



YEARLY STATUS REPORT - 2021-2022

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,
• 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			02/01/2015		
7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?					

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
Hindusthan College of Engineering and Technology	Incubation	MSME	31/08/2015	Nil
Hindusthan College of Engineering and Technology	IDEA Lab	AICTE	17/09/2021	10000000
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

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 uploaded on the institutional website? 	Yes	

<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded
10. Did IQAC receive funding from any funding agency to support its activities during the year?	No
<ul style="list-style-type: none"> If yes, mention the amount 	
11. Significant contributions made by IQAC during the current year (maximum five bullets)	
NBA Compliance visit successfully completed for UG Program namely, ECE, EEE, MECH, IT, CSE	
Research Seed Money given to faculty members.	
AQAR 2020-21 submitted successfully.	
Value Added Courses conducted for all the students.	
Academic and Administrative Audit were undertaken	
ARIIA Ranking	
IPR Nodal centre	
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
NBA Compliance visit	Successfully completed for 5 UG Programs and the validity up to 30.06.2024
Research Seed Money	Disbursed to faculty members worth of Rs.8.97 Lakhs
Online Course	ICT Academy LEARNATHON 2021 National Winner
ARIIA Ranking	Band Performer in ARIIA Ranking 2021
Outreach Activity award	HICET NSS unit received
IPR Nodal Centre	Established IPR Nodal Centre by TNSCST
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>23/10/2021</td> </tr> </table>	Name of the statutory body	Date of meeting(s)	Governing Body	23/10/2021	
Name of the statutory body	Date of meeting(s)				
Governing Body	23/10/2021				
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>2021</td> <td>24/03/2022</td> </tr> </table>	Year	Date of Submission	2021	24/03/2022	
Year	Date of Submission				
2021	24/03/2022				
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>					

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 too 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, QUIZIZZ 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.Student2.1 **5310**

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2 **1337**

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3 **5291**

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.Academic3.1 **1482**

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2 **399**

Number of full-time teachers during the year:

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 5310

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2 1337

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3 5291

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 1482

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2 399

Number of full-time teachers during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File
3.3	399
Number of sanctioned posts for the year:	
4.Institution	
4.1	621
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	1927.18
Total expenditure, excluding salary, during the year (INR in Lakhs):	

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

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

The institute's curriculum is meticulously crafted to address societal needs, aligning with global standards such as UN's SDG, MoE, UGC, AICTE, NEP2020, Washington Accord, and Anna University guidelines. It prioritizes practical problem-solving, entrepreneurial skills, and contemporary learning methodologies over conventional approaches.

Regular updates are based on industry feedback, regulatory norms, input from premier institutions, and suggestions from various

academic bodies, fostering a dynamic educational environment. Course categories include Employability Enhancement, Skill Development, Mandatory, Extension, Co-curricular, Extracurricular, and Outreach activities, ensuring holistic development. The curriculum incorporates internships, projects, electives, self-learning, and value-added courses, enhancing students' industry readiness and research potential.

Additionally, collaborations with government-linked ICT Academy, industry-integrated programs with leading companies, and academic partnerships with foreign universities create diverse opportunities for students. Specialized centers, such as the Innovative Product Development Centre and AICTE IDEA Lab, encourage hands-on experience and entrepreneurial initiatives.

The introduction of programs like B.Tech AI & ML and B.E. Agricultural Engineering demonstrates the institution's adaptability to evolving technology and local needs. The curriculum's focus on Outcome-Based Education and the Choice-Based Credit System reflects a commitment to student-centric teaching and learning, preparing graduates to meet diverse 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/Add-info/Curriculum-Development-Process.pdf

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

16

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

962

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

962

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

16

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

HiCET prioritizes holistic student development through value-based courses integrated into the curriculum. The focus areas include Professional Ethics, Gender Equality, Human Values, and Environment & Sustainability Studies to instill moral values, social commitment, and professional responsibility. The curriculum addresses key issues such as environmental awareness, IPR knowledge, innovation ability, Indian Constitution, and human rights.

Compulsory courses like Environmental Studies, IPR, Indian Constitution, Research Methodology, and Human Rights are part of the curriculum, with multi-disciplinary offerings enriching students' knowledge during 2021-2022. Professional Ethics courses, including Indian Constitution, IPR, and Indian Traditional Knowledge, are integrated into UG, while PG curriculum covers Research Methodology and Indian Ethos.

Gender issues are tackled through elective courses on Human Rights, Women's Rights, and Gender Equity, addressing critical topics like harassment, domestic violence, and gender bias in the workplace. The Universal Human Value course, reaching 1200+UG students in during 2021-2022, emphasizes values, human rights, and gender equity.

The Environment and Sustainability Studies course equips UG students with knowledge and skills to address environmental challenges, with annual activities promoting responsibility and environmental protection. Women Empowerment programs, including Gender Equity and Women's Day celebrations, are actively conducted by the Women's Empowerment Committee. HiCET is committed to maintaining a ragging-free campus through the anti-ragging committee, fostering an environment of respect and values.

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

58

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

4564

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

4585

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

1660

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)

567

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 employs a comprehensive approach to assess and enhance students' learning abilities, starting with a Student Induction Program (SIP) and orientation in the first month. Continuous evaluation identifies slow learners (I Shall) and advanced learners (I Shine) based on various criteria.

"I Shall, I Shine" identifies students' performance through assessments, exams, interactions, and activities. "I Shall" aids slow learners with remedial courses conducted after hours, focusing on clarifying doubts and providing extra attention. Mentor-Mentee modules foster career development, connecting faculty and students for participation in extracurricular activities.

"I Shine" supports advanced learners with a fast-track stream, industry internships, project presentations, and coaching for higher studies and service commission exams. Co-curricular and extracurricular activities, club initiatives, and online courses further enrich students' experiences, motivating them to meet industry, educational, and social requirements.

The outcomes showcase improved pass percentages, increased participation in innovation contests and online programs, and enhanced placement rates over the years. 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/clubs

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
04/08/2021	5310	399

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 value-based holistic higher education through experiential learning, participative learning, and problem-solving techniques, employing the Choice Based Credit System

(CBCS) with Outcome Based Education (OBE).

Experiential Learning: Internships, mock interviews, panel discussions, and hands-on laboratory experiments bridge the gap between theory and practice. Industry collaborative programs, field/industry visits, and competency development centers offer on-the-job experiences. Clubs, centers, and cells create an engaging environment for skill development.

Participative Learning: Group activities, guided library hours, flipped classrooms, webinars, guest lectures, and self-study from online platforms foster participatory learning. Problem-solving methodologies include project-based learning, aptitude skill training, case study analysis, debugging, and IIC activities, encouraging strategic thinking.

Outcome: The institution's approach enhances students' communication, interpersonal skills, creativity, and problem-solving abilities. Various learning opportunities, exposure to real-world challenges, and collaborations with industry entities contribute to improved analytical thinking and increased participation in innovation contests and start-ups.

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 promotes effective teaching and learning through the widespread adoption of Information and Communication Technology (ICT). Faculty members utilize online materials, including SWAYAM-NPTEL, National Digital Library, N-LIST/INFLIBNET, ProQuest, Shodhganga, electronic books, and E-Journals. A digital library, equipped with resources like IEEE and DELNET Online Access, enhances access to e-learning materials.

To enhance efficiency, the institution employs a Learning Management System (LMS) and utilizes Swayam Prabha DTH for high-quality educational programs. Teachers create digital content, such as PPTs, videos, and animations, shared on platforms like

Google Classroom. ICT tools like projectors, smart boards, computers, and printers are widely available, while platforms like Webinar Jam, Zoom, and Google Meet facilitate online classes. MOOC platforms, digital library resources, electronic databases, online compilers, and virtual labs contribute to a technologically enriched learning environment.

The institution's comprehensive use of ICT tools, including A-view for faculty development and E-campus for student profiles, reflects its commitment to modern educational practices, making resources accessible from anywhere 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/files/ICT-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

383

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 emphasizes the importance of training students to meet tasks within set timelines as the first step towards improving teaching and learning quality. The academic calendar, disseminated through various channels, outlines class commencement, internal test assignments, and holidays. The Academic Process Schedule, created before each semester, meticulously plans and monitors academic activities, including timetable preparation, staff requirements, audits, and meetings.

The Academic Calendar, formulated by a committee comprising the

Principal, Dean, Controller of Examinations, and IQAC coordinator, encompasses comprehensive details about the institution's vision, programs, faculty, rules, examinations, financial support, and various committees. It also highlights working days, assessments, examinations, holidays, and events.

The faculty develops unit-wise teaching plans approved by HOD, ensuring effective course coverage. Adherence to the Academic Calendar is monitored by the Calendar Validation Committee, with deviations and recommendations submitted to the Principal for implementation in subsequent calendars.

