YEARLY STATUS REPORT - 2020-2021

Part A

Data of the Institution

1.Name of the Institution   Hirasugar Institute of Technology

- Name of the Head of the institution   Dr. S. C. Kamate

- Designation   Principal

- Does the institution function from its own   Yes
  campus?

- Phone no./Alternate phone no.   08333278887

- Mobile no   9535666217

- Registered e-mail   principal@hsit.ac.in

- Alternate e-mail   kamateksk@rediffmail.com

- Address   Nidasoshi, Taluka Hukkerri

- City/Town   Nidasoshi

- State/UT   Karnataka

- Pin Code   591236

2.Institutional status

- Affiliated /Constituent   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. Basavaraj V. Madiggond**

- Phone No. **08333278887**

- Alternate phone No. **00**

- Mobile **9343454993**

- IQAC e-mail address **iqac@hsit.ac.in**

- Alternate Email address **bvmadiggond.eee@hsit.ac.in**

3.Website address (Web link of the AQAR (Previous Academic Year) https://hsit.ac.in/NAAC/AQAR-REPORT-2019-20.pdf

4.Whether Academic Calendar prepared during the year? **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: https://hsit.ac.in/coe/COE-2020-21-BOTH-SEMESTER.pdf

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**

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
Dr. Basavaraj V. Madiggond	**FDP**	**AICTE**	**2020, 06 Days**	**293333**

8.Whether composition of IQAC as per latest NAAC guidelines **Yes**

- Upload latest notification of formation of IQAC View File

9.No. of IQAC meetings held during the year   **02**

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?   **Yes**

- If No, please upload the minutes of the meeting(s) and Action Taken Report   No File Uploaded

10.Whether IQAC received funding from any of the funding agency to support its activities during the year?   **No**

- If yes, mention the amount

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

1. Preparation of NBA compliance report for extension of Accreditation of four UG Programs (CSE, ECE, EEE and ME). 2. Received permanent affiliation status from Visvesvaraya Technological University, Belagavi. 3. Preparing institute for getting 12 (B) status of UGC. 4.Organized awareness program on National Education Policy. 5. Preparing the institute for Autonomy.

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
Publication of CoE (Calendar of Events).	Effective communication of college activities to all the stakeholders well in advance for better participation of stakeholders in all college events.
Organizing seminars, invited expert lectures, workshops, industrial visits and internships for students.	Enhanced teaching-learning process by participating and cooperative learning.
Promoting sports activities.	Mr. Vijay Kumar Imader of 1 year B. E. Civil Engineering student has participated in 7th Indo-Nepal Youth Rural Games 2020-21 organized at Pokhara Cricket Academy Pvt. Ltd Nepal.
Conduct of academic audit by external and internal experts.	Maintaining transparency in teaching-learning process and to evaluate education quality processes. To access the academic performance of various programs to identify the strength.
Motivating and supporting staff for publications of papers in reputed peer reviewed journals.	Total of thirty six research articles have been published by our faculty in SCOPUS/peer reviewed journals.
Conducting Students Satisfaction Survey (SSS).	Clarity of directions for improvements.
Supporting faculty for research and to pursue Ph.D.	A total of Five faculty have submitted their thesis for award of PhD, two in Computer Science and Engg. Department and one each in ECE, Mechanical and Mathematics department and ten faculty have registered for Ph. D program.
Effective communication.	Communicating important information to all stakeholders

	of the college through SMS. Important information are also displayed at prominent locations of the college as well as on college website.
Organizing activities through NSS unit.	Hundred and seven students have been registered as NSS volunteers. Thirty five activities covering wide area with increased number of students for carrying out the social services and complying with social responsibilities.
Providing pre-placement training.	Eleven pre-placement training programs are conducted. A total of ninety one students are placed in various companies.
Preparing for Permanent Affiliation status from Visvesvaraya Technological University, Belagavi.	Obtained Permanent Affiliation status from Visvesvaraya Technological University, Belagavi.

13.Whether the AQAR was placed before statutory body?

Yes

- Name of the statutory body

Name	Date of meeting(s)
Governing Council of the Institute	08/03/2022

14.Whether institutional data submitted to AISHE

Part A

Data of the Institution

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• Name of the Head of the institution	Dr. S. C. Kamate
• Designation	Principal
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Conduct of academic audit by external and internal experts.	Maintaining transparency in teaching-learning process and to evaluate education quality processes. To access the academic performance of various programs to identify the strength.
Motivating and supporting staff for publications of papers in reputed peer reviewed journals.	Total of thirty six research articles have been published by our faculty in SCOPUS/peer reviewed journals.
Conducting Students Satisfaction Survey (SSS).	Clarity of directions for improvements.
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14.Whether institutional data submitted to AISHE

Year	Date of Submission
2021	22/01/2022

15.Multidisciplinary / interdisciplinary

Being an affiliated college, course structure and the contents (Course curriculum) are designed by the parent university, Visvesvaraya Technological University (VTU) Belagavi, a state university, which is yet to implement the

Multidisciplinary/interdisciplinary approach fully. However, in order to provide the holistic academic growth among the students aligning with the objective of NEP- 2020, Interdisciplinary/multidisciplinary curriculum is being implemented at Hirasugar Institute of Technology by offering Add-on courses to the students which gives freedom to the student to choose their preferred options from the range of programs offered by the institute. Classes for Add-on courses are being conducted online/off-line so that students of all streams can choose 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 in 21st century. While more clarity will be visible in coming years on how the multidisciplinary and interdisciplinary approach to education being proposed in the Policy shape up, Institute welcomes the change and ready to implement the same.

