



YEARLY STATUS REPORT - 2022-2023

Part A

Data of the Institution

1.Name of the Institution	HINDUSTHAN INSTITUTE OF TECHNOLOGY
• Name of the Head of the institution	Dr. C. Natarajan
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	04224242477
• Alternate phone No.	9789678833
• Mobile No. (Principal)	9994630696
• Registered e-mail ID (Principal)	hitprincipal@hindusthan.net
• Address	Valley Campus, Pollachi Highway, Othakkalmandapam (Po).
• City/Town	Coimbatore
• State/UT	Tamilnadu
• Pin Code	641032

2.Institutional status

• Autonomous Status (Provide the date of conferment of Autonomy)	04/12/2019
• Type of Institution	Co-education
• Location	Rural

• Financial Status	Self-financing
• Name of the IQAC Co-ordinator/Director	Dr. S.R.Rajabalayanan
• Phone No.	04224242477
• Mobile No:	9443924797
• IQAC e-mail ID	iqac@hit.edu.in
3.Website address (Web link of the AQAR (Previous Academic Year)	http://hit.edu.in/pdf/AQAR%2021-22.pdf
4.Was the Academic Calendar prepared for that year?	Yes
• if yes, whether it is uploaded in the Institutional website Web link:	http://hit.edu.in/AQAR%202022-2023/Acedemic%20Calender%202022_2023.pdf

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.03	2016	25/05/2016	24/05/2021
Cycle 2	A	3.03	2021	25/05/2021	31/12/2025

6.Date of Establishment of IQAC**12/06/2015****7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?**

Institution/ Department/Faculty/Sch ool	Scheme	Funding Agency	Year of Award with Duration	Amount
Hindusthan Institute of Technology/Aeronautical Engineering	Research Seed Money	Hindusthan Educational and Charitable Trust	22/11/2022	300000
Hindusthan Institute of Technology/Computer Science and Engineering	Research Seed Money	Hindusthan Educational and Charitable Trust	22/11/2022	600000
Hindusthan Institute of Technology/Electronics and Communication Engineering	Research Seed Money	Hindusthan Educational and Charitable Trust	22/11/2022	650000
Hindusthan Institute of Technology/Mechanical Engineering	Research Seed Money	Hindusthan Educational and Charitable Trust	22/11/2022	300000
Hindusthan Institute of Technology/Information Technology	Research Seed Money	Hindusthan Educational and Charitable Trust	22/11/2022	150000
Hindusthan Institute of Technology/BA - Master of Business Administration	Research Seed Money	Hindusthan Educational and Charitable Trust	22/11/2022	100000
Hindusthan Institute of	Research Seed Money	Hindusthan Educational	22/11/2022	200000

Technology/ SCHU		and Charitable Trust		
Hindusthan Institute of Technology/ Electronics and Communication Engineering	Research Project	TNSCST	03/03/2023	7500
Hindusthan Institute of Technology/ Electronics and Communication Engineering	Research Project	Institution of Electronics Engineers India (IEI)	23/03/2023	22000

8. Provide details regarding the composition of the IQAC:

<ul style="list-style-type: none"> Upload the latest notification regarding the composition of the IQAC by the HEI 	View File	
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9. No. of IQAC meetings held during the year

9		
<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website? 	Yes	
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded	

10. Did IQAC receive funding from any funding agency to support its activities during the year?

No	
<ul style="list-style-type: none"> If yes, mention the amount 	

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

- Implementing a flexible academic curriculum during the Academic Year 2022-23, with provisions for credit transfer through MOOCs. The Flexible Scheme for this curriculum was developed by the Institute and approved by the Academic Council. The introduction of vertical courses pertaining to Minor degree and honors degree. The interaction between the industry and the institute has been strengthened. The Institute maintains ongoing academic collaboration with IBM for programs including CSE, IT, ECE, and AI & DS. • Continuous training for faculty members in ICT tools aims to enhance the effectiveness of the teaching-learning process. Through these tools, faculty members have prepared video lectures. Students have also been motivated to prepare videos on their internship and project works. Faculty members and students have been trained in 'Nan Muthalvan' Scheme of Tamilnadu Government. • To foster a research culture, the Management has supported 16 research projects through the Research Seed Money Scheme. Faculty members have published 93 research papers in SCOPUS-indexed journals. Additionally, 42 textbooks have been published. Extension and outreach activities, such as promoting a plastic-free world, energy conservation, water conservation, book donations to public libraries and schools, blood donation camps, and tree planting have been initiated through various clubs and societies. • To foster a research culture, the Management has supported 16 research projects through the Research Seed Money Scheme. Faculty members have published 93 research papers in SCOPUS-indexed journals. Additionally, 42 textbooks have been published. Extension and outreach activities, such as promoting a plastic-free world, energy conservation, water conservation, book donations to public libraries and schools, blood donation camps, and tree planting have been initiated through various clubs and societies. • To foster a research culture, the Management has supported 16 research projects through the Research Seed Money Scheme. Faculty members have published 93 research papers in SCOPUS-indexed journals. Additionally, 42 textbooks have been published. Extension and outreach activities, such as promoting a plastic-free world, energy conservation, water conservation, book donations to public libraries and schools, blood donation camps, and tree planting have been initiated through various clubs and societies. • Administrative and academic audits have been conducted under the guidance of external experts. ISO audit has also been completed. Faculty members have received training in the AICTE Examination Reforms Policy. Continuous monitoring of the NBA accreditation process for the B.Tech Information Technology and MBA programs has been carried out.
- Stakeholder feedback and suggestions have been integrated into the curriculum design for all undergraduate and postgraduate programs. Additionally, value-added courses in collaboration with reputed industries have been conducted for all programs. Improvements have been made in the number of internships facilitated through Internshala and in core industries, achieved through effective mentoring by faculty members.

12. Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:

Plan of Action	Achievements/Outcomes
<p>Curriculum Enrichment based on Effective feed back mechanism from all levels of stakeholders. Organizing Board of Studies and Academic Council meetings in regular intervals.</p>	<p>Curriculum of all Programmes have been revised and course contents have been enriched with employment enhancement and entrepreneurship. Continuation of Academic collaboration for Programmes coming under circuit and non circuit branches. Courses focusing on Human values, Indian constitution, Professional ethics Energy and environmental sustainability were also added. Provisions have been made to undertake minor degree, honours with specialization and honours degree courses</p>
<p>Training programmes specifically on Outcome based Education and New Education policy are planned. To provide in house training programs for Supporting staff in the areas of Digital communication, computer literacy and maintenance of Solar Photovoltaic Power systems.</p> <p>Continuation of Faculty Exposure to various ICT Tools and training faculty members for effective online teaching and assessment.</p>	<p>More than 600 online and offline FDP/STTP have been attended by Faculty members. Faculty training programs have been conducted in OBE and Research. Faculty members use all ICT tools for effective online teaching and assessment processes Non-teaching faculty members have been trained in Microsoft office tools and maintenance procedures. .</p>
<p>To promote faculty members to organize seminars, workshops, and training programs</p>	<p>More than 50 programs have been conducted with funding from AICTE,IEI,SERB and ICSSR, 6 National-level conferences, 2 International conferences, 12 value-added courses, and 6 training programs have also been organized</p>
<p>Targets have been set for research publication for each faculty member and department.</p>	<p>The number of quality research publications in journals, books, and book chapters has increased</p>

<p>We encourage faculty members to apply for research funding and motivate them to engage in research and innovation.</p>	<p>to 250. Faculty members have been exposed to intellectual property rights (IPR), resulting in 98 patent applications. Of these, 7 design patents and 2 product patents have been granted. Additionally, research projects have received grants from agencies such as AICTE, DST, and Management, totalling Rs. 23,29,500</p>
<p>To establish a minimum of 2 Memoranda of Understanding (MoUs) with Industries/Institutions or departments to enhance industry-institute interaction activities. Collaboration with foreign Universities is planned</p>	<p>Industry interaction has been enhanced through the signing of MoUs, allowing 120 students to participate in internships. A total of 12 consultancy projects have been completed. Additionally, a Global Immersion Program has been launched in collaboration with Malaysian universities.</p>
<p>Providing aptitude and soft skills training in both physical and virtual formats to prepare students for the recruitment process.</p>	<p>Intensive placement training has been provided for 45 days, resulting in 80% of eligible candidates securing placements in renowned industries such as Cognizant Technology Services, Wipro, Tech-Mahindra, Roots Industries, and Messer Cutting Systems.</p>
<p>Entrepreneurship training programs for the students through Entrepreneurship Development cell and Innovation training through Institute Innovation Council</p>	<p>Entrepreneurship training programmes have been conducted. 6 start-ups of students were supported. Projects have been supported and mentored to get financial aid from Various agencies through IIC-YUKTI Portal</p>
<p>Improvement in student participation in co-curricular and extracurricular activities and conducting extension programmes</p>	<p>National Digital Library of India (NDLI) Club, Youth Red Cross Society, Gender Champions Club, Electoral Literacy Club, Artificial Intelligence Forum,</p>

	<p>IoT club, and Robotics club have been started.</p>
To establish Laboratories for B.Tech AI&DS Programme To Strengthen physical facilities in Controller of Examination office for Autonomous.	<p>Net work laboratory and Artificial Intelligence laboratory were installed Additional Space for central valuation in COE office has been expanded. Additional Reprographic facilities have been installed</p>
Strengthening NSS,NCC&NSO	<p>Monthly camps have been arranged by National Service Scheme office. 2 TN Air Squadron NCC(E-Flight) is functioning with sanctioned strength of 100 & 1 Officer. Faculty from Department of Aeronautical Engineering have been deputed for technical training on Air Flight Mechanism, maintenance and flight simulator National Sports Organization: Indoor sports facilities were added with table tennis Batminton/Shuttle courts have been set up</p>
Application for accreditation from various agencies involved in assessing and ranking higher education institutions	<p>Received 4 star Ranking for Institute Innovation Cell activities-Institute of Innovation Council under Ministry of Education, Government of India NIRF-Innovation Ranking: In the band of 151-200 HiTech is ranked as Ranked 80 (All India South Zone Engineering Colleges), Ranked 29 (Tamilnadu Private Engineering) by Open Magazine Survey 2023 HiTech has been honoured with the</p>
13.Was the AQAR placed before the statutory body?	<p>Yes</p>
• Name of the statutory body	

Name of the statutory body	Date of meeting(s)
Governing Body meeting	15/10/2022

14.Was the institutional data submitted to AISHE ?	Yes
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- Year

Year	Date of Submission
2022-2023	01/02/2024

15.Multidisciplinary / interdisciplinary

Hindusthan Institute of Technology is committed to fostering the holistic development of our students, encompassing intellectual, aesthetic, social, physical, emotional, and moral capacities in an integrated manner. In line with the National Education Policy 2020, our institute is actively incorporating multidisciplinary subjects into our curriculum. The Regulations 2020-A and Regulations 2022 offer students the opportunity to pursue minor degrees, honors with specializations, and honors degree courses. In addition to program-specific courses, Hindusthan Institute of Technology has introduced a wide range of courses including Humanities, Science, Mathematics, Design Thinking, Environmental Science, Employment Enhancement, Intellectual Property Rights (IPR), and Entrepreneurship Development. Interdisciplinary projects, both minor and major, are assigned to students to encourage exploration across various fields. Value-added courses in cross-specialization are also being conducted to enrich students' learning experiences. To address the challenges faced by students, the Institute has also in the process to establish short-term and vocational programs. The institute is focused on identifying program learning outcomes, along with course and unit learning outcomes, that delineate the specific knowledge, skills, attitudes, and values to be acquired by learners. This ensures that each program successfully achieves its goals. In addition to program-specific courses, Hindusthan Institute of Technology has introduced a wide range of courses including Humanities, Science, Mathematics, Design Thinking, Environmental Science, Employment Enhancement, Intellectual Property Rights (IPR), and Entrepreneurship Development. Interdisciplinary projects, both minor and major, are assigned to students to encourage exploration

across various fields. Value-added courses in cross-specialization are also being conducted to enrich students' learning experiences. To address the challenges faced by students, the Institute has also in the process to establish short-term and vocational programs. The institute is focused on identifying program learning outcomes, along with course and unit learning outcomes, that delineate the specific knowledge, skills, attitudes, and values to be acquired by learners. This ensures that each program successfully achieves its goals.

16.Academic bank of credits (ABC):

Recognizing the importance of promoting student-centric education and emphasizing learner-friendly teaching approaches, our institute has developed ABC ID. Additionally, we already have a student management system (E-Campus) in place, where all student details, including internal assessments, attendance, continuous internal evaluations, and examination-related information, are recorded. Furthermore, elective courses are offered in every program, allowing students to select courses according to their interests. This flexibility enables the institute to adapt to multiple entries, exits, and collaborations with other colleges, universities, and international institutions. The faculty of the college have fully transitioned to a blended mode of teaching-learning pedagogy, where they provide tailor-made solutions to their students and have fully implemented a learner-centric approach.

17.Skill development:

The Institute offers its students elective Skill Enhancement courses tailored to their aptitude and curriculum, addressing their specific needs. Additionally, the Institute provides Generic Elective courses aimed at developing discipline-related skills and a hands-on approach. Language skills and Environmental Science courses are also offered as part of the Ability Enhancement courses. Furthermore, a soft skill development program is integrated into every student's curriculum. Courses on Intellectual Property Rights (IPR), Enterprise Resource Planning (ERP), and Entrepreneurship Development are being offered by the institute. Essential Skill Development and the Constitution of India are mandatory courses, ensuring that all students acquire essential constitutional and citizenship values. Additionally, a Values and Ethics course is compulsory for all to instill ethical values. In-plant training, internships, and practical training are provided through collaborations with industries, centers of excellence, and industry-supported laboratories.

