



YEARLY STATUS REPORT - 2022-2023

Part A

Data of the Institution

1.Name of the Institution		Hindusthan College of Engineering and Technology
• Name of the Head of the institution		Dr J Jaya
• Designation		Principal
• Does the institution function from its own campus?		Yes
• Phone No. of the Principal		9176662859
• Alternate phone No.		9176662859
• Mobile No. (Principal)		9176662859
• Registered e-mail ID (Principal)		hicetprincipal@hindusthan.net
• Address		Valley Campus, Pollachi Highway, Malumichampatti
• City/Town		Coimbatore
• State/UT		Tamilnadu
• Pin Code		641032
2.Institutional status		
• Autonomous Status (Provide the date of conferment of Autonomy)		16/06/2016
• Type of Institution		Co-education
• Location		Semi-Urban

• Financial Status	UGC 2f and 12(B)				
• Name of the IQAC Co-ordinator/Director	Dr B Anand				
• Phone No.	9843048080				
• Mobile No:	9843048080				
• IQAC e-mail ID	iqac@hicet.ac.in				
3.Website address (Web link of the AQAR (Previous Academic Year)	https://hicet.ac.in/				
4.Was the Academic Calendar prepared for that year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://hicet.ac.in/calendar				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.07	2016	15/11/2015	05/10/2023
Cycle 2	A++	3.69	2023	06/10/2023	05/09/2028
6.Date of Establishment of IQAC			08/12/2014		
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 College of Engineering and Technology	Incubation	MSME	31/08/2015	Nil	
Hindusthan College of Engineering and Technology	IDEA Lab	AICTE	17/09/2021	10000000	

Technology				
Hindusthan College of Engineering and Technology	Institution Innovation Council	MoE	17/12/2018	Nil
Hindusthan College of Engineering and Technology	SIRO	DST-DSIR	23/07/2021	Nil
Hindusthan College of Engineering and Technology	SC ST Skill Development	AICTE	30/04/2021	1588533
Hindusthan College of Engineering and Technology	AICTE Margdarshan	AICTE	27/04/2024	1500000
Hindusthan College of Engineering and Technology	Nodal Centre	TNSCST	10/03/2023	10000
Hindusthan College of Engineering and Technology	Remote Centre	ISRO	04/01/2023	Nil

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	2	
<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions taken 	Yes	

uploaded on the institutional website?		
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded	
10. Did IQAC receive funding from any funding agency to support its activities during the year?	No	
<ul style="list-style-type: none"> If yes, mention the amount 		
11. Significant contributions made by IQAC during the current year (maximum five bullets)		
Accredited by NAAC with A++ - highest score 3.69 out of 4 in Cycle-II Accreditation		
Got NBA Accredited - UG 4 Programs until 30.06.2026 namely AERONAUTICAL ENGG, AUTOMOBILE ENGG, CIVIL ENGG, MECHATRONICS ENGG.		
NBA - E-SAR was successfully submitted for Bio-Medical Engg, Agricultural Engg, Food Technology, MBA and MCA Program		
ISO Certification extended to 06.03.2026		
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	
To Introduce New Regulation for UG	R2022 introduced for UG students	
To apply IIQA for Cycle 2	IIQA applied on 28.12.2022	
To Submit AISHE	Submitted on 27.12.2022	
To apply NBA for 4 UG Program (AERO, AUTO, CIVIL, MCT) under Tier 1	NBA Pre-qualifier submitted on 01.10.2022	
To apply AU CFR renewal and new department	AU CFR - Research departments Renewal (EEE, CSE) and New (PHYSICS, CHEMISTRY, CHEMICAL ENGG & CIVIL ENGG) orders received	
13. Was the AQAR placed before the statutory	Yes	

body?					
<ul style="list-style-type: none"> Name of the statutory body 					
<table border="1"> <tr> <td>Name of the statutory body</td> <td>Date of meeting(s)</td> </tr> <tr> <td>Governing Body</td> <td>27/12/2022</td> </tr> </table>	Name of the statutory body	Date of meeting(s)	Governing Body	27/12/2022	
Name of the statutory body	Date of meeting(s)				
Governing Body	27/12/2022				
14. Was the institutional data submitted to AISHE ?	Yes				
<ul style="list-style-type: none"> Year 					
<table border="1"> <tr> <td>Year</td> <td>Date of Submission</td> </tr> <tr> <td>2022</td> <td>22/12/2022</td> </tr> </table>	Year	Date of Submission	2022	22/12/2022	
Year	Date of Submission				
2022	22/12/2022				
15. Multidisciplinary / interdisciplinary					
<p>The institution has started implementing National Education Policy 2020 in Undergraduate and Postgraduate Programmes. Through the new Regulations 2022 of the institution, Minor Degrees with a Multidisciplinary / Interdisciplinary nature, Honors Degrees with Specialization, and Interdisciplinary Courses have been introduced to suit the level of students from one discipline who are eager to have a taste of other disciplines. This is done by creating horizontal and vertical movements of courses. Also, a group of interdisciplinary courses is available as electives known as Open Electives. In Open Electives, two new-era Technology Courses are made mandatory and the other Courses cover Life Skills. Value-Added Courses that cover the aspects that are not in the curriculum prescribed by the disciplines but add value by way of seeding the concepts of Soft Skills, Communication, Entrepreneurship, Design Thinking, etc., to make them better professionals. In addition, multi-disciplinary courses that hone managerial skills such as Financial Management, Digital Marketing, etc., related to the handling of finance are offered. Choices are given to the students to study Foreign Language Courses such as Japanese and French</p>					
16. Academic bank of credits (ABC):					
<p>The institution is a registered member of National Academic Depository (NAD) to validate the authenticity and safe storage of academic awards viz. certificates, diplomas, degrees, mark-sheets etc. The institution NAD ID is NAD007029. The institution is getting</p>					

Page 5/123 30-01-2024 03:03:51 Annual Quality Assurance Report of HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY ready towards digitalizing the certificates of students for uploading in the ABC portal. As suggested in the National Education Policy 2020 (NEP 2020), the students will be given freedom to study in any institution across the country of their choice. To enable credit transfer and joint degrees through collaborations and internationalization of its education, the institution has signed MOUs with 5 Foreign Universities. For the effective implementation of the above, the institution has a flexible Choice Based Credit System (CBCS) and Outcome Based Education (OBE) in its regulations. As a prelude to the implementation of the Academic Bank of Credits prescribed in the NEP, the institution has formulated a well-defined credit system in which the following features are either incorporated already or planned to be included in the Regulations 2022.

- Exchange of credits for courses and internships done in collaboration with industry partners / foreign universities.
- Credits earned through online courses such as SWAYAM are already being considered for the award of the degree.
- Credits can also be earned by publishing papers or patent.
- Extra credit courses are also incorporated to help advanced learners.
- Redesigning of the curriculum is being planned to suit the Multiple Entry-Multiple Exit scheme, so that suitable certification, diploma, graduate degree, post-graduate degree, and doctorate can be awarded at the appropriate time based on an extension of the same course of study.

A total of 7 students got benefited through multiple entry and exit system during 2021-2022.