Outcomes include the successful implementation of planned academic activities for the year 2021-2022, timely completion of End Semester Examinations, and proactive planning of events 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

399

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

120

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	No File Uploaded
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

8

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

21

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 adherence to curriculum structures and autonomy regulations. Evaluation is based on Continuous Internal Assessment (CIA) and End Semester Examinations (ESE). The Examination Committee, led by the Principal and the Controller of Examinations (COE), oversees these processes, aligning with UGC guidelines.

The integration of IT into the examination system enhances fairness, efficiency, reliability, and transparency. The OCOE is IT-integrated, facilitating paperless examination planning and execution. Course-wise data entry, exam application generation, online fee payment, and result compilation are streamlined through an integrated exam portal.

CIA includes two assessments and one mid-semester exam each semester, ensuring comprehensive evaluation of theory, practicals, seminars, projects, and viva-voce. The ESE system follows a single central evaluation for UG and PG programs, with a minimum passing requirement of 50%.

In response to the COVID-19 pandemic, online examinations were successfully conducted using the Examly online portal. The institution has embraced IT for various improvements, including online examination, automated internal mark calculation, online fee collection, result publication in student login, and online verification of qualification genuineness. The integration of technology has led to a more efficient and transparent evaluation process.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://hicet.ac.in/ssr/Criterion_II/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 maintains transparency in its educational approach through clearly defined Program Outcomes (POs), Program Specific Outcomes (PSOs), and Course Outcomes (COs) for all programs, accessible on the college website. COs, designed by committees and approved by the Board of Studies and Academic Council, align with the overarching vision and mission.

PSOs complement POs, emphasizing language, science, technology, and management proficiency for holistic socio-economic development. These outcomes, reflecting academic competency, social relevance, skill development, employability, and value-based education, contribute to societal growth.

Students, faculty, and stakeholders can easily access detailed POs, PSOs, and COs on the college website. COs, shared with students each semester, guide learning objectives. Faculty training ensures alignment with evolving concepts. The outcomes facilitate a clear understanding of objectives at each level, promoting student progression.

Dissemination methods include 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, ensuring comprehensive communication and understanding of educational objectives.

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/files/1-1-1-ACADEMIC-MANUAL.pdf

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

The institution upholds educational transparency with clearly defined Program Outcomes (POs), Program Specific Outcomes (PSOs), and Course Outcomes (COs) accessible on the college website. COs, crafted by committees and endorsed by the Board of Studies and Academic Council, align with the institution's overarching vision and mission.

PSOs complement POs, emphasizing language, science, technology, and management proficiency, fostering holistic socio-economic development. These outcomes, reflecting academic competency, social relevance, skill development, employability, and value-based education, contribute to societal growth.

Students, faculty, and stakeholders easily access detailed POs, PSOs, and COs on the college website. COs, shared with students each semester, guide learning objectives, and faculty training ensures alignment with evolving concepts. The outcomes facilitate a clear understanding of objectives at each level, promoting student progression.

Dissemination methods include 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, ensuring comprehensive communication and understanding of educational objectives.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://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

1294

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/ssr/Criterion II/2-6-3/2021-2022-AR-CoE.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/igac#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) is dedicated to fostering a robust research culture among faculty and students. The Research Committee, guided by the Research Promotion Policy, encourages innovative and industrially relevant research. The institution has established four recognized research centers, with 56 Ph.Ds awarded and 103 ongoing as of August 2022. Facilities include SIRO recognition, well-equipped research labs, an AICTE IDEA Lab, and an MSME-approved Hindusthan Product Development Centre.

HiCET collaborates with industry leaders like Volvo Eicher, Ford, IBM, and INTEL, hosting competency development centers and laboratories. The institution's commitment to research is evident in faculty achievements, including global recognition and affiliations, such as being named a Global Top 2% Scientist by

Stanford University. The Innovation and Incubation Council (IIC) achieved a 4-star rating in 2022. Faculty incentives have resulted in 799 research papers in UGC Care indexed journals and 446 patents. Consultancy projects generated surplus revenue, with 40% benefiting faculty members. The institution has trained students through partnerships with INTEL, Volvo Eicher, and LabVIEW, fostering innovation and entrepreneurship, with 16 awards from SAE activities.

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)

8.97

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

136

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)

102.53

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

3.2.2 - Number of teachers having research projects during the year

26

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://hicet.ac.in/ssr/Criterion III/3-2-2/3-2-2.pdf
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

18

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

15

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://hicet.ac.in/ssr/Criterion III/3-2-4/Add-info/3-2-4-Website.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 six 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 accreditation and MSME recognition enhance the institution's innovation ecosystem.

The College's commitment to research is evident in its well-equipped labs, AICTE-IDEA Lab, and various Centers of Excellence. The IPR Cell and EDC stimulate entrepreneurship, while the IIC engages students in entrepreneurial initiatives. The Research Centre oversees policy formulation and coordination across departments, offering four research programs.

HiCET's innovation ecosystem has yielded impressive outcomes, including 66 funded research projects, recognition in the ARIIA

rankings, and success in national competitions like IITB-AICTE Mapathon and TECHgium. The institution received a 4-star IIC rating in 2022, and its intellectual property achievements include 58 granted patents and 388 published patents. Furthermore, 27 entrepreneurs have launched startups, and the institution boasts 350 journal publications and 174 textbooks and book chapters during 2021-2022.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://hicet.ac.in/ssr/Criterion III/3-3-1/3-3-1-Pass-Addinfo.pdf

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

279

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

3.4 - Research Publications and Awards

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

A. All of the above

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

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

3.4.2.1 - Number of PhD students registered during the year

104

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

350

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

174

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://hicet.ac.in/ssr/Criterion_III/3-4-4/Add-info/2021-22.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

575

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

30

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)

47.72

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

112.69

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

Hindusthan College of Engineering and Technology (HiCET) actively engages in Institutional Social Responsibilities (ISR) through extension activities that form an effective teaching-learning method. These initiatives create a robust connection between the college and the community, fostering intellectual, mental, physical, social, and emotional development among students and the local population. Social issue sensitization is integral to the institution's vision, implemented through NSS, NCC, clubs, and various departments.

Under schemes like Unnat Bharat Abhiyan (UBA), HiCET adopts five

villages, conducting programs such as blood donation camps, tree plantations, and awareness campaigns. NSS, NCC, and other clubs actively participate in activities promoting health, hygiene, and social awareness. Notable awards, including recognition for the Rotaract Club's active status, the Bhumi Campus Award for an eco-friendly campus, and accolades for the Best NSS officer and volunteer, highlight the institution's impactful contributions to social development. Extension activities have transformed students into agents of social change, influencing positive outcomes in literacy, online usage, government scheme awareness, reduced drug abuse, and enhanced community hygiene and health. The institution has conducted 112 outreach programs with 6702 students and received 117 awards and recognitions during 2021-2022, further affirming its commitment to social responsibility and community welfare.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://hicet.ac.in/ssr/Criterion_III/3-6-1/Add-info/3-6-1-2.pdf

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

117

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

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

112

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**6702**

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****1434**

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)**109**

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 located on the Coimbatore-Pollachi highway, 15 km from Coimbatore Railway Station and 25 km from Coimbatore International Airport, spanning 30.14 acres. The campus comprises seven academic blocks, each equipped with elevators, 120 ventilated classrooms covering 11021 sq.m., featuring ICT facilities and LCD projectors. Additionally, there are halls for various administrative purposes, research and development labs, auditoriums, and centers for excellence, including an AICTE-IDEA Lab for innovation.

The institution provides separate hostels, modern equipment in 50 laboratories, and a library with 81577 volumes, 216 journals, and 10,727 e-journals. Physical infrastructure includes solar power generation, rainwater harvesting, and vehicle parking. The institution operates 12 buses for commuting within a 50 km radius.

For cultural and sports activities, HiCET boasts a 10-acre playground with a 200 m athletic track, indoor and outdoor sports facilities, and a well-equipped gymnasium. The Department of Physical Education organizes intra and inter-collegiate tournaments, fostering leadership and managerial skills. The institution features 31 clubs, yoga halls, and an auditorium for various events, including educational programs for school students. Overall, HiCET offers comprehensive facilities for academic, cultural, and sports pursuits.

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

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/sports

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)

1501.6

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

4.2 - Library as a Learning Resource

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

Established in 2000, the Hindusthan College of Engineering and Technology (HiCET) Library spans an area of 2020 sq.mt, accommodating 350 seats for students. The library boasts a substantial collection, featuring 81557 books, 216 journals, 29 magazines, 5041 thesis reports, 2773 back volumes, and 4192 compact discs. Security cameras ensure a safe environment, and a digital library facilitates widespread access to educational resources. HiCET subscribes to various online databases, including IEEE-ASPP, NDLI, N-LIST, ProQuest, and DELNET, offering a wealth of academic journals, magazines, and newspapers.