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

Courses on Tamil Courses in Tamil language have been integrated into the curriculum to facilitate understanding of the technological development in the region. The Institute consistently encourages its faculty to enhance their skills in these areas through participation in Faculty Development Programs (FDPs), refresher courses, seminars, and conferences. Additionally, the institute organizes such events for the benefit of faculty from various institutions across India. Student diversity includes candidates from Kerala, Andhra Pradesh, and Telangana. Special coaching classes for slow learners are conducted, where faculty members provide smart materials and explanations in students' native languages. Cultural programs and activities celebrating India's rich historical significance and wealth of knowledge are given top priority at the institute to introduce students to their cultural heritage.

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

The Institute has adopted a learning outcome-based curriculum framework and successfully implemented it. Additionally, a robust and credible continuous evaluation and internal assessment system has been established to monitor the progress of students, including their regularity. Faculty members use the assessment data to plan interventions for weak students and slow learners, ensuring they can cope with the rigor of the curriculum. The faculty team at Hindusthan Institute of Technology undergoes continuous training through various programs and workshops focused on Outcome-based Education. To create the best teaching-learning environment for its students, the institute has fully implemented blended teaching-learning pedagogy. Through this approach, faculty members consistently monitor whether the learning objectives and outcomes are being achieved, taking necessary steps to ensure that all students gain the necessary expertise, knowledge, skills, and capabilities.

20.Distance education/online education:

The Institute has made significant strides in adapting to blended and online modes of learning, particularly following the pandemic. A Learning Management System is utilized for smoother teaching, learning, and evaluation processes. Resources are distributed to students through online channels, and teachers have continued this practice even after the resumption of physical classes. Both faculty members and students are encouraged to undertake NPTEL/SWAYAM courses. Online assignments and quiz programs have been regularly conducted, and video lectures are created and made available on the institution's YouTube channel.

Extended Profile

1.Programme

1.1

11

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1

2193

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2

490

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3

2193

Number of students who appeared for the examinations conducted by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1

499

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2

181

Number of full-time teachers during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.3	174
Number of sanctioned posts for the year:	

4.Institution	
4.1	444
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	
4.2	63
Total number of Classrooms and Seminar halls	
4.3	744
Total number of computers on campus for academic purposes	
4.4	294.81386
Total expenditure, excluding salary, during the year (INR in Lakhs):	

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

The Institute has established a systematic approach for the formulation, revision, and implementation of the curriculum in all of its departments. The curriculum has been carefully crafted to handle latest technology and possibilities that exist at the regional and global levels.

Factors considered during Curriculum development:

- Model Curriculum of UGC,AICTE & reputed Universities
- Inputs from stake holders, National Education Policy 2020 &

- NSDC annual report
- Syllabus of various competitive exams such as GATE& IES
- The Institute pays close attention to the accomplishments of PEO, PO, and PSO for their respective programmes, which are closely related to the institution's Vision and Mission, as well as the Department's Vision and Mission.

The Curriculum Design Process :

- As per the feedback received from stack holders, Department Advisory Committee prepares the curriculum and it is presented in Board of Studies. Final approval is obtained from Academic Council.
- Enrolment in MOOCs, NPTEL, Coursera and edX is encouraged. Internships have been made mandatory for all students. Value added courses are also being conducted

<http://hit.edu.in/aero.html>

<http://hit.edu.in/auto.html>

<http://hit.edu.in/cse.html>

<http://hit.edu.in/ece.html>

<http://hit.edu.in/it.html>

<http://www.hit.edu.in/mech.html>

<http://www.hit.edu.in/Pharmaceutical.html>

<http://hit.edu.in/mba.html>

File Description	Documents
Upload additional information, if any	View File
Link for additional information	http://www.hit.edu.in/AQAR%202022-2023/1.1.1_Curriculum_and_Desgin_Development_Additional_Information_2022_23.pdf

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

10

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	View File

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

30

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

30

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

10

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

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

Various types of courses have been incorporated into the curriculum in order to address cross-cutting issues such as

- o gender,
- o environment and sustainability,
- o human values
- o professional ethics

As an important aspect of student participation in social activities throughout their programme of study, the college requires all students to enlist as National Social Service /National Cadets Corps

Its goal is to instil values, ethics, and socially responsible characteristics in students. Students plan street performances, awareness campaigns, debates, and other activities. Students have been involved in activities that promote human values from the institution's foundation

The courses like Universal Human values and healthy sciences are being offered aiming to develop students' sensibility with regard to issues of gender equality. Through courses like Environmental Science and Engineering, Renewable Energy Sources and Professional Ethics in Engineering, the Institute integrates cross cutting issues related to environment, sustainability and human values

List of Courses

22MC801 Universal Human Values And Healthy Practices**22MC802 Environmental Science And Engineering****22MC803 Indian Constitution****22MC804 Essence Of Indian Traditional Knowledge****22PBA23 Indian Ethos and Ethics**

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	View File

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

14

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	View File

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

901

File Description	Documents
List of students enrolled	View File
Any additional information	View File

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

1021

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni

A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	http://www.hit.edu.in/AQAR%202022-2023/Feedback_System_2022_2023.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following

A. Feedback collected, analysed and action taken made available on the website

File Description	Documents
Provide URL for stakeholders' feedback report	http://www.hit.edu.in/AQAR%202022-2023/Feedback_System_2022_2023.pdf
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

671

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

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

444

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

Slow learner and advanced learners are identified for each course. The wide range of continuous assessment components including Class Assignments, Seminars and Group Discussions, Quizzes and Class Tests enable effective assessment of learning levels of students.

Strategies adopted:Slow learners

- Peer Learning is practiced to enhance the learning abilities of the students who are helping their peers as well as the student beneficiaries
- Remedial Classes are conducted to improve the academic performance of the slow learners, absentees and students who participate in sports and other activities. This practice helps the struggling learners to improve subject knowledge and helps them catch up into their peers
- Group Study System is also encouraged with the help of the advanced learners

Advanced learners

- The advanced learners (above 7.5 CGPA upto V sem) are allowed to do Fast track courses
- Advanced learners are encouraged to enroll in MOOC Courses -

Swayam, EdX, Coursera and the credits will be given when successfully completing this certification courses.

- Advanced Learners are provided coaching classes for competitive examination and GATE
- Talented students are motivated to participate in Yukti 2.0, Hackathons, Toycathon, Intec Olympiad, Paper Presentations, Project Competitions and participate in Summer Projects and Internships

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.hit.edu.in/AOAR%202022-2023/2.2.1-The institution assesses students' learning levels -AdditionalInformation-22-23.pdf

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/06/2022	2193	181

File Description	Documents
Upload any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student-centric methods such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences:

To ensure that the students are conceptually sound and able to apply the concepts in the practical situations the Institute adopted various methods of experiential and participative learning and has been using problem solving methodologies for enhancing learning experiences.

The Laboratory work for the practical courses is designed to give opportunity to the students for experiential learning. Internships/field training are integrated into the programme structure.

Experts from industry share their experience with the students which

prepare them for the real time job scenario. They are also taken to field/industry visits and study tours in India. It exposes them to the world of practical knowledge to hone their skills and abilities.

The students take active part in organizing various extra and co-curricular events which help them develop their skills. Special programmes on Women's Day, Republic Day, International Yoga Day, Independence Day, etc. are also conducted by them.

Students undertake group activities such as project assignments, case-study analysis which leads to participative learning.

Students participate in outreach programmes, social and extension activities. Along with the classroom teaching and laboratory-experiment-based learning, students are also involved in projects which help enhance the real-life problem solving abilities of the students.

File Description	Documents
Upload any additional information	View File
Link for additional Information	http://www.hit.edu.in/AQAR%202022-2023/2.3.1-Student-centric-method-AdditionalInformation22-23.pdf

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

The class rooms and design laboratories are ICT enabled with LCD projectors and the campus is enabled with high speed WiFi connection. They are also equipped by digital library, online search engines and websites to prepare effective presentations Google classroom is used to manage and post course related information-learning material, quizzes, assignments etc.

Online drawing tools like concept maps, mind maps, are used to perform student centric activities. Laboratory manuals are mailed to students well in advance the experiment is performed.

Use of ICT By Faculty-

- Industry Connect- Seminar and Conference room are digitally equipped where guest lectures, expert talks and various competitions are regularly organized for students.
- Video lecture- Recording of video lectures is made available to students for long term learning and future referencing.
- Technical & management events such as Poster making, Ad-mad show, Project presentations, Business quiz, Debates, paper presentations etc. are conducted

Simulation for CNC, Flight Navigation and Fluid flow analysis are being carried out for better understanding

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	http://www.hit.edu.in/AQAR%202022-2023/2.3.2-Teachers-use-ICT-Tools- additional information22-23.pdf
Upload any additional information	View File

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

2.3.3.1 - Number of mentors

181

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

The Institution publishes Academic calendar adhering to the academic schedule prescribed Anna University & CoE of the Institute before the start of the academic year. It reflects the working days, the internal assessment test schedule, tentative dates of commencement of theory and practical examinations on the semester.

The Timetable Committee headed by the Principal and coordinated by a senior Faculty Member draws up a detailed timetable which efficiently deploys the units of time for academic and co-curricular activities like theory, practical, tutorial, ICT, life-skill, value

education and add-on classes.

Class information sheet which contains PO,PSO and Assessment pattern for courses is provided to students. The lecture plan included in the Course Information Sheet is followed and Faculty members take utmost care to complete the syllabus in time. Continuous Assessment System is followed for awarding internal marks.

Laboratory manuals are provided at the starting of course. Faculty members conduct pre experiments and keep the equipment ready for practice.

Students get exposure to Industry operations by regularly visiting Industries. In plant training is arranged during vacation period.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

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

181

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

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

46

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	View File

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

7

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	View File

2.5 - Evaluation Process and Reforms

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

23

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	View File

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

167

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	View File

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

The IT integration has modernized the entire examination process accelerated the functioning mechanism, while making the whole process more transparent

Exam cell automation software is used for effective management of examination processes starting from student Data input, subject allocation, exam time table preparation, internal OMR generation, semester Attendance OMR, Exam Room and seat allocation, Exam attendance, OMR, External OMR, Result Generation, Moderation, Revaluation and printing of Mark sheet, Consolidated Mark sheet and many more customized report generation

The office of the CoE maintains its constant touch through various meetings with the department examination coordinators, Examination board members, Heads of Departments and Accounts Manager for smooth and up to date functioning of the examination system. The office of CoE invests every effort to maintain confidentiality of question papers received from external examiners.

Continuous Assessments process in the form of internal theory examinations, assignments, tutorial, seminars, quiz etc. help students to improve their performance and provide enough scope to the teachers to monitor the progress of students on a regular basis. Question papers are designed and set from all the units with internal choice. Squads consisting of senior faculty members are appointed to monitor both internal assessment and end semester examinations

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://www.hit.edu.in/AQAR%202022-2023/2.5.3-IT-Integration-reforms-additional-information22-23.pdf

2.6 - Student Performance and Learning Outcomes

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

The Institute has clearly stated learning outcomes of the Programs and Courses. The following mechanism is followed by the institution to communicate the learning outcomes to the teachers and students.

- Hard Copy of syllabi and Learning Outcomes are available in the departments for ready reference to the teachers and students
- The importance of the learning outcomes has been communicated to the teachers in every IQAC meeting and College Committee meeting

- The students are also made aware of the same through Tutorial meetings Workshops have also been conducted for developing the Programme Educational Objectives and Learning outcomes at Institute level
- Website
- Curriculum /regulations books
- Class rooms
- Department Notice Boards
- Laboratories
- Student Induction Programs
- Meetings/ Interactions with employers
- Parent meet
- Faculty meetings
- Alumni meetings
- Professional Body meetings
- Library

While addressing the students, the HODs create awareness on POs, PSOs and COs. The faculty members, class teachers, mentors, course coordinators, program/ISO coordinators also inform the students and create awareness and emphasize the need to attain the outcomes.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	http://www.hit.edu.in/AQAR%202022-2023/2.6.2 Attainment of Programme Outcomes and Course Outcomes as evaluated Additional Information 2022-23.pdf

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

Each course has a set of course outcomes and evaluation criteria. The course outcomes are mapped to the program outcomes to provide the quantitative measurement of how well the program outcomes are achieved. The performance of the students in the examination during the semester in each course is used to compute the level of attainment of the POs and PSOs through the mapping of questions to COs and COs to POs and PSOs. CO-PO & PSO mapping for all the courses in the program is prepared by the program coordinator in consultation with other faculty members. Internal assessment is the requirement of the continuous assessment and is essential for the fulfilment of the COs and POs.

Direct assessment -80%

- Continuous Internal Assessment (CIA)
- End semester examinations
- Assignments, Quiz

Indirect Assessment - 20%

- Course exit survey
- Graduate exit survey
- Alumni survey

Components considered for indirect attainment assessment are

1. Course exist survey
2. Co-curricular and extracurricular activities
3. Performance in competitive exams
4. The assessment scores are quantified between 1 to 3.