17.Skill development:

In order to enhance the skill and employability of the students, three Employability Enhancement Courses (EEC) are added to the curriculum in semesters I & II. In the III and IV semesters, more Employability Enhancement Courses (EEC) are added to the curriculum as mandatory courses with zero credit. In the VI and VII semester, one Employability Enhancement Course (EEC) was added as a mandatory course with one credit. As per NEP, entrepreneurial skills are important to the students studying in the technical Institution, so as to contribute to the economy of the country. Toward achieving this, the institution started an Entrepreneurship Development Cell (EDC) and organizes many programs in this regard. To focus on providing more employability skills, the institution offers a minimum of 6 Value-Added Courses (VAC) per programme. In other words, 58 Value-Added Courses (VAC) and Vocational Courses are conducted for the UG and PG students during 2021-2022. Industry experts from IBM, Microsoft, Volvo Eicher and Royal Enfield are

engaged in providing various skill courses for the students. Mandatory Internship/Industrial Training gives opportunities for the student to get exposure in the industrial arena. AICTE sponsored IDEA Lab is opened for all the students for 24/7 (all the time). This helps the students to experiment their ideas and making products in the institution itself. Apart from this, the Industry Institution Partnership (IIP) initiated to help the students to develop the skills. The available Industry-Partnered Centers, Competency Development Centers and Professional Societies focuses on skill development for all the students in both technical and soft skills. The institution also, through Corporate Relations Team (CRT), conducts placement training throughout the course.

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

The integration of Indian Knowledge System in the curriculum has been done with suitable syllabus. The students are learning the Indian Knowledge System with emphasis on teaching Indian Languages, Culture, Indian Heritage Knowledge and Medicinal Values of Indian Echo System has also been taught to all the students of the institution. The faculty members clearly explain the value system that exist in Indian tradition and social life. The students are also given exposure about the Indian knowledge system through participation in culturally important places of India. The institution is having 31 Clubs which organizes many events regularly in order to inculcate cultural and social values in the minds of students. Yoga classes are conducted in the institution campus regularly and this has been made as mandatory for 3 Week Induction Program for I year students. Multicultural functions are organized to showcase the culture of Tamil, Kerala and other Parts of India.

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

Outcomes based education (OBE) is the highlighted trend these days in education area to the students in their professional career and lead them to greater informed and creative. OBE is very well implemented in the institution. To acquire the attributes detailed for outcome based totally right overview techniques are required, due to the fact assessment of the graduate attributes plays a key position in coaching gaining knowledge of system to enhance the device and to improve the overall performance of the students. Five programmes are accredited by NBA thereby the Graduate Attributes (POs) as highlighted in 'Washington Accord' are taken care in the formation of curriculum. The Outcome Based Education

(OBE) within the framework of Choice Based Credit System (CBCS) also renders all the flexibility in devising the curriculum and syllabus. The institution is practicing Outcome Based Education by defining appropriate Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs) and for all the programmes and courses offered. At the end of the course, mapping of the laid-out COs to POs/ PSOs are carried out and attainment of the POs/PSOs meticulously evaluated through attainment of COs. Employability Enhancement Courses, Internship, Mini Project, Project Work, Industrial Training, Value-Added Courses through which student understands industrial requirements and emerging technologies and can enhance their skills for industrial employability. These courses are part of the syllabus to make the education outcome based. Further, students' assessment is made through continuous internal assessments like periodical tests, assignments, seminars, peer team teaching, group discussions, and quizzes.

20.Distance education/online education:

The institution desires to impart both distance education and online education in view of NEP 2020 to upskill the knowledge for global competency with the approval of Distance Education Bureau of UGC. The institution has all the necessary infrastructure and necessary tools to offer both distance education and online education. The institution was highly successful in offering online classes through online platforms such as Zoom, Google Meet, Microsoft teams, etc. The faculty members have created 600+ e-content. In order to utilize the online resources, the pedagogy process is carried out through google classroom for each course offered. Faculty members and students also use online resources like SWAYAM, NPTEL, Coursera, edX, ICT Academy's Learnathon, NASSCOM's Future Skill Prime, etc. The online platforms like Kahoot, Hot Potatoes, Testmoz, QUIZZIZZ and Mentimeter are used to assess the understanding level of students while delivering the lecture itself. The Campus Management System (E-campus) facilitates teachers to maintain a complete profile of students including personal and academic details, attendance, CIAMarks and fee payment details. It also acts as a Faculty Record Book that carries the complete details of the course. Every semester, feedback on teaching methodologies adopted by faculty members from the students is collected through E-campus.

Extended Profile

1.Programme

1.1	22
Number of programmes offered during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File
2.Student	
2.1	5471
Total number of students during the year:	
File Description	Documents
Institutional data in Prescribed format	View File
2.2	1327
Number of outgoing / final year students during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File
2.3	5340
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	1353
Number of courses in all programmes during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File
3.2	386
Number of full-time teachers during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

3.3	274
Number of sanctioned posts for the year:	
4.Institution	
4.1	900
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	
4.2	129
Total number of Classrooms and Seminar halls	
4.3	1759
Total number of computers on campus for academic purposes	
4.4	2635.21
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.	
<p>In order to meet the needs of society, the institute's curriculum is meticulously developed in accordance with international standards including the UN SDG, MoE, UGC, AICTE, NEP2020, Washington Accord, and Anna University recommendations. It puts an emphasis on entrepreneurial abilities, cutting-edge teaching methodologies, and real-world problem-solving techniques over conventional methods. Continuous updates are derived from industry feedback, regulatory standards, input from top institutions, and recommendations from several academic organizations, promoting a dynamic learning environment.</p>	

To ensure overall development, course categories include Employability Enhancement, Skill Development, Mandatory, Extension, Co-curricular, Extracurricular, and Outreach activities. Internships, projects, electives, self-learning, and value-added courses are all incorporated into the curriculum to help students become more industry ready and capable of conducting research.

The curriculum is designed to foster holistic development by incorporating various categories such as Employability Enhancement, Skill Development, Mandatory, Extension, Co-curricular, Extracurricular, and Outreach activities. It seamlessly integrates internships, projects, electives, self-learning, and value-added courses to equip students with the necessary skills for industry readiness and research proficiency.

The collaboration with the government-linked ICT Academy, industry-integrated programs with leading companies, and academic partnerships with foreign universities offer diverse opportunities for students. Specialized centers like the Innovative Product Development Centre and AICTE IDEA Lab promote hands-on experience and entrepreneurial initiatives. These initiatives, along with Outcome-Based Education and the Choice-Based Credit System, underscore a student-centric approach in teaching and learning, preparing graduates to tackle challenges at local, regional, national, and global levels.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://hicet.ac.in/ssr/Criterion_I/1-1-1/Added-info/Curriculum-Development-Process.pdf

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

17

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**973**

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****973**

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**17**

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

The institution places a strong emphasis on holistic student development by incorporating value-based courses into its curriculum. These courses focus on instilling moral values, social commitment, and professional responsibility in students, covering areas such as Professional Ethics, Gender Equality, Human Values, Environment and Sustainability Studies, Environmental Awareness, IPR Knowledge, Indian Constitution, and Human Rights.

