



YEARLY STATUS REPORT - 2023-2024

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		9994630696
• Alternate phone No.		04224242477
• Mobile No. (Principal)		9994630696
• Registered e-mail ID (Principal)		hitprincipal@hindusthan.net
• Address		Valley Campus, Pollachi Highway, Othakkalmandapam (Po).Coimbatore
• 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%202022-23.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/pdf/Acedemic%20Calender%202023_2024.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 1	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/School	Scheme	Funding Agency	Year of Award with Duration	Amount
Hindusthan Institute of Technology/ Electronics and Communication Engineering	Research Project	Institution of Electronics Engineers India (IEI)	23/03/2023	22000
Hindusthan Institute of Technology/ Electronics and Communication Engineering	Research Project	Institution of Electronics Engineers India (IEI)	09/04/2024	32000
Hindusthan Institute of Technology/ Electronics and Communication Engineering	Research Project	Institute of Electrical and Electronics Engineers (IEEE)	30/01/2024	8000
Hindusthan Institute of Technology/ Aeronautical Engineering	Research Project	Hindusthan Educational and Charitable Trust	22/09/2023	130000
Hindusthan Institute of Technology/ Mechanical Engineering	Research Project	Hindusthan Educational and Charitable Trust	22/09/2023	300000
Hindusthan Institute of Technology/ Computer Science and	Research Project	Hindusthan Educational and Charitable Trust	22/09/2023	325000

Engineering				
Hindusthan Institute of Technology/ SC&HU	Research Project	Hindusthan Educational and Charitable Trust	22/09/2023	450000
Hindusthan Institute of Technology/ Electronics and Communication Engineering	Research Project	Hindusthan Educational and Charitable Trust	22/09/2023	920000
Hindusthan Institute of Technology/ Electronics and Communication Engineering	Research Project	Institution of Electronics Engineers India (IEI)	20/02/2024	5000

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	
9.No. of IQAC meetings held during the year	8	
<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	

- If yes, mention the amount

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

o During the Academic Year 2023-24, the Institute implemented a flexible academic curriculum, incorporating provisions for credit transfer through MOOCs. The Flexible Scheme for this curriculum, developed by the Institute and approved by the Academic Council, includes the introduction of vertical courses for Minor and Honors degrees. Industry-institute interaction has been further enhanced, and the Institute continues its academic collaboration with IBM for programs in CSE, IT, ECE, and AI & DS." o 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 have been motivated to attend sensitization on NEP 2020 workshops and training programs. More than 150 Faculty members attended FDPs, Seminars and Conferences. o To foster a research culture, the Management has supported 16 research projects through the Research Seed Money Scheme. Faculty members have published 83 research papers in SCOPUS-indexed journals. Additionally, 39 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. o 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 Aeronautical, CSE, ECE and Mechanical Engineering has been carried out. o 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 is carried out based on an effective feedback mechanism from all levels of stakeholders. Regularly scheduled Board of Studies and Academic Council meetings are organized to ensure continuous improvement and alignment with academic and industry standards</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>Continuous 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. Continuation of Faculty Exposure to various ICT Tools and training faculty members for effective online teaching and assessment.</p>	<p>More than 700 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 Encourage faculty members to organize seminars, workshops, and training programs</p>	<p>About 46 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>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>

	IoT club, and Robotics club have been started.				
To establish Laboratories for B.Tech AI&DS Programme To Strengthen physical facilities in Controller of Examination office for Autonomous.	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				
Strengthening NSS,NCC,NSO and Extension activities	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 Total number of Clubs/Societies have been increased to 34				
Application for accreditation from various agencies involved in assessing and ranking higher education institutions	Data Quest Best T-Schools 2024 ranks HiTech				
13.Was the AQAR placed before the statutory body?	Yes				
<ul style="list-style-type: none"> Name of the statutory body 					
<table border="1"> <thead> <tr> <th>Name of the statutory body</th> <th>Date of meeting(s)</th> </tr> </thead> <tbody> <tr> <td>Governing Body</td> <td>03/01/2025</td> </tr> </tbody> </table>		Name of the statutory body	Date of meeting(s)	Governing Body	03/01/2025
Name of the statutory body	Date of meeting(s)				
Governing Body	03/01/2025				
14.Was the institutional data submitted to AISHE ?	Yes				

- Year

Year	Date of Submission
2023-24	09/01/2025

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 2022 and Regulations 2024 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.