All the feedbacks with defined parameters are collected through college Learning Management System. The indirect assessments are quantified and contributed to 20% of the overall course outcome.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://www.hit.edu.in/AQAR%202022-2023/2.6.2 Attainment of Programme Outcomes and Course Outcomes as evaluated AdditionalInformation 2022-23.pdf

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

439

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
Paste link for the annual report	http://www.hit.edu.in/AQAR%202022-2023/2.6.3 Pass Percentage of student AdditionalInformation 22-23.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

http://www.hit.edu.in/AQAR%202022-2023/2.7.1_SSS_FINAL_COPY_22-23-1.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

Necessary infrastructural facilities and a conducive environment to foster research activities are being continuously enhanced. Faculty members are actively encouraged to seek funding from various

agencies and to pursue their research interests.

Centers of Excellence have been established to facilitate research and consultancy endeavors. Additionally, partnerships with industries have been forged to establish state-of-the-art laboratories, enabling cutting-edge experimentation in various technological domains.

The Research Committee annually issues a Call for Proposals to solicit applications for seed funding, typically in June/July. Proposals undergo rigorous evaluation by the committee, focusing on feasibility, robustness, and potential real-world applications. Faculty and students are strongly encouraged to present their project ideas before the committee to secure seed funding in accordance with institute guidelines.

The institute further incentivizes faculty members by offering rewards for peer-reviewed publications, authoring books, and patent filings. This commitment to supporting research is bolstered by ongoing investment in research facilities

-

The following Facilities have been updated during 2020-21

Updated 4 GB to 8 GB RAM

Vmware

Data Analytics Tools

-
-
-

Biomass Gasification research Centre

SPV Power plant

Supersonic Wind Tunnel

Flight Simulator

Drone Technology and Aerospace research Centre

Centre for Additive manufacturing

Texas Instruments Embedded Laboratory**Advanced Communication Laboratory**

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	http://www.hit.edu.in/AOAR%202022-2023/3.1.1 Promotion of Research and Facilities additional information 2022_23.pdf
Any additional information	View File

3.1.2 - The institution provides seed money to its teachers for research**3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)****23.5**

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	View File
Any additional information	View File

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year**19**

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	View File

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

23.795

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	View File

3.2.2 - Number of teachers having research projects during the year

18

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://www.hit.edu.in/AQAR%202022-2023/3.2.2 - Number of teachers having research projects during the year additional information 2022_23.pdf
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

11

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

7

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	http://www.hit.edu.in/AQAR%202022-2023/3.2.2 - Number of teachers having research projects during the year additional information 2022 23.pdf
Any additional information	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

The Institution's Innovation Cell is dedicated to fostering a culture of innovation among both students and faculty, providing support to transform innovative ideas into tangible prototypes. In recognition of its efforts, the institute was awarded a 4-star rating during the 2022-2023 academic year for its comprehensive approach to promoting innovation, entrepreneurship, community engagement, and incubation.

Under the Scheme for Promoting Interests, Creativity, and Ethics among Students (SPICES), faculty and students are encouraged to engage in creative endeavors, offering training in creative thinking, problem-solving, and collaboration skills. The institute has successfully cultivated a dynamic local innovation ecosystem and start up support mechanism, with students actively leveraging technology to address societal needs.

Centers of Excellence within the institute receive support for

documentation, publication of research papers and patent acquisition. Additionally, the institution regularly hosts workshops, seminars and conferences to enrich the research and innovation landscape.

The Entrepreneurship Development Cell conducts ongoing programs to nurture entrepreneurial skills, resulting in support for over six start up ventures. Furthermore, various clubs and committees, including NSS, NCC, YRC, RRC, as well as clubs like Green Club and Energy Club, organize social initiatives aimed at fostering self-sustainability and promoting an environmentally friendly ecosystem within the local community

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.hit.edu.in/AOAR%202022-2023/3.3 Innovation system additional Information 2022_23.pdf

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

46

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	View File

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software

A. All of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	View File

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

1

File Description	Documents
URL to the research page on HEI website	List_of_PhD_scholars_and_details_like_name_of_the_guide,_title_of_thesis_additional_information_2022_23.pdf">http://www.hit.edu.in/AOAR%202022-2023/3.4.2 List of PhD scholars and details like name of the guide, title of thesis additional information 2022 23.pdf
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

75

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

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

48

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.hit.edu.in/AQAR%202022-2023/3.4.4 Number of books and chapters in edited volumes books published per teacher additional information 2022_23.pdf

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

3.4.5.1 - Total number of Citations in Scopus during the year

764

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	View File

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

3.4.6.1 - h-index of Scopus during the year

35

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	View File

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

24.60200

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	View File
Any additional information	View File

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

984080

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	View File
List of facilities and staff available for undertaking consultancy	View File
Any additional information	View File

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

Engagement in extension and outreach activities serves to raise awareness among students on critical social issues such as gender discrimination, girl child education, child abuse, violence victims, cleanliness, tree plantation, environmental conservation, self-improvement, and health education. These initiatives foster a sense of social and environmental responsibility among participants.

The Institute actively organizes numerous extension activities aimed at bridging the gap between the institution and the surrounding community, sensitizing students to local needs and concerns. Students' involvement in social service endeavors contributes

significantly to their holistic development, with NSS and NCC playing pivotal roles.

NSS conducts a residential seven-day camp in nearby adopted villages, where volunteers address a spectrum of social issues, including cleanliness drives, tree plantation, social interactions, group discussions, superstition eradication, environmental awareness, women's empowerment, national integrity, blood donation camps, veterinary guidance, and farmer outreach programs.

The NCC unit spearheads various extension initiatives such as tree plantation drives, road safety awareness campaigns, Drive away Drug use , Swachh Bharat Abhiyan, and national equality awareness campaigns. Additionally, volunteers from the Youth Red Cross and Red Ribbon Club organize health check-up camps and raise awareness about HIV/AIDS prevention, conducting dental check-up camps to educate the public on various health concerns

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.hit.edu.in/AQAR%202022-2023/3.6.1 Extension Activities additional information 2022_23.pdf

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

16

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	View File

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

23

File Description	Documents
Reports of the events organized	View File
Any additional information	View File

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year**1278**

File Description	Documents
Reports of the events	View File
Any additional information	View File

3.7 - Collaboration**3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work****102**

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	View File

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)**13**

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

The Institute boasts robust policies, procedures, and a monitoring system in place to ensure the efficient maintenance and utilization of its campus facilities. With a keen focus on meeting the needs of students, faculty, and non-teaching staff, Hindusthan Institute of Technology maintains a sprawling, high-tech campus spanning 136 acres.

Equipped with state-of-the-art facilities and resources, the institute is committed to realizing its vision and strategic objectives of academic excellence.

Its infrastructure encompasses various categories:

(a) Learning Resources: encompassing libraries, laboratories, computer centers, classrooms, spaces for events, meetings, and conferences.

(b) Support Facilities: including hostels, canteens, seminar halls, committee rooms, and sports grounds.

(c) Utilities: ensuring access to safe drinking water, well-maintained restrooms, and reliable power generators.

Classes are meticulously scheduled to optimize the use of available infrastructure, with an emphasis on sharing laboratory facilities between departments. Continuously striving for improvement, the institute invests in enhancing both its physical structures and other facilities, fostering an environment conducive to effective teaching and learning

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.hit.edu.in/AQAR%202022-2023/4.1.1 - Infrastructure and physical facilities Additional Information 2022_23.pdf

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

The Institute boasts ample facilities catering to sports, games, and cultural activities, spread across a total area of 10 acres. Two expansive playgrounds offer opportunities for various games, including Athletics, Cricket, Football, Volleyball, Basketball, and Kho-kho, while separate fields accommodate Tennis courts. Indoor and outdoor badminton courts, along with a gymnasium, complement the outdoor facilities.

Each faculty is equipped with well-appointed assembly halls for hosting annual functions and cultural events. The hostels also provide facilities for outdoor and indoor sports and games such as badminton, volleyball, basketball, carrom, table tennis, and chess, in addition to a gymnasium. Regular inter and intra-college competitions are organized, with students receiving specialized training for participation in Zonal and Inter-Zonal National Youth Festivals competitions, the National Youth Parliament competition, and other cultural and sports events beyond the campus.

Furthermore, some faculty members serve as certified Yoga instructors, conducting special classes on self-defense tailored for female students. National Independence Day and Republic Day are celebrated with fervor at the Institute, featuring the hoisting of the national flag followed by a guard of honor by NCC students in honor of the Chief Guest.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	http://www.hit.edu.in/AQAR%202022-2023/4.1.2 Institution has adequate facilities for sports, games, gymnasium etc Additional Information 2022-2023.pdf

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

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

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

98.53982

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	View File

4.2 - Library as a Learning Resource

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

The Central Library at the Institution stands as a well-equipped hub, seamlessly integrated and automated with the Lips iNet Version 5.0 Integrated Library Management System (ILMS), a fully automated system since its implementation in 2007.

For access to the library's vast collections, the Online Public Access Catalog (OPAC) serves as the primary gateway. Users can navigate the OPAC through dedicated computers and an E-gate register. Complementing this, the library hosts a Knowledge Center (Digital Library), featuring 15 computers for accessing e-resources, conducting web browsing, and engaging in research-related activities.

With an extensive array of books spanning various disciplines, including rare manuscripts and a plethora of e-journals and e-books, the library caters to the diverse needs of its patrons. Clear name boards facilitate easy navigation for users, while faculty, students, and research scholars enjoy unrestricted computer access during operational hours.

On any given day, approximately 200 students make use of the

library's resources, including books, newspapers, and journals. Furthermore, provisions are in place for photocopying, downloading, and printing materials from these resources. Each department is furnished with a specialized library, stocked with domain-specific books accessible to both students and faculty members. Upload any additional information

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.hit.edu.in/AQAR%202022-2023/4.2.1 Library is automated using Integrated Library Management System Additional Information 2022 23.pdf

4.2.2 - Institution has access to the following: e- A. Any 4 or more of the above journals e-ShodhSindhu Shodhganga
Membership e-books Databases Remote access to e-resources

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	View File

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)

16.87414

File Description	Documents
Audited statements of accounts	View File
Any additional information	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 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year**382**

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

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

To ensure the proper management, security, and lawful utilization of the Information Technology (IT) infrastructure, the Institute has established a comprehensive IT policy. This policy governs all technology assets centrally administered by the Institute, extending its coverage to resources managed by individual departments, including the Library, Computer Labs, Laboratories, and Administrative Offices.

The IT policy focuses on various key areas:

- Guidelines for IT Hardware Installation and Maintenance
- Procedures for Software Installation and Licensing
- Usage guidelines for Network (Intranet & Internet)
- Guidelines for E-mail Account Usage
- Procedures for Web Site Hosting
- Roles and responsibilities of Network/System Administrators
- Maintenance protocols for LCD Projectors, Printers, Biometric systems, and Intra-communication systems
- Support systems during online classes and examinations

Annually, a budget proposal is meticulously drafted and presented for the enhancement and upkeep of Computer and IT Infrastructure facilities. Following review and approval by the finance committee, these proposals pave the way for necessary upgrades and maintenance

activities to ensure the seamless functioning of IT resources across the Institute.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.hit.edu.in/AOAR%202022-2023/4.3.1 IT policy covering Wi-Fi cyber security allocated budget for IT Additional information 2022 23.pdf

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
2193	744

File Description	Documents
Upload any additional information	View File

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus

A. ?50 Mbps

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	View File

4.3.4 - Institution has facilities for e-content development:

Facilities available for e-content development

Media Centre
Audio-Visual Centre
Lecture Capturing System (LCS)
Mixing equipments and software for editing

A. All four of the above

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.hit.edu.in/AQAR%202022-2023/4.3.4 Institution has facilities for e-content development Additional Information 2022-23.pdf
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

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

196.27404

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities – classrooms, laboratory, library, sports complex, computers, etc.

Classrooms are allocated department-wise, with maintenance responsibilities, including monitoring fans, lights, boards, and LCD projectors, overseen by class advisors and tutors. Each floor is equipped with a fire fighting system to ensure safety.

Industrial exposure is provided within laboratories, with designated areas for machinery, walkways, and tools. Laboratory technicians receive regular training, and instruments undergo periodic servicing and calibration. To prevent fire accidents, petrol, diesel, and oil are stored in secure containers.

A meticulous record-keeping system is maintained, comprising stock registers for equipment, maintenance logs, and issue registers, ensuring accountability and integrity.

In the library, students and faculty are encouraged to log their

usage, with designated library hours for classes, allowing access to various journals, textbooks, and online resources. Book requirements for each academic year are determined and issued by management accordingly.

Regular maintenance is conducted on sports facilities to ensure their optimal use on a daily basis.

Computer resources, meeting AICTE and Anna University standards, are available in departments, the library, and laboratories, all connected to uninterruptible power supplies (UPS). Separate login IDs are provided to students and staff members for personalized access.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.hit.edu.in/AOAR%202022-2023/4.4.2 Established systems and procedures for maintaining and utilizing physical, academic and support facilities.pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

1241

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	View File

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

100

File Description	Documents
Upload any additional information	View File
Institutional data in prescribed format	View File

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities
Soft Skills
Language and Communication Skills **Life Skills (Yoga, Physical fitness, Health and Hygiene)** **Awareness of Trends in Technology**

A. All of the above

File Description	Documents
Link to Institutional website	http://www.hit.edu.in/AQAR%202022-2023/5.1.3 Capacity Development and Skill Enhancement activities Additional information 2022_23.pdf
Details of capability development and schemes	View File
Any additional information	View File

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

972

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of

A. All of the above

online/offline students' grievances Timely redressal of grievances through appropriate committees

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	View File
Upload any additional information	View File

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

311

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of outgoing students progressing to higher education

28

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	View File

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

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

examinations) during the year

18

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File

5.3 - Student Participation and Activities

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

119

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

The Institute prioritizes addressing the needs and expectations of its stakeholders, aiming to instill qualities of leadership, organizational skills, and responsibility among them.