The integrated library management system (ILMS) was implemented in 2004, utilizing Lips iNet software, and upgraded in 2022. This fully automated system includes modules for E-Gate, OPAC (Online Public Access Catalog), Circulation, Acquisition Control, No Due Report, Transactions, Reports, Cataloguing, and Reservation Control. The library also features a digital section with 30 computers providing access to NPTEL video lectures, e-journals, e-books, projects, PDF notes, and PPTs. The resourceful library supports scholarly networks, academic identities, and the teaching-learning process through its comprehensive offerings.

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

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

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

56.92

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

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

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

1492

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

4.3 - IT Infrastructure

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

The institution's IT policy addresses standards for IT Service Management, Information Security, Network Security, Risk Management, and Software Management. The Computer Management Department (CMD) oversees the planning, procurement, installation, and configuration of IT equipment in labs and administrative sections. CMD administers OS, IP addresses, proxies, and e-Mail management. The campus boasts 1759 computers for academic use,

connected via fiber optic cables in a Local Area Network (LAN). A 1Gbps leased line provides internet connectivity, while Wi-Fi is accessible in staff rooms, classrooms, halls, hostels, and offices.

For cybersecurity, licensed software, firewalls, and an Intrusion Detection and Prevention system safeguard the wired and Wi-Fi networks. Access control is enforced through user or device authentication, and all computers are equipped with regularly updated licensed antivirus. Administrator passwords are protected, limiting user privileges. Necessary software, including MS Office, Autocad, and Solidworks, is installed according to curricular requirements. CMD manages software applications in administrative sections and communicates maintenance procedures to department heads for efficient troubleshooting. The college ensures a secure, updated, and well-managed IT infrastructure. The budget for IT infrastucture was 110.08 L for 2021-2022. 512 Mbps bandwidth internet was provided during 2021-2022.

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
5310	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. 50 Mbps

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

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

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

31.59

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

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

The institution has a robust system for maintaining physical, academic, and support facilities. Managed by technical and non-technical teams, the Campus Manager oversees maintenance activities with dedicated supervisors for Civil, Electrical, Housekeeping, Transport, Security, and Computers. Maintenance reviews are conducted biannually, and decisions are made collaboratively by the Principal and the Management. Adequate

funds are allocated annually for maintenance, infrastructure development, and equipment updates.

The general maintenance team ensures upkeep of the seven well-furnished blocks, classrooms, seminar halls, auditoriums, and amphitheater. Electrical maintenance ensures uninterrupted power supply, while the library committee manages library affairs, including systematic procurement based on departmental needs. Computer maintenance involves a Systems Administrator overseeing 26 computer centers, and department laboratory maintenance is 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 the proper functioning and maintenance of their respective facilities. The institution's commitment to accessibility includes a barrier-free campus for differently-abled individuals, and 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	View File
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

2481

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**1544**

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

7364

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

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating

A. All of the above

**awareness and implementation of policies
with zero tolerance Mechanism for
submission of online/offline students'
grievances Timely redressal of grievances
through appropriate committees**

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

5.2 - Student Progression

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

931

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

121

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

72

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

116

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 college boasts an active and engaged Student Council, comprising representatives from UG and PG programs, aimed at fostering students' knowledge and leadership skills. These representatives also serve on committees, providing valuable feedback on curriculum, syllabus, evaluation methods, and teaching approaches. The institution prioritizes holistic student development, enhancing skills, personality, and attitude crucial for employability and entrepreneurship. This is achieved through student involvement in academic bodies, sports, cultural events, and various committees.

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.

In addition to academic representation, students participate in administrative bodies like the Anti-Ragging Committee, Prevention of Sexual Harassment/Internal Compliance Committee, and Students Grievance Redressal Committee. They also contribute to sports events, entrepreneurship development, library activities, and various clubs like Rotaract, Fine Arts, WE&WCR, Programming/IOT/Data Analytics/AI&ML, Tamil Mandram, Energy, Yoga, NSS/NCC/YRC, Alumni Association, ELOC Club, Uyir Club, and professional forums.

The college encourages students to organize and celebrate national events, Teachers' and Women's Day, cultural programs, and participate in social and corporate environments through various committees. This involvement cultivates strong managerial and leadership skills, fostering qualities such as teamwork, decision-making, time management, and self-discipline among students.

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

101

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

5.4 - Alumni Engagement

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

The "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. With 16,746 members globally, including Bangalore, Chennai, and Kerala chapters, HICETAA aims to

create a vibrant forum for alumni interaction, networking, and supporting the alma mater in various ways.

The Alumni Association contributes to student development, with alumni participating in statutory and non-statutory bodies like the Board of Studies and Internal Quality Assurance Cell (IQAC). HICETAA programs facilitate career guidance, internship opportunities, and scholarships for economically disadvantaged students. Alumni actively engage in curriculum development, proposing updates in line with cutting-edge technologies such as Cloud Computing, Blockchain, IoT, Data Science, AI, Deep Learning, and Python Programming.

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

Hindusthan College of Engineering and Technology (HiCET) operates under the governance of the Hindusthan Educational and Charitable Trust, a non-profit organization. The institution emphasizes participatory, transparent, and decentralized governance, involving stakeholders at all levels. The administrative leadership comprises the CEO, Principal, and Dean, with their effective skills honed through programs like Leadership for

Academicians (LEAP) and Senior Management at IIM Kozhikode.

The Governing Body (GB) headed by the Managing Trustee, alongside the Academic Council, contributes to decision-making on budgeting, establishments, and research. The Curriculum Development Cell (CDC), under the Dean (Academics), focuses on periodic restructuring to equip students with multi-disciplinary skills. The Internal Quality Assurance Cell (IQAC) ensures academic quality through systematic planning.

Various committees, including the Student Quality Assurance Cell (SQAC), Finance Committee, and Planning and Evaluation Committee, create a participatory ecosystem. The institution's governance emphasizes curriculum enhancement aligned with Outcome-Based Education (OBE) and National Education Policy (NEP), effective teaching-learning methods, ICT-enabled learning systems, outreach programs, establishment of Centers of Excellence, and fostering employment and entrepreneurship skills. Overall, HiCET aims to promote social consciousness and nurture socially responsible future leaders.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://hicet.ac.in/ssr/Criterion_VI/6-1-1/6-1-1-Additional-Information-Representation-of-Teachers-in-various-Bodies.pdf

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

The institution's commitment to quality sustenance is evident through strategic plans effectively supported by management. The implementation of Centers of Excellence (COEs) and Industry-Partnered Centers reflects a decentralized and participative culture, providing learning opportunities and fostering entrepreneurial spirit.

Key COEs achievements include the Drone Technology COE producing 17 drone pilots, AICTE-IDEA Lab encouraging innovative ideas transformation, and the HONEYWELL COE offering hands-on training in advanced technologies. Industry-Partnered Centers like AWS Academy and IBM Software Lab enhance students' skills, with the Red Hat Academy certifying teachers and students as Red Hat

Certified System administrators.

This decentralization approach has led to remarkable outcomes during 2021-2022:

- Involvement of Teachers and Students in Innovation and Skilling
- Industrial Collaborations
- Industry support in Consultancy projects
- 350 Publications in Journals
- 388 Granted Patents
- 174 Books and Book Chapters
- 75% Placements on average
- Development of Leadership Qualities among Students

These achievements showcase the success of the institution's decentralized and participative management model through COEs and Industry-Partnered Centers.

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. An exemplar initiative is the Entrepreneurship and Innovation Development, implemented since 2017-2018.

The Entrepreneurship Development Cell (EDC) was established, introducing a one-credit course on Entrepreneurship and Innovation. Collaborating with Entrepreneurship Development Institute of India (EDII) and Ministry of Small and Medium Scale Enterprises (MSME), the institution obtained approval for an incubation center. In 2021-2022, AICTE IDEA Lab and an approved IPR center were established.

Outcomes of these initiatives include the establishment of 20 student-led start-ups, participation in national events like Toycathon and Hackathon, and recognition from the Chief Minister of Tamil Nadu for innovative ideas. The institution achieved a FOUR STAR rating in IIC activities and received Rs. 1 crore in funding from AICTE for the IDEA Lab. Additionally, 47 students have become entrepreneurs, 446 patents are filed, and the MSME-supported Business Incubation Centre secured 2 projects with funding of 26.5 L. These outcomes demonstrate the successful implementation of strategic plans, fostering entrepreneurship and innovation among students.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://www.hicet.ac.in/edc-club
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 institution operates under a well-structured organizational framework and governance model, aligning with its vision and mission. The Governing Body oversees planning and monitoring, focusing on financial, recruitment, and academic strategies. Various committees, involving stakeholders, make decisions at different levels, achieving an optimal degree of decentralization.