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 10

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1 2550

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2 555

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3

2550

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

459

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2

177

Number of full-time teachers during the year:

Extended Profile

1. Programme

1.1 10

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2. Student

2.1 2550

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2 555

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3 2550

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

3.1 459

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2	177
Number of full-time teachers during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

3.3	175
Number of sanctioned posts for the year:	

4. Institution

4.1	393
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	

4.2	69
Total number of Classrooms and Seminar halls	

4.3	744
Total number of computers on campus for academic purposes	

4.4	484.46497
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/ai/>

<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>

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

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

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

File Description	Documents
Upload additional information, if any	View File
Link for additional information	http://www.hit.edu.in/AQAR%202023-2024/CRITERION2/1.1.1. Curriculum Design and Development-AdditionalInformation-2023-24.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

86

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

86

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

15

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	
1022	
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	
1321	
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%202023-2024/CRITERION1/1.4.2%20Feedback%20System%20Additional%20Information2023-2024.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%202023-2024/CRITERION1/1.4.2%20Feedback%20System%20Additional%20Information2023-2024.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

774

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)

723

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 separately by respective course teacher for all the semesters. The wide range of continuous assessment components including Daily Home Assignments, Class Assignments, Seminars and Group Discussions, Quizzes, Class Tests, and attendance, enable effective assessment of learning levels of students.

Strategies adopted for 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
- Academic and personal counseling are given to the slow learners by the tutors
- Provision of simple and standard lecture notes

Strategies for the advanced learners

- The advanced learners (above 7.5CGPA 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
- Talented students are motivated to participate in 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%202023-2024/CRITERION2/2.2.1 - The institution assesses students' learning levels Additional Information compressed 23-24.pdf

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
31/05/2024	2550	177

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%202023-2024/CRI TERION2/2.3.2 Student Centric Method Additionalinformation 23-24.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-

- PowerPoint presentations- Faculties are encouraged to use power-point presentations in their teaching by using LCD's and projectors.
- Industry Connect- Seminar and Conference room are digitally equipped where guest lectures, expert talks and various competitions are regularly organized for students.
- Virtual laboratory is conducted through HACKERANK. KAHOOT platform is used for Online quiz
- Video lecture- Recording of video lectures is made available to students for long term learning and future referencing.
- POLLEVERYWHERE is used to record feedback of students. To teach Analytical courses in online mode, teachers use tools like scribble pad.

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

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%202023-2024/CRITERION2/2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching 23-24.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

177

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

177

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

48

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)

9

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

14

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

460

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 and has 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 Controller of Examinations 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 Controller of Examination invests every effort to maintain confidentiality of the question papers received from both internal and external examiners.

Continuous assessment tests are conducted by department faculty Members. 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. Detailed scheme of evaluation by internal course experts is prepared for every question paper. 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%202023-2024/CRI TERION2/2.5.3 IT integration and reforms in the examination procedures add information.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%202023-2024/CRI TERION2/2.6.1- COs for all courses (exemplars from the Glossary) 23-24.pdf

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

Each course in the program has defined course outcomes (COs) and evaluation criteria. These COs are mapped to program outcomes (POs) and program-specific outcomes (PSOs), enabling a quantitative measurement of their attainment. The students' performance in exams, assignments, and other assessments is used to measure the level of achievement of these outcomes, with specific mapping of questions to COs, and COs to POs and PSOs. The program coordinator, in consultation with faculty members, prepares the CO-PO and CO-PSO mapping for all courses.

Bloom's Taxonomy is applied in the teaching-learning process to assess student outcomes through both teacher-made and standardized tests. Internal assessments, including continuous evaluation, are crucial for fulfilling COs and POs. An internal examination committee ensures the effective implementation of these evaluation reforms.

Assessment is categorized into two types: Direct Assessment (80%)

- Continuous Internal Assessment (CIA)
- End-semester exams
- Assignments and quizzes

Indirect Assessment (20%)

- Course exit surveys
- Graduate exit surveys
- Alumni surveys

Indirect assessment also includes co-curricular activities, competitive exam performance, and feedback collected via the Learning Management System. These are then quantified to

contribute 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%202023-2024/CRITERION2/2.6.2 - Attainment of Programme Outcomes and Course Outcomes Additional Information 23-24.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

505

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%202023-2024/CRITERION2/Upload list of Programmes and number of students appear for and passed in the final year examinations 23-24.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%202023-2024/CRITERION2/2.7.1 Student Satisfaction Survey \(SSS\) on overall institutional performance 23-24.pdf](http://www.hit.edu.in/AQAR%202023-2024/CRITERION2/2.7.1 Student Satisfaction Survey (SSS) on overall institutional performance 23-24.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

To facilitate research and consultancy, Centres of Excellence have been established, and industries collaborate to set up laboratories for experimentation in cutting-edge technological areas. The Research Committee, formed in 2015, plays a key role in promoting research by both faculty and students. The committee includes a core group of six members and department heads, ensuring comprehensive involvement.