Students are actively encouraged and motivated to engage in governance through various avenues:

- **Student representatives within the Institutional Quality Assurance Cell (IQAC) play a vital role in disseminating quality policies to the student body and voicing student perspectives during quality policy decisions.**

- **Class committees, comprising both good-performing and slow learners alongside faculty members appointed by the Head of Department, offer valuable feedback on all aspects of the teaching-learning process. The Class Representative System serves as a cornerstone of student leadership and representation.**

- **Placement Representatives, chosen from each class, collaborate with the placement cell**

- Every department features a student association, consisting of Chairman, Vice Chairman, Secretary, Joint Secretary, and Treasurer positions, which organizes technical symposiums, seminars and conferences.
- The Institute hosts approximately 40 clubs and committees with student representation at various levels, fostering a diverse range of activities.
- Students play a proactive role in community-related initiatives, assuming leadership positions in organizations such as the National Service Scheme, National Cadet Corps, and Youth Red Cross, where they are sensitized to the community's needs.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.hit.edu.in/AOAR%202022-2023/5.3.2_Representation of students in academic and administrative bodies additional information 2022-23.pdf

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

13

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	View File

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

The Alumni Association, was officially registered under the Tamil Nadu Societies Registration Act 1975 on November 16, 2018, serves as a vital bridge between past and present students of the Institute. Through regular alumni day celebrations and sustained interaction initiatives, the Institute fosters enduring connections with its graduates.

Alumni play a multifaceted role in the Institute's ecosystem, contributing significantly across various domains:

- Active participation in the Institutional Quality Assurance Cell (IQAC), where their insights are instrumental in driving development and quality enhancement initiatives.
- Review and refinement of curriculum, ensuring alignment with industry standards and fostering industry-oriented teaching methodologies.
- Admissions Process: acting as ambassadors to promote the institution and attract prospective students.
- Involvement as participants, speakers, and sponsors in intercollegiate festivals, seminars, workshops and conferences.
- Facilitation of internships and project work opportunities for current students.
- Representation as industry liaisons during recruitment processes, providing motivation and guidance to current students.
- Sharing their real-world insights and expertise with current students.
- Offering guidance and support to final year students seeking admissions to renowned universities abroad.

Through their diverse engagements, alumni serve as invaluable mentors and connectors, actively contributing to the professional growth and aspirations of Institute.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://www.hit.edu.in/AQAR%202022-2023/5.4.1 - Alumni Engagement 2022_23.pdf

5.4.2 - Alumni's financial contribution during the year C. 5 Lakhs - 10 Lakhs

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 an effective leadership in tune with the vision and mission of the Institution

VISION

To be a world class institution by imparting knowledge, research practices and inculcating human values to address global challenges through novelty and sustainability.

MISSION

- To create next generation leaders by effective teaching learning methodologies.
- To build research capabilities for the student beyond class room education.
- To inculcate human values and ethical principles to cater to the social needs.
- To nurture talent and entrepreneurship and enable all round personality development in students

The objectives of our institution

Striving for academic excellence to enhance the quality of education.

Equipping our students with global competencies

Instilling values in our students for responsible citizenship.

Empowering students to excel in global competitions.

Cultivating a research culture within the institution.

The Institution's governing body convenes annually to develop and approve strategic plans aligned with the institution's vision and

mission. These plans are formulated based on a thorough analysis of the institution's strengths, weaknesses, opportunities, and threats (SWOT), taking into account input from stakeholders. Committees such as IQAC, Planning and Evaluation, Finance, Anti-ragging, and Grievance Redressal are responsible for implementing these strategic plans effectively and responsibly.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://www.hit.edu.in/AOAR%202022-2023/CRITERION6/6.1.1%20Governing%20of%20Institution%20Reflection%20additional%20information.pdf

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

The governing body oversees the decision-making and planning processes for the academic year. Based on these plans, various committees develop their activities. The institution has established a range of committees and clubs to implement and monitor the strategic plans. Each committee includes stakeholders such as management, the Principal, faculty members from all departments, students, alumni, parents, and employers. These committees organize numerous activities that are characterized by democratic decision-making under the guidance of the management. The responsibilities of these committees encompass tracking co-curricular and extra-curricular activities, promoting social, ethical, and environmental awareness among students, engaging in voluntary activities, and fostering a research culture. The Principal and senior faculty members regularly review these activities. Academic and administrative transparency is ensured through faculty meetings and postings on notice boards and the website. Student attendance is recorded monthly by class advisors, and consolidated attendance is displayed on notice boards for students' reference. Additionally, student attendance is periodically communicated to their respective parents. All relevant documents are readily available for inspection by various bodies, including the Social Welfare Departments, University Committees, AICTE, and NBA.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	http://www.hit.edu.in/AQAR%202022-2023/CRITERION6/6.1.2%20additional%20info%20governing%20of%20ins-2.pdf

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

Based on the institute vision and mission of the institution, the long term and short term goals of the institution is defined.

Short term goals are:

- Enhance the research and consultancy
- To get research centre recognition for all eligible departments
- To increase the number of funded research projects
- To get NBA accreditation for all eligible departments
- To introduce new UG and PG courses in emerging areas

Long term goals are:

- To have 80% of faculty with Ph.D qualification
- To have incubation centres in the institution
- To tie-up with reputed foreign university for student exchange programme
- To develop own e-learning platform and provide e-learning modules and attract more learners
- To promote students to become entrepreneurs

To achieve these goals, the institution is motivating the faculty members to register for Ph.D programme and most of the faculty members have now registered for Ph.D programme.

To promote culture of innovation and research among faculty and students to drive progressive technological growth, Research Committee has been established to facilitate research activities,

providing training in analytical tools to both faculty members and students. Over 80% of student projects are conducted in collaboration with industries, and the outcomes of research projects are regularly published in international journals

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	http://www.hit.edu.in/AOAR%202022-2023/CRITERION6/6.2.1%20Strategic%20Plan%20and%20deployment%20documents%20on%20the%20website.pdf
Upload any additional information	View File

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

The principal oversees the financial, academic, administrative, and evaluative aspects of the college. Department heads facilitate the smooth and efficient functioning of their respective departments by assigning various tasks to faculty members. The Principal acts as the Chief Superintendent for university examinations to ensure their smooth conduct.

The Controller of Examinations, supported by a team of faculty members, assists in the successful administration of exams.

Various statutory and non-statutory committees manage academic and administrative matters in accordance with AICTE and Anna University guidelines.

The Administrative Officer and Office Manager oversee administrative functions performed by clerical, programming, data entry, and ministerial staff.

The Estate Officer supervises overall maintenance works. All monetary transactions, including receipts and payments, are conducted through banks.

The college's functions are meticulously planned, coordinated, and executed by both teaching and non-teaching staff. General administration rules, recruitment procedures, service conditions, leave policies, and staff promotion and increment policies have been established since the institution's inception. Any changes are made

in accordance with AICTE/Anna University/state government regulations or college policies when necessary

File Description	Documents
Paste link to Organogram on the institution webpage	http://www.hit.edu.in/AQAR%202022-2023/CRITERION6/6.2.2%20Organogram.pdf
Upload any additional information	View File
Paste link for additional Information	http://www.hit.edu.in/AQAR%202022-2023/CRITERION6/6.2.2%20%20Intitonal%20bodies%20additional%20information.pdf

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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

The institution supports teaching and non-teaching staff in various aspects.

For teaching staff are provided with on duty leave for their career development and participate in FDP, Conferences, etc. Research scholars are provided with special on duty leave. The institution supports faculty members with financial support for attending FDP's, industry interactions, project presentations, publication of papers, undertaking any certification or online courses, etc. Many faculty members have utilized the facility and got benefited. Also the faculty who have received funds from various government agencies for

seminar / workshop / project are provided with remuneration in order to appreciate their efforts.

The college is presently awarding cash awards to faculty members producing 100% results. Qualified and experience staff are promoted to higher cadres periodically. Eligible Teaching staff are also provided with financial aid for becoming members of Professional bodies like IEEE, IE&ISTE

For teaching and non-teaching faculty:

- Various kinds of leave like casual leave, vacation leave, permission, leave on loss of pay, compensation leave, maternity leave, have been practiced in the institution for both teaching and non-teaching faculty
- ESI, PF, have been provided

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.hit.edu.in/AQAR%202022-2023/CRITERION6/6.3.1%20additional%20inf%20HR%20Rules.pdf

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

33

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

10

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	View File

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

203

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Budget provisions are formally identified and approved yearly. The expenditures are made in the most economical and transparent manner in conformity with the procedures prescribed in the rules. The income and expenditure of the Institute are subjected to the regular audit. The Institute has a mechanism for its internal and external financial audits. Internal Auditors from finance committee and accounts office verify the budget proposals, sanction and expenditure details.

The Institution has its Planning and Evaluation, Finance Committees which scrutinizes the Institutional financial requirements from the Departments every year and forwards the same to the Management for approval. The Heads of the Departments continuously monitor the academic, Co-Curricular and Extracurricular activities. We have an effective internal audit mechanism twice in a year where, the Heads of the Departments and deputed internal auditors will audit the departments to ensure the action plan taken during the academic year and its execution. The Laboratory utilization is enhanced based on

the student's strength.

To maintain a financial prudence, ensure good Accounting practices in the Institution and to provide a proper platform for Audit Compliance and for better governance, an external Audit is carried out our Institution Chartered Accountant

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://hit.edu.in/AQAR%202022-2023/CRITERION 6/6.4.1%20addditional%20inf%20internal%20external%20audit.pdf

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

3.75

File Description	Documents
Annual statements of accounts	View File
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	View File

6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

The management retains all financial authority within the institution. The principal is authorized to approve bills for payments up to Rs. 1,00,000 after receiving approval from the management. Department heads have the authority to approve payments up to a maximum of Rs. 10,000. The Heads of Departments (HoDs) prepare the annual budget, which is then reviewed by the principal and granted permission by the management. The principal establishes separate committees as needed for the effective functioning of the college, and takes necessary actions based on their recommendations.

The budget is incrementally increased each year to accommodate purchases, equipment servicing, lab replacements, and new lab creations. The yearly budget is prepared by considering the needs

and requirements of laboratory and infrastructure development, as well as the needs of students, faculty, and staff, along with advancements in technology.

Budget estimates are prepared by each department and reviewed in HoDs meetings with the principal. After deliberations, the prepared budget is adjusted within departments and forwarded to the principal for finalization at the college level. The final budget is then submitted to the management for approval and sanction, which is typically approved almost entirely after passing in the governing body meeting

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://www.hit.edu.in/AOAR%202022-2023/CRITERION6/6.4.3%20new%20additional%20information%20for%20utilization%20of%20resources.pdf

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

Implementing a flexible academic curriculum during the Academic Year 2022-23, with provisions for credit transfer through MOOCs. The Flexible Scheme for this curriculum was developed by the Institute and approved by the Academic Council. The introduction of vertical courses pertaining to Minor degree and honors degree. The interaction between the industry and the institute has been strengthened.

- Continuous training for faculty members in ICT tools aims to enhance the effectiveness of the teaching-learning process. Through these tools, faculty members have prepared video lectures. Faculty members and students have been trained in 'Nan Muthalvan' Scheme of Tamilnadu Government.
- To foster a research culture, the Management has supported 16 research projects through the Research Seed Money Scheme. Faculty members have published 93 research papers in SCOPUS-indexed journals. Additionally, 42 textbooks have been published.

- Administrative and academic audits have been conducted under the guidance of external experts. ISO audit has also been completed.
- Stakeholder feedback and suggestions have been integrated into the curriculum design for all undergraduate and postgraduate programs. Additionally, value-added courses in collaboration with reputed industries have been conducted for all programs

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.hit.edu.in/AOAR%202022-2023/CRITERION6/6.5.1%20Additional%20inf%20Iqac%20strategies%20and%20Process.pdf

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

The Academic Auditing process is designed to uphold and elevate the quality of technical education by providing clear guidelines for both faculty and students. This comprehensive evaluation encompasses various key areas:

- Teaching methodologies
- Syllabi design and implementation
- Examination results and assessment methods
- Attendance tracking
- Research activities
- Academic decision-making processes and their execution
- Academic administration efficiency
- Student facilities
- Teaching and research infrastructure
- Laboratory facilities
- Benchmarking against best practices

Weekly audits of classwork records are conducted by Heads of Departments, with monthly reviews overseen by the Principal. Any discrepancies in record-keeping are promptly addressed by the Principal, who provides counselling to faculty members as necessary. A dedicated committee evaluates test papers and reports, providing further guidance and support to faculty.