The Academic Council, with sole authority over course approval and academic regulations, collaborates with the Board of Studies, responsible for curriculum framing and examination pattern setting. The Finance Committee manages financial affairs, providing strategic planning and policy advice.

In the academic and administrative setup, the Principal, supported by Deans, CoE, Heads of Departments, IQAC coordinator, and administrative staff, oversees day-to-day operations. Nineteen non-statutory bodies contribute to overall planning and execution, reflecting the institution's commitment to decentralization.

The institution has 32 well-defined quality policies covering areas such as examinations, admissions, curriculum development, research promotion, e-content, gender equity, e-governance, and

human resources. These policies guide academic processes, ensuring continual progress.

Appointment and service rules are outlined in the Human Resource Policy, addressing recruitment, promotion, attendance, compensations, and other benefits. This comprehensive structure underscores the institution's commitment to effective governance, quality education, and stakeholder involvement.

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/ssr/Criterion VI/6-2-2/6-2-2-Additional-Document.pdf

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

A. All of the above

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

6.3 - Faculty Empowerment Strategies

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

The institution is dedicated to fostering the well-being and career development of its teaching and non-teaching staff through a comprehensive set of initiatives:

Avenues for Career Development: 1. Regular Faculty Development and Orientation Programmes. 2. Training for teaching, technical, and

non-teaching staff to enhance technical skills. 3. Professional Development Programmes for non-teaching staff. 4. Administrative staff training in office management, communication skills, and documentation. 5. Encouragement to apply for Research/Seminar/Conference funding from agencies. 6. Promotion of Industry-Institute Interaction.

Monetary Benefits: 1. Employee Provident Fund for teaching and non-teaching staff. 2. ESI Benefits for non-teaching staff. 3. Group Insurance facility for teaching and non-teaching staff. 4. Seed Money for faculty research activities. 5. Financial support for conference attendance, workshops, and patent filing. 6. Incentives for research paper publications, patents, book writing, and consultancy. 7. Salary advance for staff facing special constraints. 8. Admission and tuition fee concessions for teachers' and staff members' wards. 9. Medical Concession at Hindusthan Hospital, Coimbatore. 10. Sabbatical leave for exchange, collaborative programs, research, and teaching-learning practice. 11. Paid leave On Duty to avail fellowships funded by agencies. 12. Awards and recognition on Teacher's Day for performance enhancement. 13. Festival Advance for administrative and support staff. 14. Diwali Bonus for non-teaching staff.

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

227

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

81

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.)

307

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

The college has established robust internal and external audit procedures to ensure financial transparency and compliance.

Internal Audit: - Conducted bi-annually by qualified internal auditors from the trust. - In-depth verification of payments, receipts, journals, vouchers, cash book, and ledger accounts. - Verification of statutory obligations such as Provident Fund, Tax deducted at source, Income Tax, and Employee State Insurance Corporation. - Ensures accuracy and reliability of financial transactions, facilitating a smooth statutory final audit.

External Audit: - Conducted annually by qualified chartered accountants appointed by the college. - Audits financial statements, including income and expenditure, balance sheets, and

other relevant financial records. - Certifies audited statements to ensure compliance. - Separate books of accounts for all units and activities are subject to annual audit, with audit reports issued each financial year.

Audits of Grants/Scholarship/Hostels: - Grants received from bodies like UGC, DST audited as per government norms. - Utilization certificates submitted for received grants. - Both internal and external audits for boys' and girls' hostels and COE units. - SC/ST student scholarships are accounted for and audited. - Audited financial statements submitted to the Governing Body for approval. - Return of Income filed based on audited financial statements for every assessment year.

External Auditor: CA. Ravishankar from Rajan Sankar & Co. Chartered Accountants No.1, Sarojini Street, Ram Nagar, Coimbatore, Tamil Nadu, 641009 Mobile No.: 94437 77312 Email: ravishankar@nrsc.co.in

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)

4.3

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

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

The institution's resource mobilization policy serves as a strategic framework to diversify and expand its resource base, aligning with strategic plans and overall growth objectives. The policy facilitates efficient budget allocation by identifying and

analyzing available resources, ensuring timely and cost-effective acquisition.

Procedures: 1. The Finance & Accounts department and Finance Committee collaborate to prepare an annual budget estimate with input from all departments. 2. The Principal submits the master budget for approval by the Governing Body. 3. The Governing Body formulates the strategic plan for expenditures, approves budget proposals, discusses fund dispensation priorities, and sanctions funds based on resource requirements.

Resource Mobilization: The institution employs a robust mechanism to monitor and optimize fund mobilization from various sources: - Tuition and hostel fees (main source). - Funds from funding agencies (CSIR, AICTE, UGC, DBT, DST, TNSCST). - Consultancy income. - Interest income from fixed deposits. - Scholarships from the Government, management, and individuals. - Alumni contributions, donations, and endowments.

Utilization: Funds generated are primarily allocated for the development and maintenance of the college. Utilization focuses on need-based strategies, including: - Staff salaries and welfare. - Procurement of equipment and consumables. - Departmental activities (seminars, FDPs, workshops, conferences). - Seed money for research. - Various scholarships.

Funds are optimally used for research, training, seminars, and workshops. A qualified auditor certifies fund utilization, and any surplus is transferred to the college's capital fund. Certificates of utilization are submitted to funding organizations, ensuring transparency and accountability in financial management.

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 2021-2022:

1. Renewal of ISO Certification 2. NIRF Ranking Participation 3. Participation in National Rankings 4. Faculty Development Programs (FDPs) 5. Academic Audits 6. Research and Consultancy 7. Infrastructure Development 8. NAAC SSR preparation and accreditation results A++ Grade with 3.69 CGPA Competency Development Centers (CDC):

- Focus on emerging technologies like AI, IoT, renewable energy - Offering hands-on training and exposure to the latest technologies

Intellectual Property Rights (IPR) and Patents:

Establishment of IPR Center: - Initiation of Tamilnadu State Council for Science and Technology approved IPR center in 2021

Events and Achievements: - Conducted 3 events - Resulted in 446 patents filed by teachers and students - 58 patents granted, showcasing a strong commitment to innovation and intellectual property protection

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

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

Utilization of ICT in Teaching-Learning and Outcome-Based Education (OBE):

The institution places significant emphasis on the maximized use

of Information and Communication Technology (ICT) resources to enhance the teaching-learning process. Operating under autonomy status, the institution has adopted Outcome-Based Education (OBE) in the UG/PG curriculum design, focusing on the assessment and attainment of learning outcomes.

Teaching Methodology:

Traditional Methods and ICT Tools - Autonomous OBE Curriculum - Collaboration with CDC and Controller of Examinations - Periodic Reviews Value Added Courses (VAC):

- Design and Structure - Additional courses designed to exceed credit requirements for the degree - Open to all students without additional fees - Conducted during weekends/vacations

Duration and Assessment: - 30+ hours with a combination of theory and practical - Attendance and Assessment Record maintenance by course handling faculty - Minimum 75% attendance mandatory - Final assessment conducted by course coordinator

Certification and Monitoring: - Certification for students who pass the evaluation. - Monitoring by the Head of the Department and Dean of Academics.

Achievements: - Conducted a total of 58VACs Course Information Sheet (CIS):

- CIS Preparation -Faculty Adherence - Components - Sets Course Outcomes - Defines the delivery of the Teaching-Learning process. - Includes CO-PO mapping and evaluation processes. - Outlines the Course Outcomes to be achieved.

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

A. Any 4 or all of the above

**other quality audit recognized by state,
national or international agencies (such as
ISO Certification)**

File Description	Documents
Paste the web link of annual reports of the Institution	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

Gender Equity Programs and Facilities in the Institution:

Incorporation and Standardization of Gender Equity:

- Representation in Academic and Administrative Roles - Women hold equal representations in academic and administrative responsibilities, including HoDs (30%), teachers (43%), Curriculum Development Cell, Board of Studies Members, and various committees/clubs. - The Managing Trustee, a woman, governs the institution. Sensitization of Gender Equity: -Student Induction Programme - Gender-Based Activities - Course on Human Rights - Webinars and Workshops - International Women's Day - International Yoga Day Facilities for Women:

Women Empowerment: An exclusive Women Empowerment Cell offers personalized guidance and counseling by women faculty counselors, focusing on self-esteem, self-reliance, and social awareness.