Each year, the committee issues a call for research proposals in June/July, offering seed funding for viable projects. These proposals are screened for feasibility and applied value. Faculty and students are encouraged to present their ideas for seed funding approval, following institute guidelines. In the 2020-2021 academic year, Rs. 17.6 lakhs was allocated under the Hindusthan Education and Charitable Trust Research Promotion Scheme.

The institute provides freedom to faculty and students to select their research areas, offering guidance to secure funding from external agencies. Additionally, incentives are given for peer-reviewed publications, book writing, and patent filings. Research centers in various departments are equipped with advanced software and computing facilities, enhancing the research capacity.

Key facilities

- 8 GB RAM
- Data Analytics Tools
- Blockchain
- Drone Technology & Aerospace Research Centre
- Additive Manufacturing Centre

- 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	https://assessmentonline.naac.gov.in/public/index.php/hei/agar_prepare/46406?part=2
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)

22.75

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

13

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)	
22.02	
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	
26	
File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://www.hit.edu.in/AQAR%202023-2024/CRITERION3/3.2.2 - Number of teachers having research projects during the year additional information 2023-24 web link.pdf
List of research projects during the year	View File
3.2.3 - Number of teachers recognised as research guides	
13	
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%202023-2024/CRITERION3/3.2.4 Number of departments having research projects additional information 2023-24 web link.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.

HiTech in collaboration with the Ministry of Education (MoE), Government of India, established the Institute Innovation Council to foster a culture of innovation. The IIC's primary goal is to encourage, inspire, and nurture young students and faculty, supporting them to develop new ideas and transform them into prototypes during their formative years. In the academic year 2023-2024, the institute received a 5-Star rating for its efforts in organizing innovation, entrepreneurship, community outreach, and incubation activities.

The institute has established a dynamic local innovation ecosystem and start-up support mechanism, encouraging students to apply technology to meet societal needs. The institute also participated in the Atal Ranking of Institutions on Innovation Achievements (ARIIA), ranking in the 25-50 range under Band B.

With recognized research centers, the institute supports prototype development, research publications, and patent acquisition. The Entrepreneurship Development Cell (EDC) has helped establish over six start-ups. Clubs like NSS, NCC, YRC, and the Green Club organize community-oriented activities, promoting sustainable lifestyles and an eco-friendly ecosystem.

EDC regularly conducts entrepreneurship development programs and more than six start-ups have been supported. NSS, NCC, YRC, RRC and other clubs and committees like Green club, Uvir Society, Renewable Energy club organize social activities bringing local community

towards self-sustainable life style and environment friendly eco system.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.hit.edu.in/AQAR%202023-2024/CRI TERION3/3.3 Innovation system additional Information 2023 24.pdf

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

53

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	
21	
File Description	Documents
URL to the research page on HEI website	http://www.hit.edu.in/pdf/Research%20Policy.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	
58	
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	
65	
File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.hit.edu.in/AQAR%202023-2024/CRITERION3/3.4.4 Number of books and chapters in edited volumes books published per teacher additional information 2023-24.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	
5867	

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

38

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)

67.58

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

90000

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

The Institute organizes number of extension activities to promote institute neighbourhood community to sensitize the students towards community needs. The students of our college actively participate in social service activities leading to their overall development. NSS & NCC are effectively functioning.

NSS organizes a residential seven day camp in nearby adopted village and several activities are carried out by NSS volunteers addressing social issues which include cleanliness , tree plantation, Social interaction, Group discussion Eradication of superstition, Environmental awareness, Women empowerment, National Integrity, Blood donation camp, Veterinary guidance, Farmers meet, Awareness about farmer's suicide etc.

The NCC unit of the college organizes various extension activities as tree plantation, Road safety awareness, Save fuel save country programme, Swachh Bharat Abhiyan & National equality awareness.