The curriculum includes compulsory courses like Environmental Studies, IPR, Indian Constitution, Research Methodology, and Human Rights. Additionally, multi-disciplinary offerings enrich students' knowledge. Professional Ethics courses are integrated into the undergraduate program with a focus on Indian Constitution, IPR, and Indian Traditional Knowledge. The postgraduate curriculum covers Research Methodology and Indian Ethos. Gender issues are addressed through elective courses on Human Rights, Women's Rights, and Gender Equity, tackling critical topics like harassment, domestic violence, and gender bias in the workplace. Programs promoting Women Empowerment and environmental responsibility are actively conducted to create a campus environment free of ragging through the anti-ragging committee.

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

60

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**4914**

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**3913**

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	https://hicet.ac.in/feedback
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	https://hicet.ac.in/feedback
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

1403

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)

1209

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.

The institution implements a comprehensive approach to evaluating and enhancing students' learning abilities, beginning with a Student Induction Program (SIP) and orientation in the first month. Continuous assessment identifies students as either slow learners ("I Shall") or advanced learners ("I Shine"), based on various criteria derived from assessments, examinations, interactions, and activities.

Slow learners benefit from "I Shall," which offers remedial courses outside regular class hours, focusing on clearing doubts and

offering additional support. Mentor-Mentee modules facilitate career development, encouraging faculty members and students to participate together in extracurricular activities. Advanced learners thrive in the "I Shine" track, featuring a fast-track stream, industry internships, project presentations, and preparation for higher studies and service commission exams.

Outcomes from these efforts showcase improved pass percentages, increased participation in innovation contests and online programs, and enhanced placement percentage. The institution's proactive measures ensure continuous improvement in students' academic performance and holistic development.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://hicet.ac.in/courses

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
31/05/2023	5471	386

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:

The institution prioritizes holistic higher education by focusing on experiential and participative learning, integrating problem-solving techniques within a Choice Based Credit System (CBCS) with Outcome Based Education (OBE).

Experiential Learning: The institution facilitates hands-on experiences such as internships, mock interviews, and laboratory experiments, bridging the gap between theory and application. Collaborative programs, industry visits, and competency development

centers provide practical insights, enhancing on-the-job experiences.

Participative Learning: Various methods like group activities, flipped classrooms, and webinars promote active engagement and collaboration. Online resources complement participatory learning, contributing to a dynamic educational environment.

Problem-solving Methodologies: Project-based learning, aptitude training, case studies, and IIC activities enhance problem-solving, critical thinking, and strategic skills among students.

Outcomes: The institution's approach develops communication, interpersonal skills, creativity, and problem-solving abilities. Students gain analytical thinking through exposure to real-world challenges and industry collaborations, leading to increased participation in innovation contests and the initiation of start-up ventures.

File Description	Documents
Upload any additional information	View File
Link for additional Information	https://hicet.ac.in/student-centric-learning

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

The institution prioritizes effective teaching and learning by extensively incorporating Information and Communication Technology (ICT) into its educational practices. Faculty members utilize a variety of online materials, including SWAYAM-NPTEL, National Digital Library, NLIST/INFLIBNET, ProQuest, Shodhganga, electronic books, and E-Journals. The institution's digital library is equipped with resources such as IEEE and DELNET Online Access, providing students with enhanced access to e-learning materials.

The institution prioritizes efficiency in education through the utilization of modern technology. A Learning Management System (LMS) and the Swayam Prabha DTH platform deliver high-quality educational content. Teachers leverage digital tools to create engaging materials such as presentations, videos, and animations, shared through platforms like Google Classroom.

ICT tools such as projectors, smart boards, computers, and printers are readily accessible, while online platforms like Webinar Jam,

Zoom, and Google Meet facilitate interactive online classes. Moreover, students benefit from a surplus of resources including MOOC platforms, digital libraries, electronic databases, online compilers, and virtual labs, enhancing their learning experience in a technologically enriched environment.

The institution is committed to modern educational practices by extensively using ICT tools like A-view for faculty development and E-campus for student profiles. This commitment ensures that resources are easily accessible from any location and at any time.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://hicet.ac.in/aqar/AQAR-2022-23/C2/2-3-2/Tools.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

358

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 places a strong emphasis on training students to meet deadlines, seeing it as a crucial step in improving the quality of teaching and learning. They share the academic calendar through various channels, detailing class start dates, internal tests, and holidays. Before each semester, the Academic Process Schedule is carefully crafted to plan and monitor academic activities, covering aspects like timetable creation, staff needs, audits, and meetings.

The Academic Calendar is developed by a committee, including the Principal, Dean, Controller of Examinations, and IQAC coordinator. It provides comprehensive information about the institution's

vision, programs, faculty, rules, examinations, financial support, and various committees. It also outlines working days, assessments, examinations, holidays, and events.

Faculty members create unit-wise teaching plans approved by the Head of Department (HOD) to ensure effective course coverage. The Calendar Adherence Committee oversees adherence to the Academic Calendar, with any deviations or recommendations sent to the Principal for implementation in subsequent calendars.

The outcomes of these efforts include the successful implementation of planned academic activities for the 2022-2023 academic year, the timely completion of End Semester Examinations, and proactive event planning by all departments.

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

386

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

107

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)**12**

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****24**

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**32**

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 institution conducts examinations for B.E/B.Tech. and M.E/MBA/MCA programs in accordance with curriculum guidelines and autonomy regulations. Students' performance is assessed through

Continuous Internal Assessment (CIA) and End Semester Examinations (ESE), overseen by the Examination Committee, headed by the Principal and the Controller of Examinations (COE), in compliance with UGC standards.

The integration of Information Technology (IT) into the examination process enhances fairness, efficiency, reliability, and transparency. The Online Controller of Examinations (OCOE) system, which is IT-integrated, enables paperless planning and execution of examinations. Tasks such as course-wise data entry, exam application generation, online fee payment, and result compilation are streamlined through an integrated exam portal.

CIA comprises two assessments per semester, ensuring a comprehensive evaluation of theory, practicals, seminars, projects, and viva-voce. The ESE system employs a unified central evaluation approach for both undergraduate and postgraduate programs, with a minimum passing requirement of 50%.

The institution has adopted IT for multiple enhancements, such as automating internal mark calculations, collecting fees online, publishing results in student logins, and verifying qualifications online. This incorporation of technology has resulted in a more streamlined and transparent evaluation process.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://hicet.ac.in/agar/AQAR-2022-23/C2/2-5-3/Examination-Reforms.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 institution prioritizes transparency in its educational approach by providing clear guidelines for Program Outcomes (POs), Program Specific Outcomes (PSOs), and Course Outcomes (COs) for all programs, which are readily accessible on the college website. These outcomes, meticulously designed by committees and endorsed by the Board of Studies and Academic Council, are intricately woven into the institution's overarching vision and mission.

PSOs are crafted to complement POs, emphasizing proficiency in

language, science, technology, and management to foster holistic socio-economic development. They are tailored to reflect academic competency, social relevance, skill enhancement, employability, and value-based education, all of which are pivotal for societal advancement.

Students, faculty, and stakeholders can effortlessly access detailed POs, PSOs, and COs on the college website, ensuring transparency and clarity in educational objectives. COs, distributed to students each semester, serve as guiding principles for learning objectives. Faculty undergo continuous training to ensure their teaching methodologies align with evolving concepts, facilitating student progression.