Safety and Security: Discipline Committee members monitor students across the campus. Anti-ragging and women harassment helpline numbers displayed in all blocks. Restricted entry of vehicles and persons. "No Helmet, No Entry" policy in practice. Exclusive parking lots for girls. Assistance in applying for scholarships like SIMHI. Karate training for self-defense. Exclusive and

separate Gym facilities for girls.

Counseling: - Internal counseling by Mentors/Class Tutors/HoD - External counseling by Women Counselors through the Counseling cell ensuring confidentiality - Career Development cell extends Career counseling

Common Facilities: - Common rooms with sanitary napkin vending machine and incinerator facilities - Medical/Sick rooms with 24x7 ambulance facility

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://hicet.ac.in/ssr/Criterion VII/7-1-1/7-1-1.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)

Environmental Sustainability Initiatives in the Institution:

Solid Waste Management: - Avoiding Perishable Food Waste - Agreement with Velliangiri Piggery Farm to collect waste for use as pig feed - Zero Food Waste Day every Thursday in hostels

Paper Waste Management: - Paper waste collected and supplied to Rajam Enterprises for recycling - Reuse of used papers for making rough drafts

Waste Segregation: - Green and blue color-coded dustbins for segregating biodegradable and non-biodegradable waste. - Sanitary

pad incinerators in women's toilets for proper disposal

Liquid Waste Management: - Water Conservation - Water recycling plant to convert sewage water for garden use - Diluted liquid waste from chemical laboratories is properly disposed - Biogas plant in hostels converts liquid waste into biogas

Bio-Medical Waste: - No biomedical wastes generated in laboratories and premises

E-waste Management: - Periodic collection of e-wastes in various locations on campus - MoU with Green Era Recyclers for proper e-waste disposal and certification. **Waste Recycling System:** - Rainwater harvesting - Sub-standard treated water used for irrigation - Effluents used to produce biogas energy

Hazardous Chemicals and Radioactive Waste: - Restricted usage of hazardous chemicals and radioactive materials.

Awareness Programs/Practices: - Organizes awareness events, rallies, speeches, placard and banner distributions - Participation in Swachh Bharat Mission programs such as Swachhta Pakhwada, clean hospital campaign, and Puneet Sagar Abhiyan

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

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

File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

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

A. Any 4 or All of the above

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

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

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

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

A. Any 4 or all of the above

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

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

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

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).

Inclusive Environment Initiatives:

Student Induction Program (SIP): - Socializing - Interaction with new and senior students - Lectures by eminent people - Associating - Visits to university/college and important places on campus - Local area exploration - Governing with Rules, regulations, and

student support

Experiencing: - Subject lectures, study skills, physical activity, arts, and values. - Universal Human Values module as an essential 2-credit course.

Regional Approach: - Admits students from various states, promoting regional cooperation.

Linguistic Harmony: - Encouragement for foreign language learning (Japanese). - Improvement of English proficiency - Clubs like ELOC Club, Tamil Mandram, and Special Talents Club enhance linguistic abilities.

Promotion of Cultural Diversity: - Multi-cultural festivals organized, including Christmas, Deepavali, Ramzan, Holi, etc - NSS and NCC instill leadership, nationalism, patriotism, and cultural values - Celebration of various days such as Teacher's Day, Youth Day, Farmers Day, Women's Day, Unity Day, Yoga Day, and Handloom Day

Institutional Social Responsibilities: - Awareness programs for societal development - Training/awareness programs for underprivileged school children, orphanages, and old homes - Awareness and training camps on health and hygiene

The institution actively fosters a sense of community, equality, and inclusivity. It provides an environment where students from diverse backgrounds feel welcomed and supported, enabling them to excel in all aspects of life and become responsible citizens.

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:

Holistic Education and Constitutional Awareness:

Academic Courses: - Courses like "Rural Innovation project," "Social Immersion Project," and "Indian Ethos and Values" for MBA students, fostering awareness of constitutional values, rights,

duties, and responsibilities. Women Empowerment Cell: - Organizes academic, technical, medical, cultural, and social events for women's upliftment. Clubs and Activities: - Consumer Club: Creates knowledge about consumer protection. - Rotaract Club: Actively participates in civic, social, and cultural activities for societal and environmental welfare. - Fine Arts Club: Organizes programs to promote arts and culture, improving creativity and expression.

Awareness Programs and Activities: - Expert talks on constitutional obligations and universal human values. - COVID awareness programs for students, employees, and the public. - Rallies and pledges on anti-corruption, Swachh Bharat Abhiyan, and environmental awareness.

Celebration of National Days: - Social Responsibilities: NSS (National Service Scheme) Volunteers engage in activities like orphanage visits, awareness programs, health camps, and rural development. NCC (National Cadet Corps) instills discipline and patriotism through drills, parades, weapons training, and lectures. Annual camps held in remote locales for enhanced training. - Blood donation camps, temple cleaning, village adoption programs under Unnat Bharat Abhiyan, and various outreach activities. - Alumni invited for motivational talks instilling a sense of positivity and duty to give back to society.

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

National and International Celebrations:

National Days: 1. Republic Day (January 26th): Observance of the adoption of the Indian Constitution, promoting India as the world's greatest democratic nation. 2. Independence Day (August 15th): Parades and flag-raising ceremonies commemorate India's independence from British rule. 3. Gandhi Jayanti (October 2nd): Celebrating Mahatma Gandhi's philosophy with students and faculty participating in a pledge. 4. Jal Shakti Abhiyan (March 22nd): Raising awareness about water conservation with the theme catch the rain, where it falls, when it falls. 5. World Environmental Day (June 5th): Various eco-friendly programs like tree sapling, planting Banyan trees, and temple cleaning activities. 6. International Yoga Day (June 21st): Promoting awareness about the unity of mind and body through yoga practices. 7. Teachers' Day (September 5th): Honoring teachers on Dr. Radhakrishnan's birthday. 8. Swachh Bharat Abhiyaan (October 2nd): Observing Mahatma Gandhi's dream of a clean India. 9. Voters Day (January 25th): Raising awareness about the duties and rights of citizens.

Multi-Cultural Festival: - Pongal, Onam (Kalash), Annual Day (Hinspire): Grand celebrations of cultural diversity.

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:Self-Learning through ICT Academy: Learnathon

Being Hindusthan College of Engineering and Technology as member institution of ICT Academy, the students were motivated to learn 8 courses namely, Microsoft AI Fundamentals, Automation 360 RPA Essentials Student Prep, Cybersecurity Essentials, Business Analyst, Network Virtualization concepts, Image Processing Onramp, Process Mining Analyst and Basics of Managing Money with the Industry support.

The students of HiCET have completed 54489 certification which has titled 'National Winner'.

<https://www.ictacademy.in/learnathon2021/> Best Practice 2:AICTE IDEA Lab

AICTE has sanctioned AICTE-IDEA (Idea Development, Evaluation & Application) Lab in HiCET for encouraging students for application of Science, Technologies, Engineering and Mathematics (STEM) fundamentals towards enhanced hands-on experience and learning by doing. HiCET was one among 50 institutions identified by the AICTE and funded 1.0 Cr.

It make the engineering students more imaginative and creative, besides that, students can able to become familiar about the 21st century skills like critical thinking, problem solving, design thinking, collaboration, communication, lifelong learning etc. It has facilities to ideate and prototype the ideas for student projects, events like Toycathon, Supra, Baja, Go-Kart, Efficycle.

A total of 46 events were conducted. IDEA Lab facilitated 221

patents, 14 projects and 3 start-ups.

<https://idealnet.aicte-india.org/>

<https://hicet.ac.in/idea-lab>

File Description	Documents
Best practices in the Institutional website	https://hicet.ac.in/idea-lab
Any other relevant information	https://www.ictacademy.in/learnathon2021/

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)

IBM Software Lab

Hindusthan College of Engineering and Technology is the first Engineering College in Coimbatore region to have a tie-up with IBM to offer integrated courses through IBM Career Education in BE-CSE, BE-ECE, BTech-IT and BTech-AI&ML programs. IBM conducts student training program, guest lectures, seminars, and workshops. IBM software was established and inaugurated in the campus by Mr Rishikesh Patak, Technical Consultant, IBM India. This lab is focused on developing software solutions related to cloud computing, artificial intelligence, and cognitive computing. It plays a crucial role in IBM's cloud and AI initiatives. Tools like IBM Watson, IBM Mural, Jupyter notebook, Eclipse, IBM DB2 and JENKINS were installed. As a part of the MoU, many programs were organized in which 370 students got benefited. A total of 50 students and 2 faculty members have visited the IBM Bengaluru campus to grasp the latest industry practices.

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

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

The institute's curriculum is meticulously crafted to address societal needs, aligning with global standards such as UN's SDG, MoE, UGC, AICTE, NEP2020, Washington Accord, and Anna University guidelines. It prioritizes practical problem-solving, entrepreneurial skills, and contemporary learning methodologies over conventional approaches.