16.Academic bank of credits (ABC):

The institutional preparedness in implementation of Academic Bank of Credits solely depends upon the guidelines of the affiliated University and Higher Education Department, Govt of karanataka. 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. While more clarity will be visible in the coming months on how the academic bank of credits being proposed in the policy shape up, the Institute welcomes the change, which is to create a framework for the country to take advantage of its demographical dividend. In present scenario, following university regulation students are encouraged to participate in earning Honours degree through earning 20 extra credit points (Choice based credit system -CBCS) by participaing in different MooCs courses.

17.Skill development:

The Institute has already set up an In-house Training Cell withtwo components - providing technical training as well as soft skill training starting from the 1st year. Apart from teaching of regular curriculum of parent university, Curriculum Enrichment is achieved through beyond syllabus activities and value added courses imparting transferable and life skills in the form of MOOCs courses through NPTEL, Coursera, etc. and programs on

extracurricular and co-curricular activities conducted. Institute also signed MOU with Bosch CSR industry-Academia Collaboration and Creintors Automation Solutions, Belagavi to create an excellent opportunity for utilization of their laboratories and Training to the students and skill development like Hackathon for corporate experience and pre-joining training before they start their new journey in Corporate World. The MoU will further enhance the pool of talent transformation in the field of emerging technologies like Cloud computing Infrastructure services. 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 the college will become a job provider than a job seeker.

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

Institute ensures appropriate integration of Indian knowledge system by following the CBCS scheme set up by Parent University. Students are encouraged to do MOOCs courses on Values and ethics. 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 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 to cross-cutting issues like 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.

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

The objectives set out in the NEP 2020 on OBE are Competency, standard, benchmarks, and attainment of targets. In addition to this, the OBE incorporates three elements, (i) Theory ofEducation, (ii) Systematic Structure of Education, and (iii) specific approach to instructional practice. 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 apprenticeship 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.In addition to conventional teaching and learning, Skill-based Training is imparted for First/Second/Third year students of all branches for enhancement of professional skills of the students in the emerging area of technologies such a way that students can fulfil professional assignment afterwards. The Course Outcomes(COs) are also aligned to the Program Outcome / Program Specific Outcome / Program Education Objective (PO-PSO-PEO) philosophy and outcome evaluation conducted course wise as well as at the program level.

20.Distance education/online education:

During the Covid pandemic, online classes were conducted very effectively by all the faculty members 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.

Extended Profile

1.Programme

1.1 Number of courses offered by the institution across all programs during the year	**275**

File Description	Documents
Data Template	View File

2.Student

2.1 Number of students during the year	**610**

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2	**240**
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	**View File**

2.3	**161**
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	**View File**

3.Academic

3.1	**68**
Number of full time teachers during the year	

File Description	Documents
Data Template	**View File**

3.2	**58**
Number of sanctioned posts during the year	

File Description	Documents
Data Template	**View File**

4.Institution

4.1	**31**
Total number of Classrooms and Seminar halls	

4.2	**68.82**
Total expenditure excluding salary during the year (INR in lakhs)	

4.3	**361**
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 is affiliated to Visvesvaraya Technological University (VTU), Belagavi, Karnataka. All efforts are made to ensure effective curriculum delivery and well documentation of all plans and activities. Normally, Odd semester commences in the month of August and Even semester commences in the month of February. Academic activities are conducted in well spaced and ventilated class rooms with modern teaching equipments like LCD projectors .At the end of every semester workload distribution is done based on expertise and choice of faculty. In line with the University academic calendar the institute COE is prepared for every semester indicating the academic and other activities planned. Before the commencement of the semester the Time-table of all departments is prepared and displayed one week in advance. The course plan of each subject is prepared by teachers which include syllabus, course outcomes, course perquisites, course delivery plan.Laboratory manuals are prepared for each laboratory. Theory Internal Assessments (IA) are conducted in each semester centrally and Laboratory IAs are conducted department wise. Student's performance in the Internal Assessment and percentage of attendance after every Internal assessment is communicated to parents through SMS. Counseling of poor performer students is done by respective subject teacher and also done at department level. Mentoring is done on regular basis and nearly 10-15 students are allocated for every mentor teacher. Industry persons and expert academicians are invited for special lectures/talks to augment curriculum delivery. Feedback on teaching learning process is collected from students and analyzed for improvement. twice in a semester.

File Description	Documents
Upload relevant supporting document	No File Uploaded
Link for Additional information	https://www.hsit.ac.in/NAAC/C1/2020-21/1.1.1.pdf

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 and published before the commencement of the semester by IQACafter discussing the activites with HOI and HODs. All the activities that are to be planned are included in the COE. Commencement of semester, the Three Internal assessments Tests and Lab Internal Assessment tests dates are included in the COE. Theory Internal Assessments (IA) are conducted in each semester centrally and Laboratory IAs are conducteddepartment wise in line with the dates mentioned in the COE. But during COVID-19 Pandemic some of the activities are carried out by online mode. Feedback on Teaching Learning Process was collected for the A.Y 2020-21. All the national Festivals were celebrated. Celebration of Teachers Day, Engineers day ,Mahatma Gandhi Jayanti, Karnataka Rajyotsava,Covid-19 Health Check up Camp were carried in accordance to the institute Calendar. Project Exhibition was organized for final Semester students. Dates of important events are reminded to concerned students through Institute/Department notice boards & by sending Messages through respective class whatsapp groups . Rescheduling of certain activity dates were made due to changes in certain aspects & were intimated to students,faculty members by sending messages.Semester End Examinations are conducted as per University schedule from time to time.