The volunteers of Youth Red cross and Red Ribbon club organize programmes like Health Check-up Camps, and Awareness among masses for prevention from HIV/AIDS, COVID-19, Dental Check-up Camps to sensitize people on health issues

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.hit.edu.in/AQAR%202023-2024/CRI TERION3/3.6.1 Extension Activities additional information 2023-24 web link.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

32

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)

27

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

1909

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

402

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)

19

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 has well established policies, procedures with monitoring system for the maintenance and utilization of Campus facilities. The Institution ensures the physical infrastructure so as to cater to the needs of Students, Faculty, and non-teaching staff.

Hindusthan Institute of Technology has a well-developed high-tech campus of 136 acres, It is equipped with modern facilities and learning resources to achieve academic excellence according to its vision and strategic objectives. The infrastructure facilities and learning resources are categorized as under:

(a) Learning Resources include resources and infrastructure required for library, laboratories, computer centre, class room teaching, events, meetings and conferences. (b) Support facilities include hostels, canteens, seminar halls, committee rooms, sports grounds.

(c) Utilities include safe drinking water, restrooms and power generators. Classes are scheduled for optimal utilization of the available physical infrastructure. Sophisticated equipment available in the laboratories Sharing of laboratory facilities is also encouraged between Departments. The Institute continuously strives to create and enhance infrastructure both in terms of buildings and other facilities to provide a good teaching-learning environment

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.hit.edu.in/AQAR%202023-2024/CRITERION4/4.1.1 Infrastructure and physical facilities Additional Information 2023-24.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 integrates sports and extracurricular activities as vital components of its curriculum, alongside compulsory core courses and a continuous evaluation scheme. With a 10-acre area dedicated to sports and games, the campus boasts excellent facilities for various activities. These include two large playgrounds for athletics, cricket, football, volleyball, basketball, and kho-kho. Additionally, there are tennis courts, indoor and outdoor badminton courts, and a well-equipped gymnasium. Cultural events are hosted in the grand Hindusthan Institute of Technology Convocation Hall, and assembly halls are available for annual functions and other cultural activities.

The Institute organizes both inter-college and intra-college sports competitions regularly. Students receive specialized training for participation in prestigious events like the National Youth Festival, National Youth Parliament, and other cultural and sports competitions outside the campus. The Institute has consistently excelled at these events, winning numerous individual

and team awards.

Faculty members also serve as yoga instructors, promoting wellness among students. Special self-defense classes are organized, particularly for female students, to empower them. National Independence Day and Republic Day are celebrated with enthusiasm, fostering national pride and unity within the campus communit

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	http://www.hit.edu.in/AQAR%202023-2024/CRITERION4/4.1.2 Institution has adequate facilities for sports,games gymnasium etc Additional Information 2023-24.pdf

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

22

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)

169.84486

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 is well-equipped and fully automated with an Integrated Library Management System (ILMS). The ILMS software, Lips iNet Version 5.0, has been in use since 2007, ensuring seamless management of library resources. The Online Public Access Catalog (OPAC) serves as the primary tool for accessing the library's collection. The OPAC is available via three computers and an E-gate register for easy access.

In addition, the Library houses a Knowledge Centre (Digital Library) with 15 computers, providing access to e-resources, web browsing, and research-related activities. The library boasts an extensive collection of books across various disciplines, including rare books, manuscripts, special reports, e-journals, and e-books.

To assist students and faculty, the library is equipped with directional signage guiding them to specific books. Faculty, students, and research scholars have free access to these computers during library hours. On average, around 200 students visit the library daily to read books, newspapers, and journals, as well as to issue or return books.

Additionally, the library provides photocopying, downloading, and printing facilities, enabling users to access and utilize materials efficiently.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.hit.edu.in/AQAR%202023-2024/CRITERION4/4.2.1 Library is automated using Integrated Library Management System Additional Information 2023_24.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)

15.63230

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

450

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

For the Purpose of maintaining, securing, and ensuring legal and appropriate use of Information technology infrastructure IT policy has been instituted.IT Policy applies to technology administered by the Institute centrally. This IT policy also applies to the resources administered by the departments such as Library, Computer Labs, Laboratories, and Administrative Offices of the Institute.IT policy broadly concentrates on the following areas