Various dissemination methods, including the college website, curriculum materials, display boards, laboratory manuals, classroom presentations, newsletters, event brochures, meetings, and induction programs, are employed to comprehensively communicate and promote understanding of educational objectives among all stakeholders.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	https://hicet.ac.in/curriculum-and-syllabi

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

The institution is dedicated to fostering transparency in education by making Program Outcomes (POs), Program Specific Outcomes (PSOs), and Course Outcomes (COs) readily available on college website. These COs are meticulously crafted by committees, endorsed by the Board of Studies and Academic Council, and are in alignment with the institution's vision and mission.

The PSOs are designed to complement the POs, focusing on language, science, technology, and management proficiency to contribute to holistic socio-economic development. These outcomes reflect academic competency, social relevance, skill development, employability, and value-based education, ultimately contributing to societal growth.

To ensure widespread access, detailed POs, PSOs, and COs are readily available on the college website for students, faculty, and

stakeholders. COs are shared with students each semester, serving as a guide for learning objectives. Faculty undergoes training to ensure their teaching methods align with evolving concepts, promoting student progression.

The institution employs diverse dissemination methods, including the college website, curriculum and syllabi books, test and assignment notes, display boards, laboratory manuals, classroom displays, department newsletters, event brochures, class committee meetings, and induction programs. These efforts aim to facilitate comprehensive communication and understanding of educational objectives among all stakeholders.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://hicet.ac.in/aqar/Policy%20Documents/HiCET-Outcome-Based-Manual.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

1177

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	https://hicet.ac.in/aqar/AQAR-2022-23/C2/2-6-3/AnnualReport-22-23.pdf

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire). Results and details need to be provided as a weblink

<https://www.hicet.ac.in/iqac#student-satisfaction-survey>

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

Hindusthan College of Engineering and Technology (HiCET) fostering a robust research culture among faculty members and students. A well defined Research Committee, guided by Research Promotion Policy, encourages innovative and industrially relevant research. The institution has established eight recognized research departments under Anna University, Chennai. Also Institution established facilities include DSIR-SIRO recognition, well-equipped research laboratories, an AICTE IDEA Lab, and an MSME-approved Hindusthan Product Development Centre. The Innovation and Incubation Council (IIC) achieved a 4-star rating in 2022. The institution has trained students through partnerships with INTEL, Volvo Eicher, and LabVIEW Academy School. In order to promote the research institution gives seed money and disbursed incentives.

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://hicet.ac.in/agar/Policy%20Documents/HiCET-Policy-for-Promotion-of-Research-V2.pdf
Any additional information	View File

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

2.64

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

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

19

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

3.2 - Resource Mobilization for Research

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

13.251

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

13

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://hicet.ac.in/research
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

42

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

8

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://hicet.ac.in/files/FUNDING-AGENICES-INIDA.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.

Hindusthan College of Engineering and Technology (HiCET) has fostered a vibrant ecosystem for research, innovation, and entrepreneurial ventures. With seven Centers of Excellence, an MSME Incubation Centre, and collaborations with industry leaders like IBM, the institution promotes a culture of innovation in teaching and research, translating ideas into viable business propositions.

DSIR-SIRO recognition and MSME recognition enhance the institution's innovation ecosystem. An ecosystem for innovation and the creation and transfer of knowledge is a dynamic and interconnected network of institutions, individuals, policies, and processes that facilitate the development, dissemination, and application of new ideas, technologies, and knowledge.

- **Research and Development:** Conducting basic and applied research to generate new knowledge and technologies.
- **Collaborative Projects:** Partnerships between universities, companies, and other entities to co-create knowledge and innovations.
- **Technology Transfer Offices:** University or research institution departments that manage the commercialization of research outputs.
- **Industry-Academia Collaborations:** Joint ventures, partnerships, and projects that facilitate the movement of knowledge from academia to industry.
- **Incubators and Accelerators:** Programs that support startups and new ventures through mentorship, resources, and networking.
- **Intellectual Property Management:** Protecting and managing IP to ensure that inventors can profit from their innovations.
- **Market Research and Analysis:** Understanding market needs and trends to align innovations with market demand.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://hicet.ac.in/edc-club

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

110

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								
<table border="1"> <thead> <tr> <th>File Description</th><th>Documents</th></tr> </thead> <tbody> <tr> <td>Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check</td><td>View File</td></tr> <tr> <td>Any additional information</td><td>View File</td></tr> </tbody> </table>	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			
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									
17									
<table border="1"> <thead> <tr> <th>File Description</th><th>Documents</th></tr> </thead> <tbody> <tr> <td>URL to the research page on HEI website</td><td>https://hicet.ac.in/hicet-research</td></tr> <tr> <td>List of PhD scholars and details like name of the guide, title of thesis, and year of registration</td><td>View File</td></tr> <tr> <td>Any additional information</td><td>View File</td></tr> </tbody> </table>	File Description	Documents	URL to the research page on HEI website	https://hicet.ac.in/hicet-research	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	
File Description	Documents								
URL to the research page on HEI website	https://hicet.ac.in/hicet-research								
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									
242									
<table border="1"> <thead> <tr> <th>File Description</th><th>Documents</th></tr> </thead> <tbody> <tr> <td>List of research papers by title, author, department, and year of publication</td><td>View File</td></tr> <tr> <td>Any additional information</td><td>View File</td></tr> </tbody> </table>	File Description	Documents	List of research papers by title, author, department, and year of publication	View File	Any additional information	View File			
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

143

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://hicet.ac.in/agar/AQAR-2022-23/C3/3-4-4/3-4-4-support.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

1372

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

21

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)

32.4

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

15.86

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

Extension activities aimed at sensitizing students to social issues in their neighborhood are crucial for their holistic development. These activities help students understand and engage with real-world problems, fostering empathy, civic responsibility, and practical problem-solving skills.

1. **Clean-Up Drives:** Organize neighborhood clean-up events where students collect litter, separate recyclables, and beautify public spaces. This promotes environmental awareness and community pride.
2. **Tree Planting Campaigns:** Involve students in planting trees

and maintaining green spaces, educating them about environmental conservation and the importance of urban greenery.

3. **Health Camps:** Partner with local healthcare providers to organize free health check-ups, dental camps, and vaccination drives. Students can assist in logistics and awareness campaigns.
4. **Mental Health Awareness:** Conduct workshops and seminars on mental health issues, involving local psychologists and counselors to educate students and the community on the importance of mental well-being.
5. **Cultural Festivals:** Organize cultural exchange events where students can learn about and celebrate the diverse cultures within their community, promoting inclusivity and cultural awareness.
6. **Voter Registration Drives:** Educate the community about the importance of voting and help organize voter registration drives, particularly targeting first-time voters.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://hicet.ac.in/explore-more#non-statutory-body::~text=Extra%2DCurricular%20Activities%20Committee

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

55

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	No File Uploaded

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)

144

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**4285**

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****1612**

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)**44**

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.

