	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

**A. Any 4 or all of the above**



File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Policy documents and information brochures on the support to be provided	<a href="#">View File</a>
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	No File Uploaded

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

Institution believes in equality of all cultures and traditions as is evident from the fact that students belonging to different caste, religion, regions are studying without any discrimination. Though the institution has diverse socio-cultural and linguistic background, we do not have any intolerance towards cultural, regional, linguistic, communal socio economic and other diversities. To build a nation of youth who are noble in their attitude and morally responsible, the institute is proactively taking efforts in providing an inclusive environment. The initiatives are to promote better education and setting communal harmony. The various department of the HIT & NSS unit conduct orientation programs, awareness programs, workshops, webinars, commemorative day's celebrations and outreach programs to fulfill the above words.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>
Any other relevant information	No File Uploaded

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

The NSS and PED units organized the 77th Independence Day, inaugurated by Principal Dr. S.C. Kamate with a flag hoisting ceremony. Students sang patriotic songs and delivered speeches,

followed by Dr. Kamate's address on freedom fighters' sacrifices.

The 74th Constitution Day was celebrated with NSS Officer Prof. Sachin S. Patil briefing the significance of the Constitution. Dr. Kamate administered the oath to staff and students.

An EPIC Registration Drive was held on November 29, 2023, in collaboration with Gram Panchayat Nilasoshi. Documents from 46 unregistered students were collected and submitted to the Tahsildar Office.

National Youth Day on January 12, 2024, honored Swami Vivekananda with an inspiring speech by Dr. Kamate and a pledge ceremony.

On Voters' Day, Dr. Kamate emphasized the importance of voting, and Prof. Patil led the pledge.

The 75th Republic Day featured flag hoisting and student speeches, concluding with Dr. Kamate's address.

Prof. T.G. Sitaraman delivered a lecture on Universal Human Values on March 14, attended by 166 students.

The 133rd Birth Anniversary of Dr. B.R. Ambedkar highlighted his contributions, with a tribute and speech by Dr. Kamate.

Dr. GururajKarajagi gave an online talk on Universal Human Values on May 22, 2024.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	<a href="#">View File</a>
Any other relevant information	No File Uploaded

**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**

**A. All of the above**

and other staff 4. Annual awareness programmes on Code of Conduct are organized

File Description	Documents
Code of ethics policy document	<a href="#">View File</a>
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

The college celebrates all the festivals of India irrespective of cast and cadre. It is an integral part of learning and building a strong cultural belief in a student. The College makes tremendous efforts to celebrate the national and international events with great enthusiasm to commemorate the ideology of nationalism and to pay tribute to our great national leaders.

We celebrated the following days like Ambedkar Jayanti on 14th April 2023, Basava Jayanthi on 23rd May 2023, Budha Poornima on 16th May 2023, International Yoga Day on 21st June 2023, 77th Independence Day on 15th August 2023, Birth Anniversary of Dr. Sarvapalli Radhakrishnan i.e Teacher's Day on 5th September 2023, A tribute to Indian Engineer Bharat Ratna Sir Mokshagundam Visvesvaraya i.e. Engineer's Day on 15th September 2023, Mahatma Gandhi and Lal Bahaddur Shastri Jayanti on 2nd October 2023, Valmiki Jayanti on 28th October 2023, Karnataka Rajyostava Day on 1st November 2023, 74th Constitution day on 26th November 2023, Swami Vivekanand Jayanti i.e National Youth Day on 12th January 2024, Subhash Chandra Bose Jayanti on 23rd January 2024, Republic Day on 26th January 2024.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	<a href="#">View File</a>
Geo tagged photographs of some of the events	<a href="#">View File</a>
Any other relevant information	No File Uploaded

## 7.2 - Best Practices

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

### Best Practice I: "Book Bank Facility"

1. To find out user satisfaction about the Book Bank Facility.
2. To find out the usefulness of books provided to the students under the Book Bank Facility.

#### The Context:

The Book Bank facility supports needy and deserving students, promoting reading habits since the college library's inception.

#### The Practice:

Meritorious and economically disadvantaged students apply via forms, with eligibility sanctioned by a Library Committee. The facility provides 5,447 books, separate from 40,146 library books, with no borrowing limit.

#### Problems Encountered and Resources Required:

Challenges include incomplete book details and insufficient space for recording information, but the initiative continues to benefit students effectively.

### Best Practice II: Techno-Vision: State-Level Project and Paper Presentation Competition

#### Objectives:

Recognize innovative ideas of students.

Expose students to engineering staff and career opportunities.

Build confidence for higher studies.

The Context:

"Techno-Vision" fosters innovation to address societal and industrial challenges, supporting NEP-2020 goals to raise the GER to 50% by 2035.

The Practice:

The annual event invites diploma students statewide, with projects judged by experts. In 2023, 245 participants from 10 polytechnics and PUC colleges won prizes worth Rs. 50,000.

Problems Encountered:

Exam schedule conflicts were resolved by organizing the event a month before Diploma Board Exams.

File Description	Documents
Best practices in the Institutional web site	<a href="#">View File</a>
Any other relevant information	No File Uploaded

### 7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

Socio-economic upliftment of rural youth through quality education: Institute is run by S.J.P.N.Trust under shri "SiddhaSansthan Math" Nidasoshi, having a glorious history of more than 300 years. The very purpose of the institute is imparting technical education with holistic approach to the rural youth, which helps in uplifting the families of rural.

Dance Group: The College provides a platform for students to express themselves through rhythmic movement, encouraging them to participate in state-level competitions and other dance events.

Human Values Development: The academic code of conduct encompasses values such as discipline, honesty, fairness, respect, and responsibility. It means applying these values in your own work and also when you engage with the work and contributions of

others.

**Group Insurance for Staff and Students:** Group Insurance facility is provided to all the students and faculty. The institution has Student Safety Insurance/Janata Personal Accident-Group Policy (Staff), all the students and staff in the institution are covered for the sum assured rupees 100000/- each. Features of Student Safety Insurance Policy/Janata Personal Accident-Group Policy is covered against loss of one or both limbs, one or both eyes, one limb and one eye, partial disablement, permanent disablement and also in the event of death.

File Description	Documents
Appropriate web in the Institutional website	<a href="#">View File</a>
Any other relevant information	No File Uploaded

### 7.3.2 - Plan of action for the next academic year

**Future of action for next academic year 2023-24:**

1. Organizing activities to gender equity & sensitization in curricular and co-curricular activities.
2. Motivate staff and students use Bicycle one day a week etc.
3. Planning to conduct awareness and initiate measures for protecting and promoting environment and conduct green audit.
4. Organizing the events to sensitize the students and staff to the constitutional obligations like rights, duties & responsibilities.
5. Organizing events on National commemorative days and various festivals.
6. Planning for MOU's for E-waste management, waste recycling system etc.
7. Initiatives for Green campus like plantation of more trees.