File Description	Documents
Upload relevant supporting document	No File Uploaded
Link for Additional information	https://www.hsit.ac.in/NAAC/C1/2020-21/1.1.2.pdf

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	View File
Any additional information	View File

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

06

File Description	Documents
Any additional information	**No File Uploaded**
Minutes of relevant Academic Council/ BOS meetings	View File
Institutional data in prescribed format (Data Template)	View File

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)

06

File Description	Documents
Any additional information	**No File Uploaded**
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

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

576

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

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

Gender related initiatives:

For prevention and prohibition of sexual harassment at work place and women's grievances, institute has Women Empowerment Cell to address the sensitive issues regarding the student's rights and security. Equal opportunities are provided to both genders in terms of Employment, Training programmes, Both girls and boys participate in various co-curricular activities.

Environment & Sustainability:

Students study a compulsory course on Environmental Studies as a part of VTU curriculum. This addresses awareness related to environment issues. Students are inspired to resolve the issues related to environment through their projects. Energy conservation,Covid-19 RTPCR test Awareness were organized by NSS Unit.

Human values and Professional Ethics:

Many programs have been organized by Institution from eminent personalities in association with other organizations to make our students better citizens.. Institute regularly celebrates Birth anniversary of great personalities meaningfully and has arranged COVID-19 RTPCR test in association with NSS Unit , etc. In order to ensure holistic development of the students, VTU has incorporated the course" Constitution of India, Professional Ethics & Cyber Law" in the curriculum. Celebration of Voters day ,world cancer day were organized by NSS unit.

File Description	Documents
Any additional information	**No File Uploaded**
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

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

275

File Description	Documents
Any additional information	**No File Uploaded**
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

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

345

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution	**A. All of the above**

from the following stakeholders Students Teachers Employers Alumni

File Description	Documents
URL for stakeholder feedback report	https://www.hsit.ac.in/NAAC/NAAC-FEEDBACK-ANALYSIS-ACTION-2020-21.pdf
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	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	https://www.hsit.ac.in/NAAC/NAAC-FEEDBACK-ANALYSIS-ACTION-2020-21.pdf

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 students admitted during the year

610

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

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

139

File Description	Documents
Any additional information	**No File Uploaded**
Number of seats filled against seats reserved (Data Template)	[View File](#)

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

- **Institute admits diversified students from different social and economic backgrounds. The ability and extent of learning of the students is highly influenced by their personal abilities and other attributes. Institute has developed a structured mechanism for assessing the learning levels of the students**
- **The first interaction occurs during the mandatory AICTE Induction Programme. Mentees' learning ability is identified by the Mentors based on their academic performance, behaviour, social and psychological aspects during the individual interaction session. The first IA test process helps the subject teacherto identify Slow and Advanced Learners.**

Slow learners

- **Tutorial and remedial classes are conducted to improve the academic performance.**
- **Mentor will monitor the overall progress and provide necessary help.**
- **Mentor put efforts to improve the basic skills**
- **All necessary emotional and professional counseling is also provided whenever required.**
- **The mentor also connects the weak learners with the subject teachers with whom they are comfortable for extra support.**
- **During the ONLINE classes due to COVID Guidelines; videos of online classes are made available to students all the time.**

Advanced learners

- **Advanced learners are constantly guided and encouraged for participation in various competitions.**
- **The mentors identify their interest and talent in various**

domain and then guide & motivate them.
- **Students are encouraged to participate in National and International Level events like paper presentation, poster presentation etc.**
- **The toppers of each class are appointed as Class Representatives**
- **They are given the opportunity to participate in Hackathons, Paper Presentations, Project Competitions with financial support.**
- **The college has introduced merit scholorships andprizes for students**

File Description	Documents
Paste link for additional information	https://hsit.ac.in/NAAC/C2/2020-21/2.2.1.pdf
Upload any additional information	View File

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

Number of Students	Number of Teachers
610	**68**

File Description	Documents
Any additional information	**No File Uploaded**

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 is practicing various student centric learning methods to enhance their learning ability, these include: seminars, mini projects, paper presentations, poster presentations, etc.Experiential learning:Students are allowed to conduct experiments independently during practical sessions. Mini projects at third year level and major projects at final year level will help in imparting the required technical skills to the students and project exhibitions are being organized to showcase their skills. All the Students will go through internships in industries. Participative learning:To enable participative learning the students are motivated to participate in co-curricular activities like Quiz competitions, paper presentations,

technical seminars, webinars, poster presentations and extracurricular activities like rangoli competition, cooking without fire, pick and speak, Essay writing etc. Student development programs and workshops are conducted to enhance the learning capabilities of the students. Every classroom is provided with projector and internet facilities (Videos, NPTEL) to enhance their knowledge.Problem solving:Students are motivated to take part actively in AICTE sponsored Hackathon every year, National level Project exhibition, and Unnat Bharat Abhiyan to enhance the problem-solving ability.

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional information	https://hsit.ac.in/NAAC/C2/2020-21/2.3.1.pdf

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

Faculty combines technology with traditional mode of instruction for an effective teaching-learning process. Faculty use power-point presentations in their classroom teaching by using projectors. But, due to COVID-19 pandemic, the mode of teaching has been changed to online/e-learning, whereby teaching is undertaken remotely by using digital platforms. Faculty have engaged the online classes by using Google Meet/Zoom platform and conducted online quiz for students through digital platforms. Recordings of video lectures are made available to students for long term learning and future referencing. Along with classrooms, Seminar halls & laboratories are digitally equipped where guest lectures, expert talks and various hands-on sessions are regularly organized for students.