Hindusthan College of Engineering and Technology (HiCET) is conveniently located on the Coimbatore-Pollachi highway, 15 km from Coimbatore Railway Station and 25 km from Coimbatore International Airport. Spanning across 30.14 acres, the campus boasts seven academic blocks equipped with elevators. Featuring 120 ventilated classrooms spread over 11,021 sq.m., each equipped with ICT facilities and LCD projectors/smart boards, the institute ensures a conducive learning environment. The classrooms are designed with ample natural lighting, LED lights, ceiling fans, and spacious windows. Additionally, the campus houses various administrative halls, laboratories, seminar halls, auditoriums, and centers of excellence. Hostel facilities for both boys and girls accommodate 2,500 and 600 members respectively, each furnished with reading and recreation rooms. With 50 laboratories across engineering and science departments, students have access to modern equipment for practical learning. The institute prioritizes faculty comfort with spacious cabins and provides amenities like RO drinking water and washrooms on all floors. Furthermore, HiCET offers a well-stocked library with over 81,577 volumes of books, digital resources, and subscriptions to online platforms like IEEE and ProQuest. Physical infrastructure includes solar power generation, rainwater harvesting, parking, sports facilities, and cultural halls, ensuring a holistic educational experience for students and faculty. Transportation is facilitated through a fleet of 12 buses for day scholars and faculty within a 50 km radius.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://hicet.ac.in/Infrastructure-Facilities

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 institution boasts a 10-acre playground with a 200m track for athletic events and hosts a variety of sports. The Department of Physical Education, led by a Physical Director and Assistant Physical Directors, supports both indoor and outdoor games, facilitating intra and inter-collegiate tournaments. Sports activities occur daily from 7:30 am to 7:30 pm. An indoor stadium of

690 sq.m caters to Table Tennis, Carrom, Chess, etc. Outdoor facilities include cricket, basketball, football, tennis, shuttle, volleyball, kabaddi, and ball badminton courts. The students showcase their achievements in sports.

Specifications for outdoor and indoor games include a cricket ground, volleyball court, badminton courts, basketball courts, football ground, throw ball court, kabaddi courts, carrom boards, table tennis tables, and chess boards. Modern sports equipment is available, and the Department organizes Zonal, State, and National-level sports events.

A spacious, air-conditioned gymnasium of 181.16 sq.m offers diverse equipment, and separate timings are provided for men and women. The institution features 31 clubs for extracurricular activities, yoga halls, and an auditorium for various events, including Annual Day, Graduation Day, and technical and cultural events. Additionally, an annual event called EDUCAT aims to enhance school students' scientific and engineering acumen.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	https://hicet.ac.in/Infrastructure-Facilities

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

129

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)

914

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	No File Uploaded

4.2 - Library as a Learning Resource

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

Established in 2000, the HiCET Library serves as a vital resource hub for students, offering a spacious carpet area of 2020 sq.mt with 350 seats. Its extensive collection comprises 81,557 books, 216 journals, 29 magazines, 5,041 thesis reports, 2,773 back volumes, and 4,192 compact discs. Security cameras ensure user safety, while a digital library enhances learning through online cataloging and access to e-resources like IEEE-ASPP, NDLI, and ProQuest. The institution also provides access to educational broadcasts via Swayam Prabha DTH, featuring lectures from prestigious institutions like IGNOU and IITs. Additionally, scholarly networks are fostered through platforms like ORCID and Google Scholar. Since 2004, the library has been managed by the Integrated Library Management System (ILMS) using Lips iNet software, facilitating functions such as circulation, acquisition control, and generating transaction reports. The digital library complements traditional resources, offering access to encyclopedias, competitive exam materials, and NPTEL Video Lectures on 30 computers, enriching the academic experience beyond the syllabus.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://hicet.ac.in/library

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)

113

File Description	Documents
Audited statements of accounts	View File
Any additional information	No File Uploaded
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

147329

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	No File Uploaded

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

The institution's IT policy encompasses standards for IT Service Management, Information Security, Network Security, Risk Management, and Software Management. Overseeing these protocols is the Computer Management Department (CMD), responsible for planning, procuring, installing, and configuring IT equipment across labs and administrative sectors. CMD manages operating systems, IP addresses,

proxies, and email systems. The campus features 1759 computers utilized for academic purposes, connected via fiber optic cables in a Local Area Network (LAN). Internet connectivity is facilitated by a 1Gbps leased line, complemented by Wi-Fi accessibility in staff rooms, classrooms, halls, hostels, and offices. Cybersecurity measures include licensed software, firewalls, and an Intrusion Detection and Prevention system protecting both wired and Wi-Fi networks. Access control is enforced through user or device authentication, while all computers are equipped with regularly updated licensed antivirus software. Administrator passwords are safeguarded to limit user privileges. Essential software like MS Office, Autocad, and Solidworks is installed as per curricular requirements. CMD efficiently manages software applications in administrative sectors and communicates maintenance procedures to department heads for streamlined troubleshooting, ensuring a secure, updated, and well-maintained IT infrastructure.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://hicet.ac.in/ssr/Criterion_IV/4-3-1/Add-info/4-3-1-1.pdf

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
5471	1759

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. 250 Mbps

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	No File Uploaded

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing	A. All four of the above
--	---------------------------------

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.youtube.com/channel/UCDqYHDKjPLxiDu4o0MixmRw
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)

114

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	No File Uploaded

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.

The institution boasts a robust system for maintaining physical, academic, and support facilities. Oversight is split between technical and nontechnical teams, with the Campus Manager coordinating maintenance activities. Dedicated supervisors manage Civil, Electrical, Housekeeping, Transport, Security, and Computers. Maintenance reviews occur biannually, with decisions made collaboratively by the Principal and Management. Adequate funds are allocated annually for maintenance, infrastructure development, and equipment updates. The general maintenance team ensures the upkeep of the seven well-furnished blocks, classrooms, seminar halls, auditoriums, and amphitheater. Electrical maintenance guarantees uninterrupted power supply, while the library committee manages procurement systematically according to departmental needs. Computer

maintenance is overseen by a Systems Administrator across 26 computer centers, with department laboratory maintenance handled by the general maintenance supervisor. The sports facility, transport, security department, canteen, food court, and boys' and girls' hostels each have dedicated teams ensuring proper functioning and maintenance. The institution is committed to accessibility, maintaining a barrier-free campus for differently-abled individuals and promoting a plastic and litter-free environment. Regular audits, systematic planning, and effective execution contribute to maintaining a conducive and functional campus environment.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://hicet.ac.in/aqar/Policy%20Documents/HiCET-Maintenance-Policy.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

2537

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

1245

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	https://hicet.ac.in/capacity-development-and-skill-enhancement-activities
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	
3650	
File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File
5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees	A. All of the above

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

951

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

71

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

34

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

199

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 objectives and functions of the Student Council include encouraging participation in college events, motivating involvement in activities promoting college development, fostering civic responsibility, leadership, and human relations, and facilitating participation in club and committee activities. Students actively contribute to academic bodies such as the Board of Studies, Department Advisory Committee, and Class Committee Meetings. Students participate in administrative bodies like the Anti-Ragging Committee, Anti-Ragging Squad, Prevention of Sexual Harassment Cell (POSH) / Internal Compliance Committee (ICC), and Students Grievance Redressal Committee. They also contribute to sports events, entrepreneurship development, library activities, and various clubs like Rotaract, Fine Arts, Programming / IOT / Data Analytics / AI&ML, Tamil Mandram, Energy club, Yoga, NSS/NCC, Alumni Association, ELOC Club etc.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://hicet.ac.in/clubs