The auditing process commences with preparatory meetings, followed by auditors conducting assessments within classrooms during scheduled times. Reports are then disseminated to Heads of Departments, with individual faculty members receiving feedback through their respective department heads. Faculty members with subpar teaching performance receive counselling sessions led by their department heads. External audits serve to validate the effectiveness of academic practices against established standards and procedures.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://hit.edu.in/AQAR%202022-2023/CRITERION 6/6.5.2%20Additional%20inf%20IQAC%20teaching %20learning.pdf

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution

Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	http://hit.edu.in/AQAR%202022-2023/CRITERION%206.5.3%20Annual%20report%20of%20institution%202022-23.pdf
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	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

Awareness programs like importance of human rights, Rights of Women in Domestic problems, Cyber security awareness programs related to the safety and security of women employees and students are conducted periodically.

The institution constituted the following committees as per norms laid by University/UGC: Institution Grievance Redressal Committee, Anti-Ragging, POSH cell, Students' Disciplinary Committee, Women Welfare & SC /ST Students Welfare Committee,

The functions of these committees are displayed on the website of the institution and information is being disseminated to the students through orientation and induction programs. The institution provides safety and security facilities for the staffs and students such as CCTV Surveillance throughout the campus and security arrangement.

Students wear ID cards at all times. The institution has a dedicated Counselling Centre and good mentoring system for the students to take care of their academic, emotional, social and cognitive development. Personal Counselling is provided to the students at different levels. There are separate washroom facilities for girls and boys

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://www.hit.edu.in/AQAR%202022-2023/7.1.1 Measures initiated by the Institution for the promotion of gender equality additional information2022_23.pdf

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

A. Any 4 or All of the above

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

Solid Waste Management: The Institute has a place on its campus where the solid wastes materials are disposed. However, there does not exist more waste from college

Liquid Waste Management- The waste water is carried out through the pipeline and through closed channels. It is disposed to the central collection system of Panchayat waste water collection and disposal

There are no Biomedical, Electronic, Hazardous chemicals and radioactive wastes produced in side the campus

Waste recycling system: Waste water is treated and recycled for agricultural purpose. Biodegradable waste are deposited as manure in the coconut tree

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geotagged photographs of the facilities	View File
Any other relevant information	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
Geotagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

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

A. Any 4 or All of the above

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

File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

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

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:

A. Any 4 or all of the above

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

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	View File

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

A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	View File
Details of the software procured for providing assistance	View File
Any other relevant information	View File

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

We believe in unity in diversity that's why our students respect the different religion, language and culture. We greet and wish each other at different festivals and invite them to have a feast to get introduced with ones culture to have amicable relations and to maintain the religious, social and communal harmony. Similarly our students also celebrate the different festivals with joy and enthusiasm which help them to implant the social and religious harmony. The diversity in India is unique. Being a large country with large population, India presents endless varieties of physical features and cultural patterns. It is the land of many languages it is only in India people professes all the major religions of the world.

Cultural programs are organized every year during the annual day celebration. Festivals like Onam, Pongal and Sankrathi are celebrated. Through this activity students get acquainted with the different culture of our nation and help to develop the tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities. This also creates the inclusive environment in the college and society.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File

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

The Institute undertakes different initiatives by organizing various activities to sensitize students and employees to the constitutional obligation: Values, Rights, Duties and responsibilities of the citizens. Our constitution provides for human dignity ,equality, Social justice, Human rights and freedom ,Rule of law ,equity and respect and superiority of constitution in the national life .The whole country is government on the basis of the rights and duties enshrined in the Constitution of India mandatory courses like Universal Human values and Healthy sciences, Essence of Indian traditional knowledge and Indian constitution. Every year Republic day is Celebrated on 26th Jan by organizing activities highlighting the importance of Indian Constitution. Independence day is also celebrated every year to highlight struggle of freedom and importance of Indian constitution.

More than 50 Faculty members have undergone Faculty Development program on Universal Human values and they are training the students during orientation programme

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	View File

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the 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 programmes, etc. in support of the claims	View File
Any other relevant information	View File

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

Institution celebrates/ organizes national and international commemorative days, events and festivals. Our institution celebrates these events with great enthusiasm to commemorate the ideology of nationalism and to pay tribute to our great National Leaders.

Republic day- The institution celebrates Republic day on 26th January every year, commemorating the adoption of Indian constitution and spreading the message that India is the largest democratic country in the world. The celebration includes the hoisting of national flag and spreading a warm message of nationalism .Independence Day is celebrated every year on 15th of August, parades and flag hoisting is organized and is celebrated to mark freedom of India from British rule. The institution encourages students to remember our national leaders and their sacrifices.

Gandhi Jayanti is celebrated every year on 2nd October to understand the ideology of our great leader Mahatma Gandhi. International Yoga day is celebrated on 21st June every year. The yoga Instructor organizes the yoga camp

Voters Day is celebrated on 25th January wherein the students are given awareness on their duties and rights as a loyal citizen.

Students also celebrate World Health Day,World Environment day,World Entrepreneurs day,National Innovation day,National Education day, and National Energy Conservation day

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

Best Practice I: Fostering a culture of innovation and research among faculty and students to drive progressive technological growth

Best Practice II: Encouraging Excellence: Recognizing Outstanding Performance in Teaching and Learning among Teaching and Non-teaching Staff as well as Students through Awards and Recognition in Various Categories

Web Link: http://www.hit.edu.in/AQAR%202022-2023/7.2- Best Practices 2022_23.pdf

File Description	Documents
Best practices in the Institutional website	http://www.hit.edu.in/AQAR%202022-2023/7.2 - Best Practices 2022_23.pdf
Any other relevant information	http://www.hit.edu.in/AQAR%202022-2023/7.2%20-%20Best%20Practices%20additional%20information_2022_23.pdf

7.3 - Institutional Distinctiveness

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

Institutional Distinctiveness

Hindusthan Institute of Technology places great emphasis on the holistic development of its students, recognizing them as future ambassadors of the college. The Institution provides value-based

quality education that equips learners with the capabilities needed to become global leaders.

Our Institute strives to become a globally renowned institution by fostering knowledge, innovative research, and instilling human values to tackle global challenges with a focus on novelty and sustainability.

The Institution distinguishes itself by cultivating next-generation leaders through effective teaching and learning methodologies, enhancing students' research capabilities beyond traditional classroom education, instilling human values and ethical principles to meet societal needs and fostering talent, entrepreneurship, and facilitate comprehensive personality development in students

Corporate Relations Cell is an integral part of the institution, ensuring that students are well-trained and prepared for campus interviews through an effective soft skill development center.

Cultural functions organized by the institution each year highlight various arts and inspire students to excel in co-scholastic areas.

Thus, the Institution strives to achieve its vision and mission by providing physical infrastructure, scholastic facilities, and extracurricular activities, organizing different events, and creating platforms for student development.

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

The Institute has established a systematic approach for the formulation, revision, and implementation of the curriculum in all of its departments. The curriculum has been carefully crafted to handle latest technology and possibilities that exist at the regional and global levels.

Factors considered during Curriculum development:

- Model Curriculum of UGC,AICTE & reputed Universities
- Inputs from stake holders, National Education Policy 2020 & NSDC annual report
- Syllabus of various competitive exams such as GATE& IES
- The Institute pays close attention to the accomplishments of PEO, PO, and PSO for their respective programmes, which are closely related to the institution's Vision and Mission, as well as the Department's Vision and Mission.

The Curriculum Design Process :

- As per the feedback received from stack holders, Department Advisory Committee prepares the curriculum and it is presented in Board of Studies. Final approval is obtained from Academic Council.
- Enrolment in MOOCs, NPTEL, Coursera and edX is encouraged. Internships have been made mandatory for all students. Value added courses are also being conducted

<http://hit.edu.in/aero.html>

<http://hit.edu.in/auto.html>

<http://hit.edu.in/cse.html>

<http://hit.edu.in/ece.html>

<http://hit.edu.in/it.html>

<http://www.hit.edu.in/mech.html>

<http://www.hit.edu.in/Pharmaceutical.html>

<http://hit.edu.in/mba.html>

File Description	Documents
Upload additional information, if any	View File
Link for additional information	http://www.hit.edu.in/AQAR%202022-2023/1.1.1_Curriculum_and_Desgin_Development_Additional_Information_2022_23.pdf

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

10

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	View File

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

30

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	View File
Any additional information	View File

1.2 - Academic Flexibility**1.2.1 - Number of new courses introduced across all programmes offered during the year****30**

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System**10**

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

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

Various types of courses have been incorporated into the curriculum in order to address cross-cutting issues such as

- o gender,
- o environment and sustainability,
- o human values
- o professional ethics

As an important aspect of student participation in social activities throughout their programme of study, the college requires all students to enlist as National Social Service

/National Cadets Corps

Its goal is to instil values, ethics, and socially responsible characteristics in students. Students plan street performances, awareness campaigns, debates, and other activities. Students have been involved in activities that promote human values from the institution's foundation

The courses like Universal Human values and healthy sciences are being offered aiming to develop students' sensibility with regard to issues of gender equality. Through courses like Environmental Science and Engineering, Renewable Energy Sources and Professional Ethics in Engineering, the Institute integrates cross cutting issues related to environment, sustainability and human values

List of Courses

22MC801 Universal Human Values And Healthy Practices

22MC802 Environmental Science And Engineering

22MC803 Indian Constitution

22MC804 Essence Of Indian Traditional Knowledge

22PBA23 Indian Ethos and Ethics

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	View File

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

14

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	View File

1.3.3 - Number of students enrolled in the courses under 1.3.2 above**901**

File Description	Documents
List of students enrolled	View File
Any additional information	View File

1.3.4 - Number of students undertaking field work/projects/ internships / student projects**1021**

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni	A. All 4 of the above
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File Description	Documents
Provide the URL for stakeholders' feedback report	http://www.hit.edu.in/AQAR%202022-2023/Fee Feedback System 2022-2023.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following	A. Feedback collected, analysed and action taken made available on the website
---	---

File Description	Documents
Provide URL for stakeholders' feedback report	http://www.hit.edu.in/AQAR%202022-2023/Fee Feedback System 2022-2023.pdf
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

671

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

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

444

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

Slow learner and advanced learners are identified for each course. The wide range of continuous assessment components including Class Assignments, Seminars and Group Discussions, Quizzes and Class Tests enable effective assessment of learning levels of students.

Strategies adopted:Slow learners

- Peer Learning is practiced to enhance the learning abilities of the students who are helping their peers as well as the student beneficiaries
- Remedial Classes are conducted to improve the academic performance of the slow learners, absentees and students who participate in sports and other activities. This practice helps the struggling learners to improve subject knowledge and helps them catch up into their peers
- Group Study System is also encouraged with the help of the advanced learners

Advanced learners

- The advanced learners (above 7.5 CGPA upto V sem) are allowed to do Fast track courses
- Advanced learners are encouraged to enroll in MOOC Courses – Swayam, EdX, Coursera and the credits will be given when successfully completing this certification courses.
- Advanced Learners are provided coaching classes for competitive examination and GATE
- Talented students are motivated to participate in Yukti 2.0, Hackathons, Toycathon, Intec Olympiad, Paper Presentations, Project Competitions and participate in Summer Projects and Internships

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.hit.edu.in/AQAR%202022-2023/2.2.1-The institution assesses students' learning levels -AdditionalInformation-22-23.pdf

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/06/2022	2193	181

File Description	Documents
Upload any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student-centric methods such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences:

To ensure that the students are conceptually sound and able to apply the concepts in the practical situations the Institute adopted various methods of experiential and participative learning and has been using problem solving methodologies for enhancing learning experiences.

The Laboratory work for the practical courses is designed to give opportunity to the students for experiential learning. Internships/field training are integrated into the programme structure.

Experts from industry share their experience with the students which prepare them for the real time job scenario. They are also taken to field/industry visits and study tours in India. It exposes them to the world of practical knowledge to hone their skills and abilities.

The students take active part in organizing various extra and co-curricular events which help them develop their skills. Special

programmes on Women's Day, Republic Day, International Yoga Day, Independence Day, etc. are also conducted by them.

Students undertake group activities such as project assignments, case-study analysis which leads to participative learning.

Students participate in outreach programmes, social and extension activities. Along with the classroom teaching and laboratory-experiment-based learning, students are also involved in projects which help enhance the real-life problem solving abilities of the students.

File Description	Documents
Upload any additional information	View File
Link for additional Information	http://www.hit.edu.in/AQAR%202022-2023/2.3.1-Student-centric-method-AdditionalInformation22-23.pdf

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

The class rooms and design laboratories are ICT enabled with LCD projectors and the campus is enabled with high speed WiFi connection. They are also equipped by digital library, online search engines and websites to prepare effective presentations. Google classroom is used to manage and post course related information- learning material, quizzes, assignments etc.

Online drawing tools like concept maps, mind maps, are used to perform student centric activities. Laboratory manuals are mailed to students well in advance the experiment is performed.

Use of ICT By Faculty-

- Industry Connect- Seminar and Conference room are digitally equipped where guest lectures, expert talks and various competitions are regularly organized for students.
- Video lecture- Recording of video lectures is made available to students for long term learning and future referencing.

- Technical & management events such as Poster making, Ad-mad show, Project presentations, Business quiz, Debates, paper presentations etc. are conducted

Simulation for CNC, Flight Navigation and Fluid flow analysis are being carried out for better understanding

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	http://www.hit.edu.in/AOAR%202022-2023/2.3.2-Teachers-use-ICT-Tools-additional-information22-23.pdf
Upload any additional information	View File

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

2.3.3.1 - Number of mentors

181

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

The Institution publishes Academic calendar adhering to the academic schedule prescribed Anna University & CoE of the Institute before the start of the academic year. It reflects the working days, the internal assessment test schedule, tentative dates of commencement of theory and practical examinations on the semester.