File Description	Documents
Upload any additional information	No File Uploaded
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

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

65

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

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

68

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	View File

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

09

File Description	Documents
Any additional information	No File Uploaded
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)	View File

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

677

File Description	Documents
Any additional information	**No File Uploaded**
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<u>View File</u>

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 schedules of IA tests are communicated to students and faculty in the beginning of the semester through institute academic calendar. The IA time table is displayed on the noticeboard a week in advance. Scheduling of IA, preparing seating arrangements, listing of room invigilators is carried out centrally.Questions are framed, in line with VTU Question paper format. It follows the revised blooms taxonomy and outcome-based education in which COs are attained and learning level is assured. There are 5 COs for each subject. The first internal test QP is prepared which covers two COs, second internal test covers next two COs and third internal test covers remaining one CO.Department module coordinator, under the guidance of HOD, checks the standard of the QP. QPs are handed over to the IA coordinator of the department on the day of test, after approval from the HOD in a sealed cover. CCTV cameras are deployed at all class rooms, exam cell and laboratories to monitor the examinations. Internal squad comprising of senior faculty oversees the smooth and fair conduction of IA theory examination.IA marks and attendance status is informed to parents through SMS within a week of conclusion of IA test.

File Description	Documents
Any additional information	**No File Uploaded**
Link for additional information	<u>https://hsit.ac.in/NAAC/C2/2020-21/2.5.1.pdf</u>

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

```
1. After evaluation of the IA test, answer sheets are distributed
to the students in the class for queries if any. They may raise
their grievances regarding the marks awarded to them with the
concerned faculty.

2. In rare cases if discrepancies are noticed in the marks awarded
to students, then corrective actions are taken by HOD. These
corrective actions are normally re-evaluationof answer sheets.

3. For laboratory courses, day to day performance of the students
is assessed for every experiment which includes regularity,
performance, viva and the promptness in submitting the record.

4. For lab courses, the marks/grade scored by the student for each
experiment is indicated in the record. The independent learning,
practical approach to the real-time applications is tested by viva
voce for laboratory courses.

5. For the quality of the projects, the evaluation is done by
Project Review Committee along with the project guides.

6. Parents are informed about their ward's performance through
SMS. Students are counseled by the faculty mentor, and remedial
classes are conducted for students who have failed in the
examinations.
```

File Description	Documents
Any additional information	**No File Uploaded**
Link for additional information	[00](#)

2.6 - Student Performance and Learning Outcomes

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

```
Program Outcomes (POs), Program Specific Outcomes (PSOs) and
Course Outcomes (COs) for all programs are well stated and
displayed through:Institute websiteStudent Induction
programmeStaff Induction programmeDisplay boards in all corridors
of Departments and LibraryDepartment notice boardsCourse plans,
laboratory manuals, newsletters, faculty dairy, assignment and IA
books (blue books).
```

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for Additional information	https://hsit.ac.in/CO.php
Upload COs for all Programmes (exemplars from Glossary)	View File

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

Course Outcomes (COs) of every course is assessed with respect to the set attainment as per Revised Blooms Taxonomy (RBT) level. The attainment level is set based on the students performance in the internal / university examination reflected in the result analysis of last three years. Attainment is measured in terms of actual percentage of students getting a set percentage of marks. If targets are achieved, then all the course outcomes are attained for the year of evaluation and the program is expected to set higher targets for the subsequent years as a part of continuous improvement. If the set targets are not achieved, then the program should put an action plan to attain the target in subsequent years. Course outcomes are measured based on the individual marks obtained by the students against the maximum marks. Course Co-ordinator will set a target to achieve. If entire class crosses this target, the particular CO is attained. This process is carried out for the entire class and final CO (Course Outcome) attainment will be measured for the particular examination. To calculate the CO attainment for a particular course in the semester end examination, target is set for the course. If number of students gets marks more than this target then CO is attained. The courses are mapped with their relevant Program Outcomes (POs) & Program Specific Outcomes (PSOs) and their attainment is also measured. All calculations and the attainments are evaluated using the in-house developed tool FCAR (Faculty Course Assessment Report).

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	**Nil**

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

`151`

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	https://hsit.ac.in/NAAC/C2/2020-21/Annual-Report-2020-21.pdf

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/C2/2020-21/2.7.1-SSS-Analysis-Report-2020-21.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)

`0.5`

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

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

3.1.2.1 - Number of teachers recognized as research guides

`06`

File Description	Documents
Any additional information	[View File](#)
Institutional data in prescribed format	[View File](#)

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

3.1.3.1 - 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)	[View File](#)
Any additional information	[View File](#)
Supporting document from Funding Agency	[View File](#)
Paste link to funding agency website	https://unnatbharatabhiyan.gov.in:8443/new-website/

3.2 - Innovation Ecosystem

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

The institution has five research centers,recognized by Visvesvaraya Technological University-(VTU), Belagavito create research and innovation ambience in the campus. The Vision Group on Science and Technology (VGST), Ministry of IT-BT, GoK has catalyzed and promoted to establish "Alternative Fuel laboratory, Simulation and Coding laboratory and Aerodynamic Laboratory" for research and innovation.The industry collaborative laboratories such as BOSCH's-Skill-Development and Tech-Fortune's Robotics and Automation laboratories have been established for knowledge transfer and to facilitate innovations. The Project laboratories have been established in each department to incubate the ideas of staff and students and to convert them to project or product. The institute has 17 functional MoUs with various industries for

knowledge transfer.