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

40

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	No File Uploaded

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

Hindustan College of Engineering and Technology Alumni Association(HICETAA) is registered under the Tamil Nadu Registration of Societies Act, fostering connections between alumni and the institution.HICETAA aims to create a vibrant forum for alumni interaction, networking, and supporting the alma mater in various ways.The association organizes alumni-student interaction programs, offering insights into career guidance, higher studies, and competitive examinations. Overall, HICETAA builds a lifelong nexus with the institute, promoting best practices, knowledge exchange, and financial assistance for deserving students.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://hicet.ac.in/alumni

5.4.2 - Alumni's financial contribution during the year

A. ? 15 Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

The institution places a strong emphasis on decentralized, transparent, and participatory governance that involves all stakeholders. The CEO, Principal, and Dean are the members of the administrative leadership team. They have been trained in effective leadership through initiatives like IIM Kozhikode's Senior Management and Leadership for Academicians (LEAP).

The Governing Body (GB) headed by the Managing Trustee, alongside the Academic Council, contributes to decision-making on budgeting, establishments, and research. Under the direction of the Dean of Academics, the Curriculum Development Cell (CDC) focuses on reorganizing on a regular basis to give students multidisciplinary skills. By methodical preparation, the Internal Quality Assurance Cell (IQAC) guarantees academic excellence.

A participatory environment is created by a number of committees, such as the Planning and Evaluation Committee, Finance Committee, and Student Quality Assurance Cell (SQAC). The governance of the institution places a strong emphasis on curriculum enhancement that is in line with the National Education Policy (NEP) and Outcome-Based Education (OBE), as well as effective teaching and learning strategies, ICT-enabled learning systems, outreach initiatives, Centers of Excellence establishment, and the development of entrepreneurial and job-related skills. In general, HiCET seeks to advance social consciousness and develop future leaders who are socially conscious.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://hicet.ac.in/agar/AQAR-2022-23/C6/6-1-1/Representation.pdf

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

Effective leadership is the cornerstone of success in any institution, and Hindusthan College of Engineering and Technology (HCET) stands as a testament to this truth. At HiCET, the ethos of effective leadership permeates through various institutional practices, foremost among them being decentralization and participative management.

Decentralization at HiCET ensures that decision-making authority is distributed across various levels of the institution, empowering faculty and staff to take ownership of their roles and contribute meaningfully to the college's growth. This decentralized approach fosters a culture of innovation and accountability, where ideas can flourish and initiatives can be swiftly implemented.

Moreover, participative management is ingrained in HiCET's fabric, where leaders actively seek input and collaboration from all stakeholders, including faculty, staff, students, and alumni. This inclusive approach not only harnesses the collective wisdom and creativity of the entire HCET community but also fosters a sense of belonging and commitment among its members.

Through decentralization and participative management, HiCET's leadership cultivates an environment where individuals are not just passive recipients of directives but active participants in shaping the institution's trajectory. It is through these institutional practices that the true essence of effective leadership is realized, driving HiCET towards excellence in education and beyond.

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	https://www.hicet.ac.in/explore-more#industry-partnered-centres

6.2 - Strategy Development and Deployment

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

The institution effectively deploys its strategic plan, focusing on academics, research, entrepreneurship, innovation, placements, and infrastructure. Presently the institution is under fifth 5 year plan (i.e) 2021 to 2026. In order to ensure the strategic Plan, a separate committee 'Strategy Planning and Monitoring Committee' is functioning in our campus. Moreover, this committee analyze and submit 'Annual Deployment Report'. Such committee meeting was conducted on 11.05.2022.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://www.hicet.ac.in/igac#strategic-plan-deployment
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 effective functioning of various institutional bodies is a cornerstone of Hindusthan College of Engineering and Technology's (HiCET) commitment to excellence and efficiency. This is evident across policies, administrative structures, appointment and service rules, and procedural frameworks.

HiCET's policies are meticulously crafted to reflect its values, objectives, and regulatory requirements, ensuring clarity, consistency, and fairness in decision-making processes. The administrative set-up is designed to facilitate smooth coordination and communication, with clearly defined roles and responsibilities assigned to different units and individuals.

Appointment and service rules at HiCET are established with a focus on meritocracy, transparency, and equity, promoting a culture of professionalism and integrity. Robust procedures are in place to streamline operations and ensure compliance with statutory regulations and internal guidelines.

Overall, HiCET's institutional bodies function with efficiency and effectiveness, guided by principles of accountability, inclusivity, and continuous improvement. This cohesive framework enables HiCET to uphold its mission of providing quality education, fostering innovation, and empowering students to excel in their chosen fields.

File Description	Documents
Paste link to Organogram on the institution webpage	https://www.hicet.ac.in/explore-more#organogram
Upload any additional information	View File
Paste link for additional Information	https://hicet.ac.in/aqar/AQAR-2022-23/C6/6-2-2/Policy.pdf

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

A. All of the above

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

6.3 - Faculty Empowerment Strategies

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

Hindusthan College of Engineering and Technology prioritizes the well-being and professional growth of its teaching and non-teaching staff, embodying a commitment to their holistic development. The institution has implemented a range of effective welfare measures to ensure the welfare and satisfaction of its employees.

HiCET's welfare measures encompass various aspects, including healthcare benefits, insurance coverage, housing facilities, and recreational activities, among others. By providing comprehensive support in these areas, HiCET demonstrates its dedication to fostering a conducive work environment where staff members feel valued, supported, and motivated to excel in their roles.

In addition to welfare measures, HiCET offers ample avenues for career development and progression for both teaching and non-

teaching staff. The institution invests in continuous training and skill enhancement programs, encourages participation in conferences and workshops, and provides opportunities for higher education and professional certifications. Through these initiatives, HiCET empowers its staff to continuously upgrade their knowledge and expertise, thereby facilitating their career advancement within the institution and beyond.

By prioritizing the welfare and career development of its staff, HiCET not only strengthens employee satisfaction and retention but also enhances overall institutional effectiveness and performance. This holistic approach underscores HiCET's commitment to nurturing a thriving community of educators and support staff dedicated to the institution's mission of academic excellence and societal impact.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://hicet.ac.in/agar/Policy%20Documents/HiCET-Human-Resource-Policy.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

230

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

79

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.)

310

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

At Hindusthan College of Engineering and Technology (HiCET), financial accountability and transparency are paramount principles guiding institutional governance. To ensure adherence to these standards, HiCET conducts regular internal and external financial audits.

Internally, HiCET's finance department, supported by qualified professionals, conducts periodic audits to review financial transactions, assess compliance with accounting standards, and identify areas for improvement. These internal audits serve as a proactive measure to maintain financial integrity and mitigate risks.

Externally, HiCET engages CA. Ravishankar, Rajan Sankar & Co. Chartered Accountants to conduct independent audits of its financial statements. These audits are conducted in accordance with established auditing standards and provide an objective evaluation of the institution's financial health and compliance with regulatory requirements.