The Timetable Committee headed by the Principal and coordinated by a senior Faculty Member draws up a detailed timetable which efficiently deploys the units of time for academic and co-curricular activities like theory, practical, tutorial, ICT, life-skill, value education and add-on classes.

Class information sheet which contains PO, PSO and Assessment pattern for courses is provided to students. The lecture plan

included in the Course Information Sheet is followed and Faculty members take utmost care to complete the syllabus in time. Continuous Assessment System is followed for awarding internal marks.

Laboratory manuals are provided at the starting of course. Faculty members conduct pre experiments and keep the equipment ready for practice.

Students get exposure to Industry operations by regularly visiting Industries. In plant training is arranged during vacation period.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

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

181

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

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

46

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	View File

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

7

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	View File

2.5 - Evaluation Process and Reforms

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

23

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	View File

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

167

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	View File

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

The IT integration has modernized the entire examination process accelerated the functioning mechanism, while making the whole process more transparent

Exam cell automation software is used for effective management of examination processes starting from student Data input, subject allocation, exam time table preparation, internal OMR generation, semester Attendance OMR, Exam Room and seat allocation, Exam attendance, OMR, External OMR, Result Generation, Moderation, Revaluation and printing of Mark sheet, Consolidated Mark sheet and many more customized report generation

The office of the CoE maintains its constant touch through various meetings with the department examination coordinators, Examination board members, Heads of Departments and Accounts Manager for smooth and up to date functioning of the examination system. The office of CoE invests every effort to maintain confidentiality of question papers received from external examiners.

Continuous Assessments process in the form of internal theory examinations, assignments, tutorial, seminars, quiz etc. help students to improve their performance and provide enough scope to the teachers to monitor the progress of students on a regular basis. Question papers are designed and set from all the units with internal choice. Squads consisting of senior faculty members are appointed to monitor both internal assessment and end semester examinations

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://www.hit.edu.in/AQAR%202022-2023/2.5.3-IT-Integration-reforms- additional information22-23.pdf

2.6 - Student Performance and Learning Outcomes

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

The Institute has clearly stated learning outcomes of the Programs and Courses. The following mechanism is followed by the institution to communicate the learning outcomes to the teachers and students.

- Hard Copy of syllabi and Learning Outcomes are available in the departments for ready reference to the teachers and students

- The importance of the learning outcomes has been communicated to the teachers in every IQAC meeting and College Committee meeting
- The students are also made aware of the same through Tutorial meetings Workshops have also been conducted for developing the Programme Educational Objectives and Learning outcomes at Institute level
- Website
- Curriculum /regulations books
- Class rooms
- Department Notice Boards
- Laboratories
- Student Induction Programs
- Meetings/ Interactions with employers
- Parent meet
- Faculty meetings
- Alumni meetings
- Professional Body meetings
- Library

While addressing the students, the HODs create awareness on POs, PSOs and COs. The faculty members, class teachers, mentors, course coordinators, program/ISO coordinators also inform the students and create awareness and emphasize the need to attain the outcomes.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	http://www.hit.edu.in/AQAR%202022-2023/2.6.2 Attainment of Programme Outcomes and Course Outcomes as evaluated AdditionalInformation 2022-23.pdf

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

Each course has a set of course outcomes and evaluation criteria. The course outcomes are mapped to the program outcomes to provide the quantitative measurement of how well the program outcomes are achieved. The performance of the students in the examination during the semester in each course is used to compute the level of attainment of the POs and PSOs through the mapping of questions to COs and COs to POs and PSOs. CO-PO & PSO mapping for all the courses in the program is prepared by the program coordinator in consultation with other faculty members. Internal assessment is the requirement of the continuous assessment and is essential for the fulfilment of the COs and POs.

Direct assessment -80%

- Continuous Internal Assessment (CIA)
- End semester examinations
- Assignments, Quiz

Indirect Assessment - 20%

- Course exit survey
- Graduate exit survey
- Alumni survey

Components considered for indirect attainment assessment are

- 1. Course exist survey**
- 2. Co-curricular and extracurricular activities**
- 3. Performance in competitive exams**
- 4. The assessment scores are quantified between 1 to 3.**

All the feedbacks with defined parameters are collected through college Learning Management System. The indirect assessments are quantified and contributed to 20% of the overall course outcome.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://www.hit.edu.in/AQAR%202022-2023/2.6.2_Attainment_of_Programme_Outcomes_and_Course_Outcomes_as_evaluated_AdditionalInformation_2022-23.pdf

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

439

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
Paste link for the annual report	http://www.hit.edu.in/AQAR%202022-2023/2.6.3_Pass_Percentage_of_student_AdditionalInformation_22-23.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

http://www.hit.edu.in/AQAR%202022-2023/2.7.1_SSS_FINAL_COPY_22-23-1.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

Necessary infrastructural facilities and a conducive environment to foster research activities are being continuously enhanced. Faculty members are actively encouraged to seek funding from various agencies and to pursue their research interests.

Centers of Excellence have been established to facilitate research and consultancy endeavors. Additionally, partnerships with industries have been forged to establish state-of-the-art laboratories, enabling cutting-edge experimentation in various technological domains.

The Research Committee annually issues a Call for Proposals to solicit applications for seed funding, typically in June/July. Proposals undergo rigorous evaluation by the committee, focusing on feasibility, robustness, and potential real-world applications. Faculty and students are strongly encouraged to present their project ideas before the committee to secure seed funding in accordance with institute guidelines.

The institute further incentivizes faculty members by offering rewards for peer-reviewed publications, authoring books, and patent filings. This commitment to supporting research is bolstered by ongoing investment in research facilities

-

The following Facilities have been updated during 2020-21

Updated 4 GB to 8 GB RAM

Vmware

Data Analytics Tools

-
-
-

Biomass Gasification research Centre**SPV Power plant****Supersonic Wind Tunnel****Flight Simulator****Drone Technology and Aerospace research Centre****Centre for Additive manufacturing****Texas Instruments Embedded Laboratory****Advanced Communication Laboratory**

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	http://www.hit.edu.in/AQAR%202022-2023/3.1.1_Promotion_of_Research_and_Facilities_additional_information_2022_23.pdf
Any additional information	View File

3.1.2 - The institution provides seed money to its teachers for research**3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)****23.5**

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	View File
Any additional information	View File

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

19

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	View File

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

23.795

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	View File

3.2.2 - Number of teachers having research projects during the year

18

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://www.hit.edu.in/AQAR%202022-2023/3.2 .2 - Number of teachers having research projects during the year additional information 2022 23.pdf
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	http://www.hit.edu.in/AQAR%202022-2023/3.2 .2 - Number of teachers having research projects during the year additional information 2022 23.pdf
Any additional information	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

The Institution's Innovation Cell is dedicated to fostering a culture of innovation among both students and faculty, providing support to transform innovative ideas into tangible prototypes. In recognition of its efforts, the institute was awarded a 4-star rating during the 2022-2023 academic year for its comprehensive approach to promoting innovation, entrepreneurship, community engagement, and incubation.

Under the Scheme for Promoting Interests, Creativity, and Ethics among Students (SPICES), faculty and students are encouraged to engage in creative endeavors, offering training in creative thinking, problem-solving, and collaboration skills. The institute has successfully cultivated a dynamic local innovation ecosystem and start up support mechanism, with students actively leveraging technology to address societal needs.

Centers of Excellence within the institute receive support for documentation, publication of research papers and patent acquisition. Additionally, the institution regularly hosts workshops, seminars and conferences to enrich the research and innovation landscape.

The Entrepreneurship Development Cell conducts ongoing programs to nurture entrepreneurial skills, resulting in support for over six start up ventures. Furthermore, various clubs and committees, including NSS, NCC, YRC, RRC, as well as clubs like Green Club and Energy Club, organize social initiatives aimed at fostering self-sustainability and promoting an environmentally friendly ecosystem within the local community

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.hit.edu.in/AQAR%202022-2023/3.3_Innovation_system_additional_Information_2022_23.pdf

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

46

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	View File

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software	A. All of the above
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File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	View File

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year**3.4.2.1 - Number of PhD students registered during the year****1**

File Description	Documents
URL to the research page on HEI website	List of PhD scholars and details like name of the guide, title of thesis additional information 2022 23.pdf">http://www.hit.edu.in/AQAR%202022-2023/3.4.2>List of PhD scholars and details like name of the guide, title of thesis additional information 2022 23.pdf
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

75

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

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

48

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.hit.edu.in/AQAR%202022-2023/3.4.4%20Number%20of%20books%20and%20chapters%20in%20edited%20volumes%20books%20published%20per%20teacher%20additional%20information%202022_23.pdf

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed**3.4.5.1 - Total number of Citations in Scopus during the year**

764

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	View File

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University**3.4.6.1 - h-index of Scopus during the year**

35

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	View File

3.5 - Consultancy**3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)****24.60200**

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	View File
Any additional information	View File

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year**984080**

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	View File
List of facilities and staff available for undertaking consultancy	View File
Any additional information	View File

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

Engagement in extension and outreach activities serves to raise awareness among students on critical social issues such as gender discrimination, girl child education, child abuse, violence victims, cleanliness, tree plantation, environmental conservation, self-improvement, and health education. These initiatives foster a sense of social and environmental responsibility among participants.

The Institute actively organizes numerous extension activities aimed at bridging the gap between the institution and the surrounding community, sensitizing students to local needs and concerns. Students' involvement in social service endeavors contributes significantly to their holistic development, with NSS and NCC playing pivotal roles.

NSS conducts a residential seven-day camp in nearby adopted villages, where volunteers address a spectrum of social issues, including cleanliness drives, tree plantation, social interactions, group discussions, superstition eradication, environmental awareness, women's empowerment, national integrity, blood donation camps, veterinary guidance, and farmer outreach programs.

The NCC unit spearheads various extension initiatives such as tree plantation drives, road safety awareness campaigns, Drive away Drug use , Swachh Bharat Abhiyan, and national equality awareness campaigns. Additionally, volunteers from the Youth Red Cross and Red Ribbon Club organize health check-up camps and raise awareness about HIV/AIDS prevention, conducting dental check-up camps to educate the public on various health concerns

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.hit.edu.in/AQAR%202022-2023/3.6.1_Extension_Activities_additional_information_2022_23.pdf

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

16

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	View File

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

23

File Description	Documents
Reports of the events organized	View File
Any additional information	View File

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

1278

File Description	Documents
Reports of the events	View File
Any additional information	View File

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

102

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	View File

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

13

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

The Institute boasts robust policies, procedures, and a monitoring system in place to ensure the efficient maintenance and utilization of its campus facilities. With a keen focus on meeting the needs of students, faculty, and non-teaching staff, Hindusthan Institute of Technology maintains a sprawling, high-tech campus spanning 136 acres.

Equipped with state-of-the-art facilities and resources, the institute is committed to realizing its vision and strategic objectives of academic excellence.

Its infrastructure encompasses various categories:

(a) Learning Resources: encompassing libraries, laboratories, computer centers, classrooms, spaces for events, meetings, and conferences.

(b) Support Facilities: including hostels, canteens, seminar halls, committee rooms, and sports grounds.

(c) Utilities: ensuring access to safe drinking water, well-maintained restrooms, and reliable power generators.

Classes are meticulously scheduled to optimize the use of available infrastructure, with an emphasis on sharing laboratory facilities between departments. Continuously striving for

improvement, the institute invests in enhancing both its physical structures and other facilities, fostering an environment conducive to effective teaching and learning

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.hit.edu.in/AQAR%202022-2023/4.1.1 - Infrastructure and physical facilities Additional Information 2022 23.pdf

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

The Institute boasts ample facilities catering to sports, games, and cultural activities, spread across a total area of 10 acres. Two expansive playgrounds offer opportunities for various games, including Athletics, Cricket, Football, Volleyball, Basketball, and Kho-kho, while separate fields accommodate Tennis courts. Indoor and outdoor badminton courts, along with a gymnasium, complement the outdoor facilities.

Each faculty is equipped with well-appointed assembly halls for hosting annual functions and cultural events. The hostels also provide facilities for outdoor and indoor sports and games such as badminton, volleyball, basketball, carrom, table tennis, and chess, in addition to a gymnasium. Regular inter and intra-college competitions are organized, with students receiving specialized training for participation in Zonal and Inter-Zonal National Youth Festivals competitions, the National Youth Parliament competition, and other cultural and sports events beyond the campus.

Furthermore, some faculty members serve as certified Yoga instructors, conducting special classes on self-defense tailored for female students. National Independence Day and Republic Day are celebrated with fervor at the Institute, featuring the hoisting of the national flag followed by a guard of honor by NCC students in honor of the Chief Guest.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	http://www.hit.edu.in/AQAR%202022-2023/4.1.2 Institution has adequate facilities for sports,games gymnasium etc Additional Information 2022-2023.pdf

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

20	
File Description	Documents
Upload any additional information	View File
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure for infrastructure augmentation, excluding salary, during the year (INR in Lakhs)**98.53982**

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	View File

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

The Central Library at the Institution stands as a well-equipped hub, seamlessly integrated and automated with the Lips iNet Version 5.0 Integrated Library Management System (ILMS), a fully automated system since its implementation in 2007.