Regular updates are based on industry feedback, regulatory norms, input from premier institutions, and suggestions from various academic bodies, fostering a dynamic educational environment. Course categories include Employability Enhancement, Skill Development, Mandatory, Extension, Co-curricular, Extracurricular, and Outreach activities, ensuring holistic development. The curriculum incorporates internships, projects, electives, self-learning, and value-added courses, enhancing students' industry readiness and research potential.

Additionally, collaborations with government-linked ICT Academy, industry-integrated programs with leading companies, and academic partnerships with foreign universities create diverse opportunities for students. Specialized centers, such as the Innovative Product Development Centre and AICTE IDEA Lab, encourage hands-on experience and entrepreneurial initiatives.

The introduction of programs like B.Tech AI & ML and B.E. Agricultural Engineering demonstrates the institution's adaptability to evolving technology and local needs. The curriculum's focus on Outcome-Based Education and the Choice-Based Credit System reflects a commitment to student-centric teaching and learning, preparing graduates to meet diverse 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/Add-info/Curriculum-Development-Process.pdf

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

16

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

962

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**

962

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

16

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

HiCET prioritizes holistic student development through value-based courses integrated into the curriculum. The focus areas include Professional Ethics, Gender Equality, Human Values, and Environment & Sustainability Studies to instill moral values, social commitment, and professional responsibility. The curriculum addresses key issues such as environmental awareness, IPR knowledge, innovation ability, Indian Constitution, and human rights.

Compulsory courses like Environmental Studies, IPR, Indian Constitution, Research Methodology, and Human Rights are part of the curriculum, with multi-disciplinary offerings enriching students' knowledge during 2021-2022. Professional Ethics courses, including Indian Constitution, IPR, and Indian Traditional Knowledge, are integrated into UG, while PG curriculum covers Research Methodology and Indian Ethos.

Gender issues are tackled through elective courses on Human Rights, Women's Rights, and Gender Equity, addressing critical topics like harassment, domestic violence, and gender bias in

the workplace. The Universal Human Value course, reaching 1200+UG students in during 2021-2022, emphasizes values, human rights, and gender equity.

The Environment and Sustainability Studies course equips UG students with knowledge and skills to address environmental challenges, with annual activities promoting responsibility and environmental protection. Women Empowerment programs, including Gender Equity and Women's Day celebrations, are actively conducted by the Women's Empowerment Committee. HiCET is committed to maintaining a ragging-free campus through the anti-ragging committee, fostering an environment of respect and values.

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

58

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

4564

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**4585**

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**

1660

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)

567

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 employs a comprehensive approach to assess and enhance students' learning abilities, starting with a Student Induction Program (SIP) and orientation in the first month. Continuous evaluation identifies slow learners (I Shall) and advanced learners (I Shine) based on various criteria.

"I Shall, I Shine" identifies students' performance through assessments, exams, interactions, and activities. "I Shall" aids slow learners with remedial courses conducted after hours, focusing on clarifying doubts and providing extra attention. Mentor-Mentee modules foster career development, connecting faculty and students for participation in extracurricular activities.

"I Shine" supports advanced learners with a fast-track stream, industry internships, project presentations, and coaching for higher studies and service commission exams. Co-curricular and extracurricular activities, club initiatives, and online courses further enrich students' experiences, motivating them to meet industry, educational, and social requirements.

The outcomes showcase improved pass percentages, increased participation in innovation contests and online programs, and

enhanced placement rates over the years. 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/clubs

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
04/08/2021	5310	399

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 value-based holistic higher education through experiential learning, participative learning, and problem-solving techniques, employing the Choice Based Credit System (CBCS) with Outcome Based Education (OBE).

Experiential Learning: Internships, mock interviews, panel discussions, and hands-on laboratory experiments bridge the gap between theory and practice. Industry collaborative programs, field/industry visits, and competency development centers offer on-the-job experiences. Clubs, centers, and cells create an engaging environment for skill development.

Participative Learning: Group activities, guided library hours, flipped classrooms, webinars, guest lectures, and self-study from online platforms foster participatory learning. Problem-solving methodologies include project-based learning, aptitude skill training, case study analysis, debugging, and IIC activities, encouraging strategic thinking.

Outcome: The institution's approach enhances students'

communication, interpersonal skills, creativity, and problem-solving abilities. Various learning opportunities, exposure to real-world challenges, and collaborations with industry entities contribute to improved analytical thinking and increased participation in innovation contests and start-ups.

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 promotes effective teaching and learning through the widespread adoption of Information and Communication Technology (ICT). Faculty members utilize online materials, including SWAYAM-NPTEL, National Digital Library, N-LIST/INFLIBNET, ProQuest, Shodhganga, electronic books, and E-Journals. A digital library, equipped with resources like IEEE and DELNET Online Access, enhances access to e-learning materials.

To enhance efficiency, the institution employs a Learning Management System (LMS) and utilizes Swayam Prabha DTH for high-quality educational programs. Teachers create digital content, such as PPTs, videos, and animations, shared on platforms like Google Classroom. ICT tools like projectors, smart boards, computers, and printers are widely available, while platforms like Webinar Jam, Zoom, and Google Meet facilitate online classes. MOOC platforms, digital library resources, electronic databases, online compilers, and virtual labs contribute to a technologically enriched learning environment.

The institution's comprehensive use of ICT tools, including A-view for faculty development and E-campus for student profiles, reflects its commitment to modern educational practices, making resources accessible from anywhere 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/files/ICT-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

383

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 emphasizes the importance of training students to meet tasks within set timelines as the first step towards improving teaching and learning quality. The academic calendar, disseminated through various channels, outlines class commencement, internal test assignments, and holidays. The Academic Process Schedule, created before each semester, meticulously plans and monitors academic activities, including timetable preparation, staff requirements, audits, and meetings.

The Academic Calendar, formulated by a committee comprising the Principal, Dean, Controller of Examinations, and IQAC coordinator, encompasses comprehensive details about the institution's vision, programs, faculty, rules, examinations, financial support, and various committees. It also highlights working days, assessments, examinations, holidays, and events.

The faculty develops unit-wise teaching plans approved by HOD, ensuring effective course coverage. Adherence to the Academic Calendar is monitored by the Calendar Validation Committee, with deviations and recommendations submitted to the Principal

for implementation in subsequent calendars.

Outcomes include the successful implementation of planned academic activities for the year 2021-2022, timely completion of End Semester Examinations, and proactive planning of events 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

399

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

120

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	No File Uploaded
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

8

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

21

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 adherence to curriculum structures and autonomy regulations. Evaluation is based on Continuous Internal Assessment (CIA) and End Semester Examinations (ESE). The Examination Committee, led by the Principal and the Controller of Examinations (COE), oversees these processes, aligning with UGC guidelines.

The integration of IT into the examination system enhances fairness, efficiency, reliability, and transparency. The OCOE is IT-integrated, facilitating paperless examination planning and execution. Course-wise data entry, exam application generation, online fee payment, and result compilation are streamlined through an integrated exam portal.

CIA includes two assessments and one mid-semester exam each semester, ensuring comprehensive evaluation of theory, practicals, seminars, projects, and viva-voce. The ESE system follows a single central evaluation for UG and PG programs, with a minimum passing requirement of 50%.

In response to the COVID-19 pandemic, online examinations were successfully conducted using the Examly online portal. The institution has embraced IT for various improvements, including online examination, automated internal mark calculation, online fee collection, result publication in student login, and online verification of qualification genuineness. The integration of technology has led to a more efficient and transparent evaluation process.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://hicet.ac.in/ssr/Criterion_II/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 maintains transparency in its educational approach through clearly defined Program Outcomes (POs), Program Specific Outcomes (PSOs), and Course Outcomes (COs) for all programs, accessible on the college website. COs, designed by committees and approved by the Board of Studies and Academic Council, align with the overarching vision and mission.

PSOs complement POs, emphasizing language, science, technology, and management proficiency for holistic socio-economic development. These outcomes, reflecting academic competency, social relevance, skill development, employability, and value-based education, contribute to societal growth.

Students, faculty, and stakeholders can easily access detailed POs, PSOs, and COs on the college website. COs, shared with students each semester, guide learning objectives. Faculty training ensures alignment with evolving concepts. The outcomes facilitate a clear understanding of objectives at each level, promoting student progression.

Dissemination methods include 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, ensuring comprehensive communication and understanding of educational objectives.

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/files/1-1-1-ACADEMIC-MANUAL.pdf

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

The institution upholds educational transparency with clearly defined Program Outcomes (POs), Program Specific Outcomes (PSOs), and Course Outcomes (COs) accessible on the college website. COs, crafted by committees and endorsed by the Board of Studies and Academic Council, align with the institution's overarching vision and mission.