- IT Hardware Installation and Maintenance Guidelines
- Software Installation and Licensing Guidelines
- Network (Intranet & Internet) Use Guidelines
- E-mail Account Use Guidelines
- Web Site Hosting Guidelines
- Role of Network/System Administrators
- Maintenance of LCD Projectors, Printers, Biometric system and Intra communication system
- Support systems during online classes and examination

Every year the budget proposal is being submitted for the up gradation and maintenance of Computer and IT Infrastructure facilities and approved by the finance committee

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.hit.edu.in/AOAR%202023-2024/CRITERION4/4.3.1 Institution updates its IT facilities including Wi-Fi, Cyber Security etc.pdf

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
2550	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

A. All four of the above

development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.hit.edu.in/AQAR%202023-2024/CRI TERION4/4.3.4 Institution has facilities for e-content development Additional Information 2023 24.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)

314.62011

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 of fans, lights, boards, and LCD projectors. Each floor is equipped with a fire-fighting system for safety.

Industrial exposure in the laboratories is well-structured, with designated areas for machines, walk-through zones, and tools. Laboratory technicians receive regular training, including fire-fighting drills. Instruments are calibrated annually, and equipment under warranty is serviced to prevent breakdowns. Electrical systems are routinely inspected to avoid accidents, and flammable substances like petrol, diesel, and oil are safely stored in designated containers. Tools and equipment are issued only after proper instructions on usage.

The institute maintains a stock register, maintenance log, and equipment issue records for accountability. Daily maintenance of equipment, including oiling and cleaning, ensures their proper functioning.

In library, students and faculty must log their usage. Each can borrow up to five books, which must be returned on time. Departments provide a list of required books, and management ensures these needs are met within a month.

Sports and games facilities are regularly maintained for daily use. All computers in departments, libraries, and laboratories meet AICTE and Anna University standards, are connected to UPS, and have the latest antivirus software for security

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.hit.edu.in/AQAR%202023-2024/CRITERION4/4.4.2 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

1384

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

478

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%202023-2024/5.1.3 Additional Information.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
--

1356

File Description	Documents
Any additional information	View File
Number of students benefitted 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'	A. All of the above
--	----------------------------

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

410

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

20

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

12

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

58

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 institution prioritizes addressing the needs and expectations of its stakeholders by fostering qualities such as leadership, organizational skills, and responsibility among students.

Students are encouraged to actively participate in governance through the following systems:

Student Representative in IQAC: The IQAC student representative ensures the dissemination of quality policies adopted by the institution and conveys students' perspectives during quality policy decisions.

Class Committees: Each program has class committees comprising student representatives, including both high achievers and slow learners, alongside faculty members nominated by the Head of the Department. These committees provide feedback on the teaching-learning process, with the Class Representative System serving as a foundation for student leadership.

Placement Representatives: Selected from each class, these representatives support the placement cell in sharing job opportunities with the student community.

Student Associations/ Clubs: Each department has a student association with positions like Chairman, Vice Chairman, Secretary, Joint Secretary, and Treasurer. These associations organize technical symposiums, seminars, and conferences. Over 40 clubs and committees with student representation actively function within the institution. The Sports Club organizes institution-specific events.

Additionally, the institution promotes student involvement in community activities through NSS, NCC, and YRC, sensitizing them to societal needs and encouraging leadership in extension programs.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.hit.edu.in/AQAR%202023-2024/5.3.2 Additional Information.pdf

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

15

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

HiTech Maintains continuous interaction between the past and present students, holding periodical alumni day celebration Alumni have also contributed immensely as members of DAC, BOS, delivering

Guest lectures, offering Internship, assisting in Placement, organizing Industry visits and students to get admissions into reputed Universities at abroad. The successfully placed alumni act as mentors and a connecting link for the professional aspirations of our students.

Major Activities:

- Alumni form the active members of IQAC at various levels. Their inputs are significant in bringing developments and quality enhancements
- Alumni also form the active member and contribute in review and development of the curriculum and keeping Teaching Methodologies as Industry Oriented and up to date.
- Member of Admissions Boards - Alumni act as Ambassadors for the promotion of the Institution
- As the Participants/ Speakers/ Sponsors during Inter Collegiate Festivals, Disaster Relief Camps, Seminars, Workshops and Conferences
- Students get internship, in plant training and project works through Alumni reference
- As Representatives of the Industry during recruitment and motivating the existing set of students
- Engaged with institution in the capacity of Visiting Faculty members.
- Sharing of Job Postings for fellow Alumni and the present students
- Guiding students for getting admissions into reputed Universities at abroad

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://www.hit.edu.in/AQAR%202023-2024/5.4.1 Additional Information.pdf

5.4.2 - Alumni's financial contribution during the year	C. 5 Lakhs - 10 Lakhs
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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 top-tier institution that empowers students with cutting-edge skills, nurtures innovation, and cultivates sustainability, preparing them to prosper in a dynamic global future

MISSION

- Empower students with advanced skills and knowledge, enabling them to become leaders in their fields.
- Foster a culture of innovation and critical thinking, inspiring students to pioneer solutions for tomorrow's challenges.