For access to the library's vast collections, the Online Public Access Catalog (OPAC) serves as the primary gateway. Users can navigate the OPAC through dedicated computers and an E-gate register. Complementing this, the library hosts a Knowledge Center (Digital Library), featuring 15 computers for accessing e-resources, conducting web browsing, and engaging in research-related activities.

With an extensive array of books spanning various disciplines, including rare manuscripts and a plethora of e-journals and e-books, the library caters to the diverse needs of its patrons. Clear name boards facilitate easy navigation for users, while faculty, students, and research scholars enjoy unrestricted computer access during operational hours.

On any given day, approximately 200 students make use of the library's resources, including books, newspapers, and journals. Furthermore, provisions are in place for photocopying, downloading, and printing materials from these resources. Each department is furnished with a specialized library, stocked with domain-specific books accessible to both students and faculty members. Upload any additional information

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.hit.edu.in/AQAR%202022-2023/4.2.1_Library_is_automated_using_Integrated_Library_Management_System_Additional_Information_2022_23.pdf

4.2.2 - Institution has access to the following:
e-journals e-ShodhSindhu Shodhganga
Membership e-books Databases Remote
access to e-resources

A. Any 4 or more of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	View File

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)

16.87414

File Description	Documents
Audited statements of accounts	View File
Any additional information	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 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

382

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

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

To ensure the proper management, security, and lawful utilization of the Information Technology (IT) infrastructure, the Institute has established a comprehensive IT policy. This policy governs all technology assets centrally administered by the Institute, extending its coverage to resources managed by individual departments, including the Library, Computer Labs, Laboratories, and Administrative Offices.

The IT policy focuses on various key areas:

- Guidelines for IT Hardware Installation and Maintenance
- Procedures for Software Installation and Licensing
- Usage guidelines for Network (Intranet & Internet)

- Guidelines for E-mail Account Usage
- Procedures for Web Site Hosting
- Roles and responsibilities of Network/System Administrators
- Maintenance protocols for LCD Projectors, Printers, Biometric systems, and Intra-communication systems
- Support systems during online classes and examinations

Annually, a budget proposal is meticulously drafted and presented for the enhancement and upkeep of Computer and IT Infrastructure facilities. Following review and approval by the finance committee, these proposals pave the way for necessary upgrades and maintenance activities to ensure the seamless functioning of IT resources across the Institute.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.hit.edu.in/AQAR%202022-2023/4.3.1_IT_policy_covering_Wi-Fi_cyber_security_allocated_budget_for_IT_Additional_information_2022_23.pdf

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
2193	744

File Description	Documents
Upload any additional information	View File

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus	A. ?50 Mbps
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File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	View File

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing	A. All four of the above
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File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.hit.edu.in/AQAR%202022-2023/4.3.4%20Institution%20has%20facilities%20for%20e-content%20development%20Additional%20Information%202022_23.pdf
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

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

196.27404

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities – classrooms, laboratory, library, sports complex, computers, etc.

Classrooms are allocated department-wise, with maintenance responsibilities, including monitoring fans, lights, boards, and LCD projectors, overseen by class advisors and tutors. Each floor is equipped with a fire fighting system to ensure safety.

Industrial exposure is provided within laboratories, with designated areas for machinery, walkways, and tools. Laboratory technicians receive regular training, and instruments undergo periodic servicing and calibration. To prevent fire accidents, petrol, diesel, and oil are stored in secure containers.

A meticulous record-keeping system is maintained, comprising stock registers for equipment, maintenance logs, and issue registers, ensuring accountability and integrity.

In the library, students and faculty are encouraged to log their usage, with designated library hours for classes, allowing access to various journals, textbooks, and online resources. Book requirements for each academic year are determined and issued by management accordingly.

Regular maintenance is conducted on sports facilities to ensure their optimal use on a daily basis.

Computer resources, meeting AICTE and Anna University standards, are available in departments, the library, and laboratories, all connected to uninterruptible power supplies (UPS). Separate login IDs are provided to students and staff members for personalized access.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.hit.edu.in/AQAR%202022-2023/4.4.2_Established systems and procedures for maintaining and utilizing physical, academic and support facilities.pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

1241

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	View File

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

100

File Description	Documents
Upload any additional information	View File
Institutional data in prescribed format	View File

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology

A. All of the above

File Description	Documents
Link to Institutional website	http://www.hit.edu.in/AQAR%202022-2023/5.1.3 Capacity Development and Skill Enhancement activities Additional information 2022 23.pdf
Details of capability development and schemes	View File
Any additional information	View File

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

972

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees	A. All of the above
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File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	View File
Upload any additional information	View File

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

311

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of outgoing students progressing to higher education

28

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	View File

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

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

18

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File

5.3 - Student Participation and Activities

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

119

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

The Institute prioritizes addressing the needs and expectations of its stakeholders, aiming to instill qualities of leadership, organizational skills, and responsibility among them.

Students are actively encouraged and motivated to engage in

governance through various avenues:

- Student representatives within the Institutional Quality Assurance Cell (IQAC) play a vital role in disseminating quality policies to the student body and voicing student perspectives during quality policy decisions.
- Class committees, comprising both good-performing and slow learners alongside faculty members appointed by the Head of Department, offer valuable feedback on all aspects of the teaching-learning process. The Class Representative System serves as a cornerstone of student leadership and representation.
- Placement Representatives, chosen from each class, collaborate with the placement cell
- Every department features a student association, consisting of Chairman, Vice Chairman, Secretary, Joint Secretary, and Treasurer positions, which organizes technical symposiums, seminars and conferences.
- The Institute hosts approximately 40 clubs and committees with student representation at various levels, fostering a diverse range of activities.
- Students play a proactive role in community-related initiatives, assuming leadership positions in organizations such as the National Service Scheme, National Cadet Corps, and Youth Red Cross, where they are sensitized to the community's needs.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.hit.edu.in/AQAR%202022-2023/5.3.2%20Representation%20of%20students%20in%20academic%20and%20administrative%20bodies%20additional%20information%202022_23.pdf

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

13

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	View File

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

The Alumni Association, was officially registered under the Tamil Nadu Societies Registration Act 1975 on November 16, 2018, serves as a vital bridge between past and present students of the Institute. Through regular alumni day celebrations and sustained interaction initiatives, the Institute fosters enduring connections with its graduates.

Alumni play a multifaceted role in the Institute's ecosystem, contributing significantly across various domains:

- Active participation in the Institutional Quality Assurance Cell (IQAC), where their insights are instrumental in driving development and quality enhancement initiatives.
- Review and refinement of curriculum, ensuring alignment with industry standards and fostering industry-oriented teaching methodologies.
- Admissions Process: acting as ambassadors to promote the institution and attract prospective students.
- Involvement as participants, speakers, and sponsors in intercollegiate festivals, seminars, workshops and conferences.
- Facilitation of internships and project work opportunities for current students.
- Representation as industry liaisons during recruitment processes, providing motivation and guidance to current students.
- Sharing their real-world insights and expertise with current

students.

- Offering guidance and support to final year students seeking admissions to renowned universities abroad.

Through their diverse engagements, alumni serve as invaluable mentors and connectors, actively contributing to the professional growth and aspirations of Institute.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://www.hit.edu.in/AQAR%202022-2023/5.4.1 - Alumni Engagement 2022 23.pdf

5.4.2 - Alumni's financial contribution during the year

C. 5 Lakhs - 10 Lakhs

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 an effective leadership in tune with the vision and mission of the Institution

VISION

To be a world class institution by imparting knowledge, research practices and inculcating human values to address global challenges through novelty and sustainability.

MISSION

- o To create next generation leaders by effective teaching learning methodologies.
- o To build research capabilities for the student beyond class room education.
- o To inculcate human values and ethical principles to cater to the social needs.
- o To nurture talent and entrepreneurship and enable all round

personality development in students

The objectives of our institution

Striving for academic excellence to enhance the quality of education.

Equipping our students with global competencies

Instilling values in our students for responsible citizenship.

Empowering students to excel in global competitions.

Cultivating a research culture within the institution.

The Institution's governing body convenes annually to develop and approve strategic plans aligned with the institution's vision and mission. These plans are formulated based on a thorough analysis of the institution's strengths, weaknesses, opportunities, and threats (SWOT), taking into account input from stakeholders. Committees such as IQAC, Planning and Evaluation, Finance, Anti-ragging, and Grievance Redressal are responsible for implementing these strategic plans effectively and responsibly.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://www.hit.edu.in/AQAR%202022-2023/CTERION6/6.1.1%20Governing%20of%20Institution%20reflection%20additional%20information.pdf

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

The governing body oversees the decision-making and planning processes for the academic year. Based on these plans, various committees develop their activities. The institution has established a range of committees and clubs to implement and monitor the strategic plans. Each committee includes stakeholders such as management, the Principal, faculty members from all departments, students, alumni, parents, and employers. These

committees organize numerous activities that are characterized by democratic decision-making under the guidance of the management. The responsibilities of these committees encompass tracking co-curricular and extra-curricular activities, promoting social, ethical, and environmental awareness among students, engaging in voluntary activities, and fostering a research culture. The Principal and senior faculty members regularly review these activities. Academic and administrative transparency is ensured through faculty meetings and postings on notice boards and the website. Student attendance is recorded monthly by class advisors, and consolidated attendance is displayed on notice boards for students' reference. Additionally, student attendance is periodically communicated to their respective parents. All relevant documents are readily available for inspection by various bodies, including the Social Welfare Departments, University Committees, AICTE, and NBA.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	http://www.hit.edu.in/AQAR%202022-2023/CRITERION6/6.1.2%20additional%20inf%20governing%20of%20ins-2.pdf

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

Based on the institute vision and mission of the institution, the long term and short term goals of the institution is defined.

Short term goals are:

- Enhance the research and consultancy
- To get research centre recognition for all eligible departments
- To increase the number of funded research projects
- To get NBA accreditation for all eligible departments
- To introduce new UG and PG courses in emerging areas

Long term goals are:

- To have 80% of faculty with Ph.D qualification
- To have incubation centres in the institution
- To tie-up with reputed foreign university for student exchange programme
- To develop own e-learning platform and provide e-learning modules and attract more learners
- To promote students to become entrepreneurs

To achieve these goals, the institution is motivating the faculty members to register for Ph.D programme and most of the faculty members have now registered for Ph.D programme.

To promote culture of innovation and research among faculty and students to drive progressive technological growth, Research Committee has been established to facilitate research activities, providing training in analytical tools to both faculty members and students. Over 80% of student projects are conducted in collaboration with industries, and the outcomes of research projects are regularly published in international journals

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	http://www.hit.edu.in/AQAR%202022-2023/CITERION6/6.2.1%20Strategic%20Plan%20and%20deployment%20documents%20on%20the%20website.pdf
Upload any additional information	View File

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

The principal oversees the financial, academic, administrative, and evaluative aspects of the college. Department heads facilitate the smooth and efficient functioning of their respective departments by assigning various tasks to faculty members. The Principal acts as the Chief Superintendent for university examinations to ensure their smooth conduct.

The Controller of Examinations, supported by a team of faculty members, assists in the successful administration of exams.

Various statutory and non-statutory committees manage academic and administrative matters in accordance with AICTE and Anna University guidelines.

The Administrative Officer and Office Manager oversee administrative functions performed by clerical, programming, data entry, and ministerial staff.

The Estate Officer supervises overall maintenance works. All monetary transactions, including receipts and payments, are conducted through banks.

The college's functions are meticulously planned, coordinated, and executed by both teaching and non-teaching staff. General administration rules, recruitment procedures, service conditions, leave policies, and staff promotion and increment policies have been established since the institution's inception. Any changes are made in accordance with AICTE/Anna University/state government regulations or college policies when necessary

File Description	Documents
Paste link to Organogram on the institution webpage	http://www.hit.edu.in/AQAR%202022-2023/CRITERION6/6.2.2%20Organogram.pdf
Upload any additional information	View File
Paste link for additional Information	http://www.hit.edu.in/AQAR%202022-2023/CRITERION6/6.2.2%20%20Intitonal%20bodies%20additional%20information.pdf
6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination	A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

The institution supports teaching and non-teaching staff in various aspects.

For teaching staff are provided with on duty leave for their career development and participate in FDP, Conferences, etc. Research scholars are provided with special on duty leave. The institution supports faculty members with financial support for attending FDP's, industry interactions, project presentations, publication of papers, undertaking any certification or online courses, etc. Many faculty members have utilized the facility and got benefited. Also the faculty who have received funds from various government agencies for seminar / workshop / project are provided with remuneration in order to appreciate their efforts.

The college is presently awarding cash awards to faculty members producing 100% results. Qualified and experience staff are promoted to higher cadres periodically. Eligible Teaching staff are also provided with financial aid for becoming members of Professional bodies like IEEE, IE&ISTE

For teaching and non-teaching faculty:

- Various kinds of leave like casual leave, vacation leave, permission, leave on loss of pay, compensation leave, maternity leave, have been practiced in the institution for both teaching and non-teaching faculty
- ESI, PF, have been provided

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.hit.edu.in/AQAR%202022-2023/CRITERION6/6.3.1%20additional%20inf%20HR%20Rules.pdf

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

33	
File Description	Documents
Upload any additional information	View File

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

10	
File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

203	

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Budget provisions are formally identified and approved yearly. The expenditures are made in the most economical and transparent manner in conformity with the procedures prescribed in the rules. The income and expenditure of the Institute are subjected to the regular audit. The Institute has a mechanism for its internal and external financial audits. Internal Auditors from finance committee and accounts office verify the budget proposals, sanction and expenditure details.