The e-Yantra embedded system and robotics laboratory has been established in collaboration with IIT Bombay, NMEICT-MHRD-New-Delhi to develop innovative projects. The college has entered e-consortium with VTU for online subscription of scientific journals published by Elsevier, Taylor & Francis, Springer, IEEE-Xplorer and IETE. The institute has initiated the Prime minister flagship program "Unnat-Bharat-Abhiyan", under whichvillage and household surveys are conducted and the institute level Subject Expert Group members (SEGs) have prepared and submitted 8 project proposals for Technology-Customization and Technology-Development infive adopted villages.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	[https://www.hsit.ac.in/NAAC/C3/2020-21/3.2.1-Ecosystem-for-Innovation-Knowledge-creation-Transfer.pdf](#)

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

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

03

File Description	Documents
Report of the event	[View File](#)
Any additional information	**No File Uploaded**
List of workshops/seminars during last 5 years (Data Template)	[View File](#)

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

02

File Description	Documents
URL to the research page on HEI website	https://hsit.ac.in/research.php
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

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

36

File Description	Documents
Any additional information	**No File Uploaded**
List of research papers by title, author, department, name and year of publication (Data Template)	View File

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

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

13

File Description	Documents
Any additional information	**No File Uploaded**
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

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

The institute is regularly facilitating to conduct activities on "Universal-Human-Values" and to organize expertise talks on relevant social issues. Students and staff members are

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" etc.

The institute has adopted five villages: 1.Nidasoshi, 2.Ammanagi, 3.Kesti, 4.Borgal 5.Hattarwat for holistic development through technological intervention between Gram Panchayat and institute under the Prime minister flagship program "Unnat-Bharat-Abhiyan". The village and household surveys are conducted in the adopted villages by the student and staff volunteers. The Panchayat Development Officers (PDOs) and surveyors/volunteers prepared analysis reports of issues/recommendations/problems/suggestions and are discussed in the UBA meetings. The institute level Subject Expert Group members/volunteers (SEGs) prepared 8 project proposals for Technology-Customization and Technology-Development for the adopted villages and are submitted to the SEG-UBA for further approval /sanction.

The participation of students and staff in the above said extensive activities leads to national interest paradigm shifts and insights such as 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 6.Increased Patriotism and oneness culture 7.Cost and environmentally conscious mindsets.

File Description	Documents
Paste link for additional information	https://www.hsit.ac.in/NAAC/C3/2020-21/3.4.1-Impact-of-Extension-Activities.pdf
Upload any additional information	View File

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

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

08

File Description	Documents
Any additional information	**No File Uploaded**
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	View File

3.4.3 - 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

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

41

File Description	Documents
Reports of the event organized	View File
Any additional information	View File
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

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

610

File Description	Documents
Report of the event	View File
Any additional information	View File
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

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

182

File Description	Documents
e-copies of related Document	View File
Any additional information	**No File Uploaded**
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

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

14

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

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 20 classrooms, 07 tutorial rooms and 04 seminar halls equipped with ICT facilityfor effective teaching-learning process. The institute has a policy for creation and enhancement of infrastructure depending on the requirements of any change in the curriculum, student admission and introduction of any additional courses. The budget for this requirement is prepared in consultation with Heads of the Department, Principal and the proposal is subsequently submitted to the Governing Council and Board of Management for approval. Once it is approved, the same is implemented with the help of competent authority in the concerned area. As per the guidelines of AICTE, along with available computing facilities, Institute encourages students and staff to use open source software. The Institute has 36Mbps leased line internet connection with 1:1 contention ratio from the BSNL, Belagavi and 361computers are on internet through LAN as well as secured Wi-Fi with 36Hotspots spread across campus including all the hostel premises.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://hsit.ac.in/facility.php

4.1.2 - 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. Exclusive infrastructure of 400m track 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. The Institute has separate Yoga center with meditation and Multi Gymnasium of 1331 sq mtrs with state-of-the-art equipments for all the stake holders. The Institute has cultural coordinator to promote the cultural activities in the institute and motivate students to participate in University/State/National level competitions. The institute provides financial assistance for all sports and games. Sports equipments of higher standard are provided generously. The outstanding performers in sports, games and cultural activities are honored and rewarded on the Institute's graduation/annual day.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	**Nil**

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

24

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

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)

21.09

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template	View File

4.2 - Library as a Learning Resource

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

The library is fully automated using Integrated Library Management System (ILMS) computerized with e-LIB, 16.2 version (2017)

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. The library is equipped with 38328 volumes, 9853 titles housed in the area of 528 sq mtrs with seating capacity of 150 students.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 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	View File
Paste link for Additional Information	https://hsit.ac.in/library.php

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)	View File

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)

6.44

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

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

54.37

File Description	Documents
Any additional information	View File
Details of library usage by teachers and students	View File

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 to ensure efficient functioning. Institute upgrades the IT facilities as per the requirements and the norms prescribed by AICTE and University time to time. In session 2020-21, 40 new desktop systems with latest Configurations (i7 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 statutory bodies along 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 and phone system was established in all the
class rooms, Seminar/Conference halls and open areas.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.3.2 - Number of Computers

361

File Description	Documents
Upload any additional information	No File Uploaded
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution	B. 30 - 50MBPS

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

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)

45.76

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

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	**No File Uploaded**
Paste link for additional information	https://hsit.ac.in/NAAC/C4/2020-21/4.4.2-Procedure-for-Maiantenance.pdf

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

381

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
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)	View File

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

00

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)	View File

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	: https://hsit.ac.in/NAAC/C5/2020-21/5.1.3 /Capacity-building-and-skills-enhancement- initiatives.pdf
Any additional information	**No File Uploaded**
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

610

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

610

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)	View File

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	View File
Upload any additional information	**No File Uploaded**
Details of student grievances including sexual harassment and ragging cases	View File

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

91

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	**No File Uploaded**
Details of student placement during the year (Data Template)	View File

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

06

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	**No File Uploaded**
Details of student progression to higher education	View File

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

`00`

File Description	Documents
Upload supporting data for the same	**No File Uploaded**
Any additional information	**No File Uploaded**
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	<u>View File</u>

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.