PSOs complement POs, emphasizing language, science, technology, and management proficiency, fostering holistic socio-economic development. These outcomes, reflecting academic competency, social relevance, skill development, employability, and value-based education, contribute to societal growth.

Students, faculty, and stakeholders easily access detailed POs, PSOs, and COs on the college website. COs, shared with students each semester, guide learning objectives, and faculty training ensures alignment with evolving concepts. The outcomes facilitate a clear understanding of objectives at each level, promoting student progression.

Dissemination methods include 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, ensuring comprehensive communication and understanding of educational objectives.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://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

1294

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/ssr/Criterion_II/2-6-3/2021-2022-AR-CoE.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/igac#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) is dedicated to fostering a robust research culture among faculty and students. The Research Committee, guided by the Research Promotion Policy, encourages innovative and industrially relevant research. The institution has established four recognized research centers, with 56 Ph.Ds awarded and 103 ongoing as of August 2022. Facilities include SIRO recognition, well-equipped research labs, an AICTE IDEA Lab, and an MSME-approved Hindusthan Product Development Centre.

HiCET collaborates with industry leaders like Volvo Eicher, Ford, IBM, and INTEL, hosting competency development centers and laboratories. The institution's commitment to research is evident in faculty achievements, including global recognition and affiliations, such as being named a Global Top 2% Scientist by Stanford University. The Innovation and Incubation Council (IIC) achieved a 4-star rating in 2022. Faculty incentives have resulted in 799 research papers in UGC Care indexed journals and 446 patents. Consultancy projects generated surplus revenue, with 40% benefiting faculty members. The institution has trained students through partnerships with INTEL, Volvo Eicher, and LabVIEW, fostering innovation and entrepreneurship, with 16 awards from SAE activities.

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)

8.97

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

136

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)

102.53

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

3.2.2 - Number of teachers having research projects during the year**26**

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://hicet.ac.in/ssr/Criterion III/3-2-2/3-2-2.pdf
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides**18**

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**15**

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://hicet.ac.in/ssr/Criterion III/3-2-4/Add-info/3-2-4-Website.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 six 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 accreditation and MSME recognition enhance the institution's innovation ecosystem.

The College's commitment to research is evident in its well-equipped labs, AICTE-IDEA Lab, and various Centers of Excellence. The IPR Cell and EDC stimulate entrepreneurship, while the IIC engages students in entrepreneurial initiatives. The Research Centre oversees policy formulation and coordination across departments, offering four research programs.

HiCET's innovation ecosystem has yielded impressive outcomes, including 66 funded research projects, recognition in the ARIIA rankings, and success in national competitions like IITB-AICTE Mapathon and TECHgium. The institution received a 4-star IIC rating in 2022, and its intellectual property achievements include 58 granted patents and 388 published patents. Furthermore, 27 entrepreneurs have launched startups, and the institution boasts 350 journal publications and 174 textbooks and book chapters during 2021-2022.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://hicet.ac.in/ssr/Criterion_III/3-3-1/3-3-1-Pass-Addinfo.pdf

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

279

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

3.4 - Research Publications and Awards

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

A. All of the above

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

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

3.4.2.1 - Number of PhD students registered during the year

104

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

350

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

174

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://hicet.ac.in/ssr/Criterion III/3-4-4/Add-info/2021-22.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

575

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

30

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)****47.72**

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**112.69**

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

Hindusthan College of Engineering and Technology (HiCET) actively engages in Institutional Social Responsibilities (ISR) through extension activities that form an effective teaching-learning method. These initiatives create a robust

connection between the college and the community, fostering intellectual, mental, physical, social, and emotional development among students and the local population. Social issue sensitization is integral to the institution's vision, implemented through NSS, NCC, clubs, and various departments.

Under schemes like Unnat Bharat Abhiyan (UBA), HiCET adopts five villages, conducting programs such as blood donation camps, tree plantations, and awareness campaigns. NSS, NCC, and other clubs actively participate in activities promoting health, hygiene, and social awareness. Notable awards, including recognition for the Rotaract Club's active status, the Bhumi Campus Award for an eco-friendly campus, and accolades for the Best NSS officer and volunteer, highlight the institution's impactful contributions to social development. Extension activities have transformed students into agents of social change, influencing positive outcomes in literacy, online usage, government scheme awareness, reduced drug abuse, and enhanced community hygiene and health. The institution has conducted 112 outreach programs with 6702 students and received 117 awards and recognitions during 2021-2022, further affirming its commitment to social responsibility and community welfare.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://hicet.ac.in/ssr/Criterion_III/3-6-1/Add-info/3-6-1-2.pdf

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

117

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

3.6.3 - Number of extension and outreach programmes conducted by the institution

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

112

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

6702

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

1434

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)

109

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 located on the Coimbatore-Pollachi highway, 15 km from Coimbatore Railway Station and 25 km from Coimbatore International Airport, spanning 30.14 acres. The campus comprises seven academic blocks, each equipped with elevators, 120 ventilated classrooms covering 11021 sq.m., featuring ICT facilities and LCD projectors. Additionally, there are halls for various administrative purposes, research and development labs, auditoriums, and centers for excellence, including an AICTE-IDEA Lab for innovation.

The institution provides separate hostels, modern equipment in 50 laboratories, and a library with 81577 volumes, 216 journals, and 10,727 e-journals. Physical infrastructure includes solar power generation, rainwater harvesting, and vehicle parking. The institution operates 12 buses for commuting within a 50 km radius.

For cultural and sports activities, HiCET boasts a 10-acre playground with a 200 m athletic track, indoor and outdoor sports facilities, and a well-equipped gymnasium. The Department of Physical Education organizes intra and inter-collegiate tournaments, fostering leadership and managerial skills. The institution features 31 clubs, yoga halls, and an auditorium for various events, including educational programs for school students. Overall, HiCET offers comprehensive facilities for academic, cultural, and sports pursuits.

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

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/sports

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)**1501.6**

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

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

Established in 2000, the Hindusthan College of Engineering and Technology (HiCET) Library spans an area of 2020 sq.mt, accommodating 350 seats for students. The library boasts a substantial collection, featuring 81557 books, 216 journals, 29 magazines, 5041 thesis reports, 2773 back volumes, and 4192 compact discs. Security cameras ensure a safe environment, and a digital library facilitates widespread access to educational resources. HiCET subscribes to various online databases, including IEEE-ASPP, NDLI, N-LIST, ProQuest, and DELNET, offering a wealth of academic journals, magazines, and newspapers.

The integrated library management system (ILMS) was implemented in 2004, utilizing Lips iNet software, and upgraded in 2022. This fully automated system includes modules for E-Gate, OPAC (Online Public Access Catalog), Circulation, Acquisition

Control, No Due Report, Transactions, Reports, Cataloguing, and Reservation Control. The library also features a digital section with 30 computers providing access to NPTEL video lectures, e-journals, e-books, projects, PDF notes, and PPTs. The resourceful library supports scholarly networks, academic identities, and the teaching-learning process through its comprehensive offerings.

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)

56.92

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

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

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

1492

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

4.3 - IT Infrastructure

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

The institution's IT policy addresses standards for IT Service Management, Information Security, Network Security, Risk Management, and Software Management. The Computer Management Department (CMD) oversees the planning, procurement, installation, and configuration of IT equipment in labs and administrative sections. CMD administers OS, IP addresses, proxies, and e-Mail management. The campus boasts 1759 computers for academic use, connected via fiber optic cables in a Local Area Network (LAN). A 1Gbps leased line provides internet connectivity, while Wi-Fi is accessible in staff rooms, classrooms, halls, hostels, and offices.

For cybersecurity, licensed software, firewalls, and an Intrusion Detection and Prevention system safeguard the wired and Wi-Fi networks. Access control is enforced through user or device authentication, and all computers are equipped with regularly updated licensed antivirus. Administrator passwords are protected, limiting user privileges. Necessary software, including MS Office, Autocad, and Solidworks, is installed according to curricular requirements. CMD manages software applications in administrative sections and communicates maintenance procedures to department heads for efficient troubleshooting. The college ensures a secure, updated, and well-managed IT infrastructure. The budget for IT infrastructure was 110.08 L for 2021-2022. 512 Mbps bandwidth internet was provided during 2021-2022.

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
5310	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. 750 Mbps**

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

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

File Description	Documents
Upload any additional information	View File
Paste link for additional information	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)****31.59**

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

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

The institution has a robust system for maintaining physical, academic, and support facilities. Managed by technical and non-technical teams, the Campus Manager oversees maintenance activities with dedicated supervisors for Civil, Electrical, Housekeeping, Transport, Security, and Computers. Maintenance reviews are conducted biannually, and decisions are made collaboratively by the Principal and the Management. Adequate funds are allocated annually for maintenance, infrastructure development, and equipment updates.