By conducting both internal and external financial audits regularly, HiCET demonstrates its commitment to fiscal responsibility, accountability, and governance. These audits not only ensure the prudent management of resources but also enhance stakeholders' trust and confidence in the institution's financial management practices. Moreover, they contribute to the continuous improvement of HiCET's financial systems and processes, reinforcing its reputation as a well-managed and transparent institution in the higher education landscape.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://hicet.ac.in/finance-committee

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)

2.96

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

Hindusthan College of Engineering and Technology (HiCET) employs comprehensive institutional strategies for both mobilizing funds and ensuring optimal utilization of resources, vital pillars in sustaining and enhancing its educational mission.

To mobilize funds, HiCET adopts a multifaceted approach. This includes actively seeking government grants, fostering partnerships with industry for research and development projects, and cultivating relationships with alumni and donors for philanthropic contributions. Additionally, HiCET explores opportunities for securing grants from national and international funding agencies to support academic and research initiatives.

In tandem with fund mobilization efforts, HiCET prioritizes the optimal utilization of resources. Through robust financial planning and monitoring mechanisms, the institution ensures that resources are allocated efficiently and aligned with strategic priorities. Regular reviews and assessments of resource utilization help identify areas for improvement and realignment, promoting a culture of fiscal responsibility and accountability across the institution.

By combining effective strategies for fund mobilization with prudent resource utilization practices, HiCET maximizes its capacity to deliver quality education, support research endeavors, and contribute to societal development. These efforts underscore HiCET's commitment to excellence and sustainability in higher education.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://hicet.ac.in/finance-committee

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)

Quality Improvement and Initiatives

The institution places a strong emphasis on quality improvement, facilitated by various strategies and bodies, particularly the Internal Quality Assurance Cell (IQAC). IQAC collaborates with statutory and non-statutory bodies to enhance teaching, learning, and overall processes. The Student Quality Assurance Cell (SQAC) actively contributes to holistic education by representing students in various bodies and associations.

Incremental Improvements during 2022-23:

NBA Accreditation : Four UG programs namely AERONAUTICAL ENGG, AUTOMOBILE ENGG, CIVIL ENGG, MECHATRONICS ENGG. submitted Pre-Qualifier under Tier I.

ISO Certification : Organized ISO Audit and renewal received upto 06.03.2026

Regulations : Introduced R2022 for all UG programs

AU CFR research department : Departments of Physics, Chemistry, Chemical Engineering and Civil Engineering are recognized as research centre.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.hicet.ac.in/igac

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

Hindusthan College of Engineering and Technology (HiCET) demonstrates a steadfast commitment to continuous improvement and quality enhancement in its teaching-learning processes through its Internal Quality Assurance Cell (IQAC). Adhering to established norms, HiCET conducts periodic reviews of its teaching-learning process, operational structures, methodologies, and learning outcomes.

Under the aegis of the IQAC, HiCET systematically evaluates the effectiveness of its teaching-learning practices, ensuring alignment with the institution's objectives and the evolving needs of stakeholders. This comprehensive review encompasses diverse aspects such as curriculum relevance, pedagogical innovations, assessment methods, and the integration of technology in education.

The periodic assessments conducted by the IQAC facilitate data-driven decision-making, enabling HiCET to identify strengths, address challenges, and implement targeted interventions to enhance the overall quality of education imparted. Furthermore, these reviews foster a culture of reflective practice among faculty members, encouraging continuous professional development and innovation in teaching methodologies.

By embracing a robust quality assurance mechanism facilitated by the IQAC, HiCET demonstrates its unwavering commitment to fostering excellence in education and ensuring the holistic development of its students. This systematic approach to review and improvement underscores HiCET's dedication to meeting and exceeding the highest

standards of educational excellence.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.hicet.ac.in/igac

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

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	https://www.hicet.ac.in/annual-report
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

During the academic year, Hindusthan College of Engineering and Technology (HiCET) has taken significant measures to promote gender equity within its campus. Various initiatives have been implemented to create an inclusive and supportive environment for all students, irrespective of gender.

Firstly, HiCET has organized awareness programs and workshops focused on gender sensitization and equality. These sessions aim to educate students, faculty, and staff about gender-related issues,

stereotypes, and biases, fostering a culture of respect and understanding.

Additionally, the institution has established support systems such as grievance redressal mechanisms and counseling services to address any instances of gender discrimination or harassment promptly. These measures ensure the safety and well-being of all members of the campus community.

Moreover, HiCET has actively encouraged female participation in academic and extracurricular activities, providing equal opportunities for learning and growth. Efforts have been made to recruit and retain female faculty members, promoting gender diversity among the teaching staff.

Furthermore, HiCET has implemented policies and infrastructure improvements to create a gender-friendly campus environment. This includes the provision of gender-neutral facilities, such as restrooms and accommodation, to accommodate the diverse needs of students.

Through these concerted efforts, HiCET is committed to fostering a culture of gender equity and inclusivity, empowering all individuals to thrive and succeed within the institution.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://hicet.ac.in/agar/AQAR-2022-23/C7/7-1-1/Events.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)

Hindusthan College of Engineering and Technology (HiCET) is committed to sustainable waste management practices, ensuring the efficient handling of both degradable and non-degradable waste within its campus.

For degradable waste, HiCET has implemented comprehensive waste segregation systems across its premises. The institution provides designated bins for organic waste disposal, facilitating the separation of biodegradable materials such as food scraps and garden waste. These segregated waste streams are then directed towards composting facilities, where organic matter is decomposed to produce nutrient-rich compost for landscaping and agricultural purposes.

In managing non-degradable waste, HiCET emphasizes recycling and proper disposal methods. The campus is equipped with recycling stations for materials like paper, plastic, glass, and metal, promoting resource recovery and waste minimization. Additionally, HiCET collaborates with authorized waste management agencies to ensure the safe and environmentally responsible disposal of hazardous and non-recyclable waste streams.

To further promote waste management awareness and education, HiCET conducts regular campaigns and workshops on waste reduction, recycling, and sustainability. These initiatives aim to cultivate a culture of environmental responsibility among students, faculty, and staff, encouraging everyone to contribute towards a cleaner and greener campus.

Through its integrated waste management facilities and educational efforts, HiCET demonstrates its commitment to environmental stewardship and sustainable development.

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

A. Any 4 or all of the above

well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus	
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: <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 	A. Any 4 or All of the above
File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File
7.1.6 - Quality audits on environment and energy undertaken by the institution	
7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following: <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 	A. Any 4 or all of the above

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

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

A. Any 4 or all of the above

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

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

Hindusthan College of Engineering and Technology (HiCET) is dedicated to fostering an inclusive and harmonious environment that celebrates diversity in all its forms. The institution recognizes the richness of cultural, regional, linguistic, communal, socio-economic, and other diversities within its student body and staff.

To promote tolerance and harmony, HiCET organizes various cultural

events, festivals, and awareness programs that showcase the diversity of traditions, languages, and customs represented within the campus community. These events provide opportunities for students and staff from different backgrounds to come together, share experiences, and appreciate each other's perspectives.