`02`

File Description	Documents
e-copies of award letters and certificates	<u>View File</u>
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)	<u>View File</u>

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.

Presence of Student Council:

The role of Student Council at the Institute level is to contribute in planning and executing technical, social, techno-social, sports and cultural activities initiated by the institute.It acts as a bridge between Institute administration and students.

Student Council has following composition:

1. General Secretary
2. Sports Secretary
3. Cultural Secretary
4. Ladies Representative
5. Technical Secretary
6. NSS Secretary
7. All Class Representatives

1. Anti-Ragging Committee: College Anti-Ragging Committee headed by Principal, HOD's 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. NSS: HSIT has active NSS cell which in collaboration with VTU, Belagavi organizes various activities. 100+ NSS volunteers are actively involved in the activities.

3. 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.

4. Hostel and Mess Committee: The Committee including students is formed to check the quality of the food and facilities provided in the hostel for the student residing in Hostel and availing Mess facility.

File Description	Documents
Paste link for additional information	https://hsit.ac.in/NAAC/C5/2020-21/5.3.2/5.3.2-Supporting-Documents.pdf
Upload any additional information	**No File Uploaded**

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

1

File Description	Documents
Report of the event	View File
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)	View File

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 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	https://hsit.ac.in/hitalumni/index.php
Upload any additional information	View File

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

File Description	Documents
Upload any additional information	View File

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 as 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. Shivalingeshwara Mahaswamiji of Siddha Saunsthan Math, Nidasoshi, purely on charity basis.HisHoliness.Mahaswamiji of Siddha Saunsthan 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 aperiod of 5 years. The advisory committee provides quality inputs and suggestions for the administration of theTrust/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 membersTwo 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	https://hsit.ac.in/aboutsjpn.php
Upload any additional information	No File Uploaded

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 time table,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	https://hsit.ac.in/coldoc/organization-chart.pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

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Important strategies developed and deployed are:

1. To establish the Centre of excellence in the respective area by
signing MOUs with reputed industries/Organizations.

2. Establishing and developing Incubation Centre to guide and
support the prospective entrepreneurs.

3. Moving from affiliated institute to autonomous Institution in
down three years.

4. Preparing for listing in National Institutional Ranking
Framework (NIRF).

5. Moving from autonomous institution to university status in next
six years.

6. Emphasizing on gender sensetisation issues and encouraging
women education aggressively in rural area and promoting 50% of
girl enrollment in HSIT.
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File Description	Documents
Strategic Plan and deployment documents on the website	[View File]()
Paste link for additional information	[https://www.hsit.ac.in/NAAC/C6/2020-21/6.2.1-Strategic-Plan.pdf]()
Upload any additional information	[View File]()

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

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The President & Advisory Committee:

His. Holiness. Shriman Niranjan Pancham Shri. Shivalingeshwara
Mahaswamiji 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 to day functioning. The flow of administrative
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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 procurement of lab equipment, funding seminars, workshops, departmental expenditure.

Head of the Department:

Decisions pertaining to academic matters are decentralized to a large extent. Allotment of subject, workload, monitoring of syllabus coverage, planning and organizing seminars Guest lectures, Workshops,Industrial tours,Staff orientation programs,Remedial sessions, Personality development programs, Project works etc. are also organized as per the instructions of the HOD.

Appointment of Staff Members:

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

File Description	Documents
Paste link for additional information	https://hsit.ac.in/coldoc/HIT-SERVICE-RULES.pdf
Link to Organogram of the institution webpage	https://hsit.ac.in/coldoc/organization-chart.pdf
Upload any additional information	No File Uploaded

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination	C. Any 2 of the above

File Description	Documents
ERP (Enterprise Resource Planning)Document	**No File Uploaded**
Screen shots of user inter faces	View File
Any additional information	**No File Uploaded**
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

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 Co-operative 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	<u>View File</u>

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

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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)	<u>View File</u>

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

11

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	**No File Uploaded**
Reports of Academic Staff College or similar centers	**No File Uploaded**
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

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

54

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	**No File Uploaded**
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

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

1. Teaching Staff:

The institute maintains well documented Service rule book, which is provided to every staff at the time of appointment. Service

book is maintainedwhich 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. Then the Principal and Secretary of Trust in presence of respective HOD invites the concerned faculty to support/defend his/her scores in the annual self-assessment report. Based on the score suitable action of promotions, demotions and award/reward are decided. The effective date of assessment for appraisal is 1st October to 31st November of every year.

1. 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	View File

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. Every department/section make their plansbased on the key requirements (work items) as defined in the institutional processes as well as the goals set for the year. Institute is required to use the financial resources against the budget provision and financial power given to the Principal.