Cultivate environmental responsibility, preparing graduates to create a sustainable and ever-evolving global future

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_2023-2024/CRITERION6/6.1.1 Governing of Institution reflection additional information_23-24.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_2023-2024/CRITERION6/6.1.2_effective_leadership_is_in_various_institutional_practices_23-24.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 85% 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%202023-2024/CRI TERION6/6.2.1 Strategic Plan and deployment documents 2023 24.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 college has a well-marked administrative setup confirming the norms of the AICTE and Anna University and functions as mentioned in the organization chart.

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%202023-2024/CRI TERION6/6.2.2%20Organogram.pdf
Upload any additional information	View File
Paste link for additional Information	http://www.hit.edu.in/AQAR%202023-2024/CRI TERION6/6.2.2%20Intitonal%20bodies%20 addi tional%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) Documen	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&FPSI

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%202023-2024/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

107

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

24

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.)

176

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://www.hit.edu.in/AOAR%202023-2024/CRI TERION6/6.4.1 additional inf internal external audit 23-24.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)

7.8985

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%202023-2024/CRITERION6/6.4.3_additional_inf_utilization_of_resources.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)

The IQAC continuously works on all the quality evolving facets

Two of the practices institutionalized as a result of IQAC initiatives are

1. Institute was awarded 'A' Grade by NAAC in year 2016. Since then, a number of quality initiatives and actions on the observations given by NAAC have been successfully implemented with the active involvement of IQAC. Institute is an ISO 9001:2015 certified organization. CBCS has been implemented in all Post Graduate and Under Graduate programmes. The scheme and curriculum

of Under Graduate programmes is designed based on AICTE Model curriculum. The classrooms, laboratories and seminar halls have been equipped with ICT facilities. Rigorous training is provided on soft & life skills and technical training and improved placement opportunities. Library is fully automated since 2015 with the help of MIS (GEMS). It also provides access to IEEE, ASME, ASCE, EBSCO e-journals, NPTEL video lecture, DELNET inter-library sharing resources and subscribes to more than 3000 e-journals

2. Major Initiatives:

- Provision of seed money for research projects
- Incentives for paper publications and patent publications.
- Provision of six months Research Internship.
- Technical and legal support for filing patents.
- Incentives for patents.
- Provision of incentive grade points for research work

Research scholarships

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.hit.edu.in/AQAR%202023-2024/CRI TERION6/6.5.1 IQAC strategies and process 2023_24.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 process of Academic Auditing intends to monitor and enhance the quality of technical education through proper guidelines for both teaching faculty and students, so as to ensure qualified engineers/researchers passing out from Hindusthan Institute of Technology. The areas to be included are -- Teaching, syllabi, admissions, results, attendance, research, examinations, academic decisions and implementation, academic administration, facilities for students, teaching and research infrastructure, Laboratory infrastructure, benchmarking of best practices etc.

Objectives of academic auditing:

(i) To ensure academic accountability.

(ii) To define quality of each component of the functionalities and to ensure quality of technical education throughout the system.

(iii) Up gradation of quality of students and faculty members.

(iv) To define effectiveness of teaching - learning process and to devise methodology to confirm maximum output from faculty members as well as students.

Department Academic Committee audit

Assessment based on conduct and actions taken in relation to continuous improvement

Academic Audits

Action Taken: Based on the report on evaluation individual faculty can able to improve their knowledge in lagging parameter.

The following external academic audits are conducted to verify and confirm the performance of academic practices and procedures against planned/standard procedures.