Moreover, HiCET implements inclusive policies and practices that ensure equal opportunities and access to education for all individuals, regardless of their socio-economic status, cultural background, or linguistic preferences. The institution offers scholarships, financial aid, and support services to students from marginalized communities, empowering them to pursue their academic aspirations.

Additionally, HiCET fosters a supportive and respectful learning environment through initiatives such as sensitivity training, diversity workshops, and dialogue sessions. These activities promote understanding, empathy, and acceptance among members of the campus community, contributing to a culture of mutual respect and cooperation.

Through these institutional efforts, HiCET endeavors to create a welcoming and inclusive campus where individuals from diverse backgrounds feel valued, respected, and empowered to thrive academically and personally.

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:

Hindusthan College of Engineering and Technology (HiCET) prioritizes the sensitization of its students and employees to their constitutional obligations, encompassing values, rights, duties, and responsibilities as citizens of India. Recognizing the crucial role of education in nurturing responsible citizenship, HiCET implements various initiatives to instill a deep understanding and appreciation of constitutional principles among its stakeholders.

Through structured academic programs, workshops, seminars, and guest lectures, HiCET provides opportunities for students and employees to

engage with topics related to constitutional obligations. These sessions delve into fundamental rights, directive principles, and the duties outlined in the Indian Constitution, fostering a sense of civic consciousness and social responsibility.

Moreover, HiCET incorporates discussions on ethical and moral values into its curriculum, encouraging critical reflection on issues of justice, equality, and democracy. By emphasizing the importance of upholding constitutional values in everyday life, the institution aims to cultivate ethical leaders and engaged citizens who contribute positively to society.

Furthermore, HiCET promotes active participation in democratic processes and community service activities, empowering individuals to exercise their rights while fulfilling their duties towards the nation. By integrating constitutional literacy into its educational framework, HiCET equips students and employees with the knowledge and skills necessary to become informed, ethical, and responsible citizens of India.

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

Hindusthan College of Engineering and Technology (HiCET) is committed to celebrating and commemorating national and international events, festivals, and commemorative days, fostering a sense of unity, pride, and cultural awareness among its students, faculty, and staff.

Throughout the academic year, HiCET organizes a diverse range of events and activities to mark significant occasions of national and international importance. These include observances such as Independence Day, Republic Day, Gandhi Jayanti, and International Women's Day, among others. These events serve as platforms for reflection, celebration, and reaffirmation of shared values and ideals.

In addition to national observances, HiCET also acknowledges and celebrates various international events and festivals to promote global awareness and understanding. These may include World Environment Day, International Day of Peace, World Health Day, and International Youth Day, among others. Through these initiatives, HiCET encourages students and staff to engage with global issues, cultures, and perspectives, fostering a spirit of internationalism and intercultural dialogue.

Moreover, HiCET recognizes the importance of cultural festivals in promoting diversity and inclusivity. The institution organizes events such as Diwali, Eid, Christmas, Pongal, and Onam, providing opportunities for students and staff from diverse cultural backgrounds to come together, share traditions, and celebrate unity in diversity.

Overall, HiCET's commemoration of national and international events

and festivals reflects its commitment to holistic education, cultural enrichment, and global citizenship. These initiatives contribute to the vibrant and inclusive campus culture, where individuals from all backgrounds feel valued, respected, and connected to the broader community.

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

7.2 - Best Practices

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

Best Practice 1:

Title : Patent Publications:

Objective: Patent publications are an essential aspect of intellectual property. When a patent application is filed, it goes through a process that eventually leads to either the grant of a patent or its refusal. During this process, the patent application is published, making the invention's details available to the public.

The Context: A patent is a statutory right for an invention granted for a limited period of time to the patentee by the Government, in exchange for full disclosure of the invention. Patent protection is territorial and is effective only within the territory of India. There is no concept of a global patent. In the academic context, many researchers prefer to publish their findings in research papers rather than filing for patents.

The Practice:

Patent: Grants exclusive rights to the inventor, allowing them to prevent others from making, using, or selling the invention.

Publication: Shares information about the invention but does not grant any rights. It allows others to learn from the invention and

build upon it.

Evidence of success: During the AY 2022-23, 290 patents are published by our students and faculty members.

Problems encountered and Resources Required:

Resources are assigned inconsistently: This can lead to inefficiencies and delays in project completion.

Resource utilization is not optimized: This can result in wasted resources or overworked team members.

Resources don't have the right skills: This can impact the quality of work and project outcomes

File Description	Documents
Best practices in the Institutional website	https://www.hicet.ac.in/igac#best-practices
Any other relevant information	https://hicet.ac.in/ipr-cell

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)

1. Industry-Academia Collaboration: HCET has collaborations with top industries to provide students with opportunities to gain practical knowledge and experience. The college has signed 120+ MoUs with many companies such as IBM, ICT Academy, NASSCOM, Infosys, Wipro, Royal Enfield, Ford, and Oracle, which help students to get internships, projects, and job opportunities.

2. Digital Learning Centre: HiCET provides the students the latest trends in Digital Learning to meet the updated global needs and through this, the students are largely benefitted. The core objective is to bring students under digital era and for this purpose the institution creates opportunities, awareness and motivates them towards self-learning practices.

3. Volvo Eicher and Royal Enfield Competency Development Centres: The main motto of Volvo Eicher Competency Development Centre is to

provide a well-organized training for students at par with Industry requirements and standards. It is one of the primitives in the state of Tamilnadu, second entire pan of India. This center has state-of-the-art facilities to teach the latest BS-VI emission technology, commercial CNG engines, and sensors that are used in the latest generation of heavy-duty vehicles.

4. Centre of Excellence in Drone Technology supported by Planet-X Aerospace:

Drones for Agricultural services, Photogrammetry, Survey and Mapping, Surveillance, etc are designed and developed from this centre. Also, about 100+ students are trained and certified in Drone Anatomy.

File Description	Documents
Appropriate link in the institutional website	https://hicet.ac.in/explore-more#competency-development-centres
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

Plan of Action for the AY 2023-24:

1.NAAC Accreditation: During Cycle 2, it is expected to get maximum score.

2.NBA Accreditation:: Expert Visit for Four UG programs (AERO, AUTO, CIVIL and MCT) under Tier I.

3. ISO Certification: Renewal of ISO 9001:2015 certification.

4. SIRO Recognition :Renewal of SIRO recognitions for the next three years.

5. AU Research Centre Renewal : To get Anna University Research Centre Recognition for the departments, Information Technology, Artificial Intelligence and Machine Learning, Mechatronics Engineering and Aeronautical Engineering.

6. Collaboration with Foreign Universities : To enter Memorandum of Understanding (MoU) with abroad Universities like Cyberjaya

University, Malaysia, Multimedia University, Malaysia etc

7. International Conference : To organize an international conference at Taylor's University Malaysia and organize IEEE Sponsored 2023 International Conference on Sustainable Computing and Smart Systems (ICSCSS)..

8. ApplyGrants : Apply grants from various Government organization like AICTE/DST/SERB/ICSSR/ISRO/TNSCST etc to conduct seminar/workshop/conference and execute research projects.

9. AICTE Schemes: Apply and get approval from AICTE to adopt various AICTE Schemes.

10. Alumni Chapter: Establish new Alumni Chapter