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 in-charges 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 expenditute incurred on all heads of accounts are read and approved in the monthly meeting of Advisory Committee meeting of the Trust.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	[View File](#)

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)

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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)	[View File](#)

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 to day 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	**No File Uploaded**

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

IQAC of the institute is contributing significantly towards quality education and inculcating quality culture among the students and staff. The IQAC has also contributed towards institutionalizing the quality assurance strategies and developed various processes like

1. Promote industrial training, industrial visits, workshops, and guest lecturers from industry experts, MOUs, etc.

2. Implementation of Outcome-based learning education in each program.

3. Gate coaching and soft skill classes for students to enhance personality and employability.

4. Conducting quality programs like seminars, webinars, guest lectures, conferences, etc.

5. Establishment of various processes to take feedback/surveys from various stakeholders.

6. To implement and enhance the use of ICT tools to strengthen the teaching-learning process.

7. Establishment of the Mentor-mentee process and its effective implementation.

8. To make best efforts to make the campus ragging-free and develop the discipline in the students and establishment of grievance redressal cell to resolve their grievance it may related to admission, academics and scholarship etc.

Two practices institutionalized as a result of IQAC initiatives are mentioned.

- ○ **KFIST Level (1) project under the VGST Scheme**

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" is sanctioned Financial Year 2017-18 and the total project grant award for a period of 2 years is Rs.20.00 lakhs, which will be released annually @ Rs.10.00 lakhs based on the progress of work.

Electronics and communication department's project titled "Coplanar Capacitive Coupled Probe Fed Microstrip Antennas with and without Air Gap for UWB and Multiband Applications" was released the grant of Rs 10.00 lakhs for 1"t Installment in the FY 2077-18 (Cheque no 384883D1 1010912018).

The second installment of the project applied under KFIST Level1 of 10 Lakh procurement is in process.

- ○ **AICTE Sponsored STTP on "Battery Management and Control Techniques in EVs"**

Electrical and Electronics Department has received a grant of Rs.2,93,333/- from AICTE New Delhi for conducting 6 days short term training program (STTP) forthe faculty of AICTE affiliated engineering colleges. The title of the STTP was "Battery Management and Control Techniques in EVs" organized during Phase-1: 23rd to 28th Nov. 2020, Phase-2: 7th to 12th Dec. 2020 and Phase-3: 14th to 19th Dec. 2020.

File Description	Documents
Paste link for additional information	https://www.hsit.ac.in/NAAC/C6/2020-21/6.5.1-VGST-FUND-AICTE-STTP.pdf
Upload any additional information	View File

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), courseoutcomes (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, this helps in improving the overall development of students and in turn employability percentage.

The IQAC improve the teaching-learning process through standard academic practices, these academic practices include:

1. Preparation and adherence of Academic Calendar

2. Guiding to make right choice of open/professional Electives and department level.

3. Mentor-Mentee distribution and interval counseling plan

4. Course Delivery (Online / Offline class)

5. Conduction of Seminar, Projects, Industrial Training

6. Monitoring of class delivery

7. Attendance Monitoring of students

8. Syllabus coverage

9. Setting up the internal question papers and assignments as per Revised Bloom's Taxonomy (RBT) and their scrutiny and verification by assigned module coordinators for engineering program streams

10. Conduction of internal examinations

11. Evaluation of Internal test answer scripts as per prepared scheme of evaluation

12. Identifying Slow and advanced learners

13. Industrial Visits & Guest Lectures.

File Description	Documents
Paste link for additional information	https://hsit.ac.in/NAAC/Feedback-on-Teaching-Learning.pdf https://hsit.ac.in/NAAC/NAAC-FEEDBACK-ANALYSIS-ACTION-2020-21.pdf
Upload any additional information	**No File Uploaded**

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)	**B. Any 3 of the above**

File Description	Documents
Paste web link of Annual reports of Institution	https://hsit.ac.in/NAAC/C2/2020-21/Annual-Report-2020-21.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

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

Both boys and girls are given equal opportunity in all the matterrs of institution academics and administrative activities. General secretary (Boy) andGeneral secretary (Girl) are nominated among final year students.

Best Girl and Best Boy award is instituted to recognise and honor themeritorious students of final year. Genral championship is awarded to boys and girls seperately in all the sports organized by the institute.

To ensure safety and security, in Girls' hostel, a full time Warden and security guards are provided on shift-wise. CCTV cameras are installed at strategic locations on the campus. Anti Sexual Harassment and Grievance Redressal cell is established in the institutionto monitor and address safety, security and social issues. Residential doctor is oppointed for regularhealth issues of boy's and girl's students.

The Institute provides academic, stress-related personal counseling and guidance to male and female students in mentor-mentee meetings regularly. Separate Common rooms are provided for girls with necessary facilities like first aid box, rest room, cots, beds, mirror, chair, table, dustbin, sanitary napkin vending and Incinerator machine etc. International Women's Day was celebrated on 8th March 2021 and the Rangoli Competition was conducted on 10th April 2021.

File Description	Documents
Annual gender sensitization action plan	https://www.hsit.ac.in/NAAC/C7/2020-21/7.1.1-Annual-gender-sensitization-Action-Plan.pdf
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	https://www.hsit.ac.in/NAAC/C7/2020-21/7.1.1-Specific-facilities-provided-for-women-on-campus.pdf

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	B. Any 3 of the above

File Description	Documents
Geo tagged Photographs	View File
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. The Wet food/ kitchen waste collected in dustbins are dumped in biogas plant; also some of the bio waste is send to Goshala. Paper and wooden materials etc is systematically managed and they are given for recycling.

Liquid waste Management: Liquid waste generated in the institute is taken out through the pipeline, treated in septic tanks and disposed into soak pits. The institute has implemented the Biodigester technology 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 venders 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	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus	A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
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**	A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	No File Uploaded

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	C. Any 2 of the above

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File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	**No File Uploaded**
Certification by the auditing agency	**No File Uploaded**
Certificates of the awards received	<u>View File</u>
Any other relevant information	<u>View File</u>

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	<u>View File</u>
Policy documents and information brochures on the support to be provided	**No File Uploaded**
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).