1. AICTE

2. Anna University

3. IQAC

4. ISO

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.hit.edu.in/AQAR%202023-2024/CRI%20TERION6/6.5.2%20additional%20inf%20teaching%20learning%20new%2023-24.pdf

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the

A. Any 4 or all of the above

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)**

File Description	Documents
Paste the web link of annual reports of the Institution	http://www.hit.edu.in/AQAR%202023-2024/CRITERION6/6.5.3 annual report of the institution.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%202023-2024/7.1.1%20Measures%20initiated%20by%20the%20Institution%20for%20the%20promotion%20of%20gender%20equity%20additional%20information%202023 24.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
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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:	A. Any 4 or All of the above
<ol style="list-style-type: none"> 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

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

<p>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,</p>	<p>A. Any 4 or all of the above</p>
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reader, scribe, soft copies of reading materials, screen reading, etc.

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 60 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 Environmnet 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

1. Industry-Integrated Learning and Skill Development for Career Excellence

- Memorandums of Understanding (MoUs) with leading industries to facilitate internships, projects, and placements.
- Establishment of dedicated centers of excellence in emerging technologies like AI, IoT, and robotics.
- Inclusion of industry-certified courses in the curriculum to improve employability.
- Organization of industrial training programs for faculty to align teaching methodologies with industry standards.
- Active collaboration with industries to conduct skill development workshops and technical hackathons.
- Annual Industry-Academia Conclave to foster meaningful dialogue and collaborations

Best Practice II: Empowering Students through Holistic Development and Community Engagement

- Regular organization of NSS and NCC programs involving community service such as blood donation drives, tree plantations, and health camps.
- Hosting annual events like HITS FEST and Sports Meet to encourage student participation in cultural and athletic events.
- Implementation of life skills training and leadership workshops to build confidence and teamwork.
- Collaboration with NGOs and local bodies for social impact projects like rural education drives and sanitation awareness.
- Establishment of clubs and societies such as literary clubs,

technical forums, and entrepreneurship cells for overall development.

http://www.hit.edu.in/AQAR%202023-2024/7.2-%20-%20Best%20Practices%202023_24.pdf

File Description	Documents
Best practices in the Institutional website	http://www.hit.edu.in/AQAR%202023-2024/7.2-%20-%20Best%20Practices%202023_24.pdf
Any other relevant information	http://hit.edu.in/AQAR_2023-2024/7.2.1 - Best Practices 2023 24 relevant Information.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)

7.3.1 Institutional Distinctiveness

Hindusthan Institute of Technology is dedicated to providing value-based quality education that empowers students to be economically productive, socially responsible, and ethically grounded individuals. The institution emphasizes Education, Ethics, Excellence, and Experience to shape the holistic development of its students, preparing them for global challenges.

Through various clubs and committees, HiTech fosters discipline, moral values, and leadership skills, encouraging students to express themselves confidently and engage in meaningful experiences. Its mission is to nurture knowledge, promote innovative research, and instill human values, with a focus on sustainability and societal needs.

The institution's commitment to excellence extends beyond academics. By integrating ICT tools, promoting ethics, and enhancing teaching-learning practices, HiTech ensures students are equipped with skills to meet evolving global demands. Strong industry connections through the Hindusthan Corporate Relations - Placement Cell prepare students for successful careers with robust soft-skills training.

HiTech also prioritizes personality development through cultural events, entrepreneurship initiatives, and extracurricular activities that help students discover and refine their talents. With its state-of-the-art infrastructure and a student-centered approach, HiTech creates an environment that inspires innovation, leadership, and social responsibility, achieving its vision of shaping future-ready individuals.

File Description	Documents
Appropriate link in the institutional website	http://www.hit.edu.in/AQAR%202023-2024/7.3%20-%20Institutional%20Distinctiveness%202023_24.pdf
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

7.3.2 Plan of action for the next academic year(2024-25)

To continue the maintenance of supportive and inclusive atmosphere for the holistic development of students, faculty, and support staff.

To Foster an academic environment that encourages excellence and innovation in the teaching-learning process.

To improve curriculum and syllabi as per the latest requirements of Industry and implementation of concepts towards attainment of SDGs

To Conduct quality-oriented research studies and promote consultancy and training programs to address contemporary challenges.

To Facilitate faculty and student exchange programs with reputed academic institutions

To Establish formal linkages through more numbers of Memorandums of Understanding (MoUs) to enhance academic and research collaboration.

To Raise awareness about environmental protection and take initiatives to promote sustainable practices on campus and beyond.

To Develop and implement advanced methodologies to enhance

teaching, learning, and evaluation processes.

To Continue providing access to formal education for financially challenged and deserving students through scholarships and other initiatives.

To Expand community outreach and extension activities to contribute to societal development and well-being.