The Institution has its Planning and Evaluation, Finance Committees

which scrutinizes the Institutional financial requirements from the Departments every year and forwards the same to the Management for approval. The Heads of the Departments continuously monitor the academic, Co-Curricular and Extracurricular activities. We have an effective internal audit mechanism twice in a year where, the Heads of the Departments and deputed internal auditors will audit the departments to ensure the action plan taken during the academic year and its execution. The Laboratory utilization is enhanced based on the student's strength.

To maintain a financial prudence, ensure good Accounting practices in the Institution and to provide a proper platform for Audit Compliance and for better governance, an external Audit is carried out our Institution Chartered Accountant

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://hit.edu.in/AQAR%202022-2023/CRITERION6/6.4.1%20additional%20inf%20internal%20external%20audit.pdf

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

3.75

File Description	Documents
Annual statements of accounts	View File
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	View File

6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

The management retains all financial authority within the institution. The principal is authorized to approve bills for payments up to Rs. 1,00,000 after receiving approval from the management. Department heads have the authority to approve payments up to a maximum of Rs. 10,000. The Heads of Departments (HoDs) prepare the annual budget, which is then reviewed by the principal and granted permission by the management. The principal establishes separate committees as needed for the effective functioning of the college, and takes necessary actions based on their recommendations.

The budget is incrementally increased each year to accommodate purchases, equipment servicing, lab replacements, and new lab creations. The yearly budget is prepared by considering the needs and requirements of laboratory and infrastructure development, as well as the needs of students, faculty, and staff, along with advancements in technology.

Budget estimates are prepared by each department and reviewed in HoDs meetings with the principal. After deliberations, the prepared budget is adjusted within departments and forwarded to

the principal for finalization at the college level. The final budget is then submitted to the management for approval and sanction, which is typically approved almost entirely after passing in the governing body meeting

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://www.hit.edu.in/AQAR%202022-2023/CRITERION6/6.4.3%20new%20additional%20information%20for%20utilization%20of%20resources.pdf

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

Implementing a flexible academic curriculum during the Academic Year 2022-23, with provisions for credit transfer through MOOCs. The Flexible Scheme for this curriculum was developed by the Institute and approved by the Academic Council. The introduction of vertical courses pertaining to Minor degree and honors degree. The interaction between the industry and the institute has been strengthened.

- Continuous training for faculty members in ICT tools aims to enhance the effectiveness of the teaching-learning process. Through these tools, faculty members have prepared video lectures. Faculty members and students have been trained in 'Nan Muthalvan' Scheme of Tamilnadu Government.
- To foster a research culture, the Management has supported 16 research projects through the Research Seed Money Scheme. Faculty members have published 93 research papers in SCOPUS-indexed journals. Additionally, 42 textbooks have been published.
- Administrative and academic audits have been conducted under the guidance of external experts. ISO audit has also been completed.
- Stakeholder feedback and suggestions have been integrated into

the curriculum design for all undergraduate and postgraduate programs. Additionally, value-added courses in collaboration with reputed industries have been conducted for all programs

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.hit.edu.in/AQAR%202022-2023/CITERION6/6.5.1%20Additional%20inf%20Iqac%20strategies%20and%20Process.pdf

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

The Academic Auditing process is designed to uphold and elevate the quality of technical education by providing clear guidelines for both faculty and students. This comprehensive evaluation encompasses various key areas:

- Teaching methodologies
- Syllabi design and implementation
- Examination results and assessment methods
- Attendance tracking
- Research activities
- Academic decision-making processes and their execution
- Academic administration efficiency
- Student facilities
- Teaching and research infrastructure
- Laboratory facilities
- Benchmarking against best practices

Weekly audits of classwork records are conducted by Heads of Departments, with monthly reviews overseen by the Principal. Any discrepancies in record-keeping are promptly addressed by the

Principal, who provides counselling to faculty members as necessary. A dedicated committee evaluates test papers and reports, providing further guidance and support to faculty.

The auditing process commences with preparatory meetings, followed by auditors conducting assessments within classrooms during scheduled times. Reports are then disseminated to Heads of Departments, with individual faculty members receiving feedback through their respective department heads. Faculty members with subpar teaching performance receive counselling sessions led by their department heads. External audits serve to validate the effectiveness of academic practices against established standards and procedures.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://hit.edu.in/AOAR%202022-2023/CRITERION6/6.5.2%20Additional%20inf%20IQAC%20teaching%20learning.pdf

**6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution
Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)**

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	http://hit.edu.in/AQAR%202022-2023/CRITERION6.5.3%20Annual%20report%20of%20institution%202022-23.pdf
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	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

Awareness programs like importance of human rights, Rights of Women in Domestic problems, Cyber security awareness programs related to the safety and security of women employees and students are conducted periodically.

The institution constituted the following committees as per norms laid by University/UGC: Institution Grievance Redressal Committee, Anti-Ragging, POSH cell, Students' Disciplinary Committee, Women Welfare & SC /ST Students Welfare Committee,

The functions of these committees are displayed on the website of the institution and information is being disseminated to the students through orientation and induction programs. The institution provides safety and security facilities for the staffs and students such as CCTV Surveillance throughout the campus and security arrangement.

Students wear ID cards at all times. The institution has a dedicated Counselling Centre and good mentoring system for the students to take care of their academic, emotional, social and cognitive development. Personal Counselling is provided to the students at different levels. There are separate washroom facilities for girls and boys

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://www.hit.edu.in/AQAR%202022-2023/7.1.1%20Measures%20initiated%20by%20the%20Institution%20for%20the%20promotion%20of%20gender%20equity%20additional%20information2022_23.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/power-efficient equipment	A. Any 4 or All of the above
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File Description	Documents
Geotagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

Solid Waste Management: The Institute has a place on its campus where the solid wastes materials are disposed. However, there does not exist more waste from college

Liquid Waste Management- The waste water is carried out through the pipeline and through closed channels. It is disposed to the central collection system of Panchayat waste water collection and disposal

There are no Biomedical, Electronic, Hazardous chemicals and radioactive wastes produced in side the campus

Waste recycling system: Waste water is treated and recycled for agricultural purpose. Biodegradable waste are deposited as manure in the coconut tree

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geotagged photographs of the facilities	View File
Any other relevant information	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
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File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: 1. Restricted entry of automobiles 2. Use of bicycles/ Battery-powered vehicles 3. Pedestrian-friendly pathways 4. Ban on use of plastic 5. Landscaping	A. Any 4 or All of the above
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File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

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

<p>7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:</p> <ul style="list-style-type: none"> 1. Green audit 2. Energy audit 3. Environment audit 4. Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities 	<p>A. Any 4 or all of the above</p>									
<table border="1" data-bbox="84 673 1421 1179"> <thead> <tr> <th data-bbox="84 673 531 763">File Description</th><th data-bbox="531 673 1421 763">Documents</th></tr> </thead> <tbody> <tr> <td data-bbox="84 763 531 898">Reports on environment and energy audits submitted by the auditing agency</td><td data-bbox="531 763 1421 898">View File</td></tr> <tr> <td data-bbox="84 898 531 988">Certification by the auditing agency</td><td data-bbox="531 898 1421 988">View File</td></tr> <tr> <td data-bbox="84 988 531 1078">Certificates of the awards received</td><td data-bbox="531 988 1421 1078">View File</td></tr> <tr> <td data-bbox="84 1078 531 1179">Any other relevant information</td><td data-bbox="531 1078 1421 1179">View File</td></tr> </tbody> </table>	File Description	Documents	Reports on environment and energy audits submitted by the auditing agency	View File	Certification by the auditing agency	View File	Certificates of the awards received	View File	Any other relevant information	View File
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Reports on environment and energy audits submitted by the auditing agency	View File									
Certification by the auditing agency	View File									
Certificates of the awards received	View File									
Any other relevant information	View File									
<p>7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres</p> <p>Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts</p> <p>Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc.</p> <p>Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.</p>	<p>A. Any 4 or all of the above</p>									

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	View File
Details of the software procured for providing assistance	View File
Any other relevant information	View File

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

We believe in unity in diversity that's why our students respect the different religion, language and culture. We greet and wish each other at different festivals and invite them to have a feast to get introduced with ones culture to have amicable relations and to maintain the religious, social and communal harmony. Similarly our students also celebrate the different festivals with joy and enthusiasm which help them to implant the social and religious harmony. The diversity in India is unique. Being a large country with large population, India presents endless varieties of physical features and cultural patterns. It is the land of many languages it is only in India people professes all the major religions of the world.

Cultural programs are organized every year during the annual day celebration. Festivals like Onam, Pongal and Sankrathi are celebrated. Through this activity students get acquainted with the different culture of our nation and help to develop the tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities. This also creates the inclusive environment in the college and society.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File

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

The Institute undertakes different initiatives by organizing various activities to sensitize students and employees to the constitutional obligation: Values, Rights, Duties and responsibilities of the citizens. Our constitution provides for human dignity ,equality, Social justice, Human rights and freedom ,Rule of law ,equity and respect and superiority of constitution in the national life .The whole country is government on the basis of the rights and duties enshrined in the Constitution of India mandatory courses like Universal Human values and Healthy sciences, Essence of Indian traditional knowledge and Indian constitution. Every year Republic day is Celebrated on 26th Jan by organizing activities highlighting the importance of Indian Constitution. Independence day is also celebrated every year to highlight struggle of freedom and importance of Indian constitution.

More than 50 Faculty members have undergone Faculty Development program on Universal Human values and they are training the students during orientation programme

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	View File

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the 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 programmes, etc. in support of the claims	View File
Any other relevant information	View File
7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals	<p>Institution celebrates/ organizes national and international commemorative days, events and festivals. Our institution celebrates these events with great enthusiasm to commemorate the ideology of nationalism and to pay tribute to our great National Leaders.</p> <p>Republic day- The institution celebrates Republic day on 26th January every year, commemorating the adoption of Indian constitution and spreading the message that India is the largest democratic country in the world. The celebration includes the hoisting of national flag and spreading a warm message of nationalism . Independence Day is celebrated every year on 15th of August, parades and flag hoisting is organized and is celebrated to mark freedom of India from British rule. The institution encourages students to remember our national leaders and their sacrifices.</p> <p>Gandhi Jayanti is celebrated every year on 2nd October to understand the ideology of our great leader Mahatma Gandhi. International Yoga day is celebrated on 21st June every year. The yoga Instructor organizes the yoga camp</p> <p>Voters Day is celebrated on 25th January wherein the students are given awareness on their duties and rights as a loyal citizen.</p> <p>Students also celebrate World Health Day,World Environment day,World Entrepreneurs day,National Innovation day,National Education day, and National Energy Conservation day</p>

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

Best Practice I: Fostering a culture of innovation and research among faculty and students to drive progressive technological growth

Best Practice II: Encouraging Excellence: Recognizing Outstanding Performance in Teaching and Learning among Teaching and Non-teaching Staff as well as Students through Awards and Recognition in Various Categories

Web Link: http://www.hit.edu.in/AQAR%202022-2023/7.2- Best Practices 2022_23.pdf

File Description	Documents
Best practices in the Institutional website	http://www.hit.edu.in/AQAR%202022-2023/7.2- Best Practices 2022_23.pdf
Any other relevant information	http://www.hit.edu.in/AQAR%202022-2023/7.2%20-%20Best%20Practices%20additional%20information_2022_23.pdf

7.3 - Institutional Distinctiveness

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

Institutional Distinctiveness

Hindusthan Institute of Technology places great emphasis on the

holistic development of its students, recognizing them as future ambassadors of the college. The Institution provides value-based quality education that equips learners with the capabilities needed to become global leaders.

Our Institute strives to become a globally renowned institution by fostering knowledge, innovative research, and instilling human values to tackle global challenges with a focus on novelty and sustainability.

The Institution distinguishes itself by cultivating next-generation leaders through effective teaching and learning methodologies, enhancing students' research capabilities beyond traditional classroom education, instilling human values and ethical principles to meet societal needs and fostering talent, entrepreneurship, and facilitate comprehensive personality development in students

Corporate Relations Cell is an integral part of the institution, ensuring that students are well-trained and prepared for campus interviews through an effective soft skill development center.

Cultural functions organized by the institution each year highlight various arts and inspire students to excel in co-scholastic areas.

Thus, the Institution strives to achieve its vision and mission by providing physical infrastructure, scholastic facilities, and extracurricular activities, organizing different events, and creating platforms for student development.

File Description	Documents
Appropriate link in the institutional website	http://www.hit.edu.in/AQAR%202022-2023/7.3.1_Institutional Distinctiveness 2022_23.pdf
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

Plan of action for the next academic year

To maintain a conducive learning environment for the holistic development of students, faculty, and support staff.

To foster an academic environment that promotes quality in the teaching-learning process.

To conduct quality-related research studies, consultancy, and training programs.

To facilitate faculty and student exchange programs with other academic institutions and establish formal linkages through MoUs.

To raise awareness and take initiatives for the protection and promotion of the environment.

To develop techniques to enhance the teaching, learning, and evaluation processes.

To continue providing formal education to needy and deserving students.

To expand extension activities.