The 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 days 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)	View File
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

To inculcate the constitutional obligations, values, rights, duties and responsibility in both staff and students, HIT has organized the various activities like constitution day, voter's day and republic day.

Institute celebrated 71th Constitution Day function by organizing, activities highlighting the importance of Indian Constitution on 26/11/2020 for all staff and students. On this occasion NSS Program Officer has dictated the oath of Constitution preamble to all the staff and students. Principal sir appealed to all to read once understand rights given by our constitution for human dignity ,equality, Social justice ,Human rights and freedom ,Rule of law ,equity and respect and superiority of constitution in the national life .

As a part of strengthening the democratic values, NSS Unit has organized a Voters Day Celebration Function on 25/01/2021 to all staff and students. On this occasion Principal Dr. S. C. Kamate explained the significance of voting and NSS Program Officer dictated the voter's day pledge to all the staff and Students.

Institute celebrated 72nd Republic Day on 26/01/2021. Function

started with flag hosting by Principal Dr. S. C. Kamate. After the flag hosting some students gave speech on purpose of celebrating Republic Day function concluded with address by Principal.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://www.hsit.ac.in/NAAC/C7/2020-21/7.1.9-Details-of-activities-that-inculcate-values.pdf
Any other relevant information	Nil

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 4. Annual awareness programmes on Code of Conduct are organized	A. All of the above

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	No File Uploaded

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 74th Independence Day on 15th August 2020, 76th Birth Anniversary of Rajiv Gandhi i.e Sadbhavana Diwas on 20th August 2020, 53rd Birth Anniversaries of Dr. Sarvapalli Radhakrishnan i.e Teacher's Day on 5th September 2020, A tribute to Indian Engineer Bharat Ratna Sir Mokshagundam Visvesvaraya i.e. Engineer's Day on 15th September 2020, 151st Mahatma Gandhi and 116th Lal Bahaddur Shastri Jayanti on 2nd October 2020, 64th Karnataka Rajyostava Day on 1st November 2020, 71st Constitution Day on 25th November 2020, Voters Day on 25th January 2021, 72nd Republic Day on 26th January 2021, World Cancer Day on 4th February 2021, International Women's Day on 8th March 2021, 130th Ambedkar Jayanti on 14th April 2021.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
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:

Title: "Talent Hunt 2021", a State level Science project Exhibition and competition for PUC/12th science students.

Objectives:

1. To encourage students' talent.

2. To provide platform for interaction.

3. To build confidence towards higher studies.

The Context:

To develop curiosity and innovativeness among students through

student projects and motivating for higher education.

The Practice:

The "Talent Hunt 2021" is organized for PUC/12th science students across Karnataka, Maharashtra and Goa states. The student participants exhibited their projects on various fields of science, viz, Chemistry Environment, Physics etc. The students projects were assessed on idea presentation, work perfectness by the invited Judges. Winners were suitably awarded.

Evidence of Success:

In the event, 9 PUC/12th Science College and around 84 students across the state have Participated and prizes more than Rs.26,500 were distributed. The event was succeeded in igniting the PUC/12th Science students to opt higher education.

Problems encountered and Resources required:

Overlapping of Academics of Engineering and PUC/12th exam was major problem. Required resources are Well-equipped labs, ICT class rooms/campus, Manpower, Accommodation, Boarding.

Best Practice II:

Title: "Soft-loan through Employees Cooperative Credit Society".

Objectives:

1.To provide the financial support with minimal rate of interest to the needy and poor employees in critical conditions.

2.To reduce the financial imbalance among the employees for self-development.

The Context:

In the view of economical upliftment of poor employees, the said society is necessary.

The Practice:

The "Employees Cooperative Credit Society" has been established in the year of 2007 with 123 members by paying Rs.10 as a membership

fee. The every member will deposit minimum amount from their salary on monthly basis. Based on the request of the applicants, the loan will be sanctioned.

Evidence of Success:

The dividend will be shared among all members every year. Evidence of Success: In the 2020-21 financial year about 60 needy employees with loan amount of Rs. 65,90,491/- have been benefited by this practice.

Problems encountered and Resources required:

The problem of every month amount requirement of needy employee will be resolved on the basis of humanity and compassion.

The resources required:

One exclusive accountant, Computer System, Stationery and Space.

File Description	Documents
Best practices in the Institutional website	https://www.hsit.ac.in/NAAC/C7/2020-21/7.2-Best-practices-in-the-Institutional-web-site.pdf
Any other relevant information	Nil

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

Institutional Distinctiveness

The very purpose of the institute is imparting technical education with holistic approach to the rural youth. Purpose of Financial Assistance scheme is to provide financial assistance to meritorious students. This Scheme is applicable to all the regular students of HSIT fulfilling set criteria. Process: Students at the time of admission will pay fees as prescribed by CET/COMEDK/Management. After the announcement of university results, the students passed in First Class/FCD will submit an application to the Principal for sanction of scholarship. After scrutiny of applications, based on merit in the descending order,

scholarships/financial assistance of Rupees from 5000/- to 20000/- are awarded every year. In view of COVID-19 situation all the students are promoted to next higher class without University examination. Therefore for the academic 2020-21this scholarship has been not awarded to students.

Group Insurance facility is provided to all the students and faculty. The claim is paid out to the guardian or parent of an affected student/staff. 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. Policy remains in force for a period of 12 months.

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	**No File Uploaded**

7.3.2 - Plan of action for the next academic year

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 and 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.