The general maintenance team ensures upkeep of the seven well-furnished blocks, classrooms, seminar halls, auditoriums, and amphitheater. Electrical maintenance ensures uninterrupted power supply, while the library committee manages library affairs, including systematic procurement based on departmental needs. Computer maintenance involves a Systems Administrator overseeing 26 computer centers, and department laboratory maintenance is 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 the proper functioning and maintenance of their respective facilities. The institution's commitment to accessibility includes a barrier-free campus for differently-abled individuals, and 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	View File
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

2481

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

1544

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

7364

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

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' 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****931**

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**121**

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****72**

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****116**

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 college boasts an active and engaged Student Council, comprising representatives from UG and PG programs, aimed at fostering students' knowledge and leadership skills. These representatives also serve on committees, providing valuable feedback on curriculum, syllabus, evaluation methods, and teaching approaches. The institution prioritizes holistic student development, enhancing skills, personality, and attitude crucial for employability and entrepreneurship. This is achieved through student involvement in academic bodies, sports, cultural events, and various committees.

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.

In addition to academic representation, students participate in administrative bodies like the Anti-Ragging Committee, Prevention of Sexual Harassment/Internal Compliance Committee, and Students Grievance Redressal Committee. They also contribute to sports events, entrepreneurship development, library activities, and various clubs like Rotaract, Fine Arts, WE&WCR, Programming/IOT/Data Analytics/AI&ML, Tamil Mandram, Energy, Yoga, NSS/NCC/YRC, Alumni Association, ELOC Club, Uyir Club, and professional forums.

The college encourages students to organize and celebrate national events, Teachers' and Women's Day, cultural programs, and participate in social and corporate environments through various committees. This involvement cultivates strong managerial and leadership skills, fostering qualities such as teamwork, decision-making, time management, and self-discipline among students.

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

101

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

5.4 - Alumni Engagement

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

The "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. With 16,746 members globally, including Bangalore, Chennai, and Kerala chapters, HICETAA aims to create a vibrant forum for alumni interaction, networking, and supporting the alma mater in various ways.

The Alumni Association contributes to student development, with alumni participating in statutory and non-statutory bodies like the Board of Studies and Internal Quality Assurance Cell (IQAC). HICETAA programs facilitate career guidance, internship opportunities, and scholarships for economically disadvantaged students. Alumni actively engage in curriculum development, proposing updates in line with cutting-edge technologies such as Cloud Computing, Blockchain, IoT, Data Science, AI, Deep Learning, and Python Programming.

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

Hindusthan College of Engineering and Technology (HiCET) operates under the governance of the Hindusthan Educational and Charitable Trust, a non-profit organization. The institution emphasizes participatory, transparent, and decentralized governance, involving stakeholders at all levels. The administrative leadership comprises the CEO, Principal, and Dean, with their effective skills honed through programs like Leadership for Academicians (LEAP) and Senior Management at IIM Kozhikode.

The Governing Body (GB) headed by the Managing Trustee, alongside the Academic Council, contributes to decision-making on budgeting, establishments, and research. The Curriculum Development Cell (CDC), under the Dean (Academics), focuses on periodic restructuring to equip students with multi-disciplinary skills. The Internal Quality Assurance Cell (IQAC) ensures academic quality through systematic planning.

Various committees, including the Student Quality Assurance Cell (SQAC), Finance Committee, and Planning and Evaluation Committee, create a participatory ecosystem. The institution's governance emphasizes curriculum enhancement aligned with Outcome-Based Education (OBE) and National Education Policy

(NEP), effective teaching-learning methods, ICT-enabled learning systems, outreach programs, establishment of Centers of Excellence, and fostering employment and entrepreneurship skills. Overall, HiCET aims to promote social consciousness and nurture socially responsible future leaders.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://hicet.ac.in/ssr/Criterion_VI/6-1-1/6-1-1-Additional-Information-Representation-of-Teachers-in-various-Bodies.pdf

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

The institution's commitment to quality sustenance is evident through strategic plans effectively supported by management. The implementation of Centers of Excellence (COEs) and Industry-Partnered Centers reflects a decentralized and participative culture, providing learning opportunities and fostering entrepreneurial spirit.

Key COEs achievements include the Drone Technology COE producing 17 drone pilots, AICTE-IDEA Lab encouraging innovative ideas transformation, and the HONEYWELL COE offering hands-on training in advanced technologies. Industry-Partnered Centers like AWS Academy and IBM Software Lab enhance students' skills, with the Red Hat Academy certifying teachers and students as Red Hat Certified System administrators.

This decentralization approach has led to remarkable outcomes during 2021-2022:

- Involvement of Teachers and Students in Innovation and Skilling
- Industrial Collaborations
- Industry support in Consultancy projects
- 350 Publications in Journals
- 388 Granted Patents
- 174 Books and Book Chapters
- 75% Placements on average
- Development of Leadership Qualities among Students

These achievements showcase the success of the institution's decentralized and participative management model through COEs and Industry-Partnered Centers.

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. An exemplar initiative is the Entrepreneurship and Innovation Development, implemented since 2017-2018.

The Entrepreneurship Development Cell (EDC) was established, introducing a one-credit course on Entrepreneurship and Innovation. Collaborating with Entrepreneurship Development Institute of India (EDII) and Ministry of Small and Medium Scale Enterprises (MSME), the institution obtained approval for an incubation center. In 2021-2022, AICTE IDEA Lab and an approved IPR center were established.

Outcomes of these initiatives include the establishment of 20 student-led start-ups, participation in national events like Toycathon and Hackathon, and recognition from the Chief Minister of Tamil Nadu for innovative ideas. The institution achieved a FOUR STAR rating in IIC activities and received Rs. 1 crore in funding from AICTE for the IDEA Lab. Additionally, 47 students have become entrepreneurs, 446 patents are filed, and the MSME-supported Business Incubation Centre secured 2 projects with funding of 26.5 L. These outcomes demonstrate the successful implementation of strategic plans, fostering entrepreneurship and innovation among students.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://www.hicet.ac.in/edc-club
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 institution operates under a well-structured organizational framework and governance model, aligning with its vision and mission. The Governing Body oversees planning and monitoring, focusing on financial, recruitment, and academic strategies. Various committees, involving stakeholders, make decisions at different levels, achieving an optimal degree of decentralization.

The Academic Council, with sole authority over course approval and academic regulations, collaborates with the Board of Studies, responsible for curriculum framing and examination pattern setting. The Finance Committee manages financial affairs, providing strategic planning and policy advice.

In the academic and administrative setup, the Principal, supported by Deans, CoE, Heads of Departments, IQAC coordinator, and administrative staff, oversees day-to-day operations. Nineteen non-statutory bodies contribute to overall planning and execution, reflecting the institution's commitment to decentralization.

The institution has 32 well-defined quality policies covering areas such as examinations, admissions, curriculum development, research promotion, e-content, gender equity, e-governance, and human resources. These policies guide academic processes, ensuring continual progress.

Appointment and service rules are outlined in the Human Resource Policy, addressing recruitment, promotion, attendance, compensations, and other benefits. This comprehensive structure underscores the institution's commitment to effective governance, quality education, and stakeholder involvement.

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/ssr/Criterion VI/6-2-2/6-2-2-Additional-Document.pdf

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

A. All of the above

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

6.3 - Faculty Empowerment Strategies

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

The institution is dedicated to fostering the well-being and career development of its teaching and non-teaching staff through a comprehensive set of initiatives:

Avenues for Career Development: 1. Regular Faculty Development and Orientation Programmes. 2. Training for teaching, technical, and non-teaching staff to enhance technical skills. 3. Professional Development Programmes for non-teaching staff. 4. Administrative staff training in office management, communication skills, and documentation. 5. Encouragement to apply for Research/Seminar/Conference funding from agencies. 6. Promotion of Industry-Institute Interaction.

Monetary Benefits: 1. Employee Provident Fund for teaching and

non-teaching staff. 2. ESI Benefits for non-teaching staff. 3. Group Insurance facility for teaching and non-teaching staff. 4. Seed Money for faculty research activities. 5. Financial support for conference attendance, workshops, and patent filing. 6. Incentives for research paper publications, patents, book writing, and consultancy. 7. Salary advance for staff facing special constraints. 8. Admission and tuition fee concessions for teachers' and staff members' wards. 9. Medical Concession at Hindusthan Hospital, Coimbatore. 10. Sabbatical leave for exchange, collaborative programs, research, and teaching-learning practice. 11. Paid leave On Duty to avail fellowships funded by agencies. 12. Awards and recognition on Teacher's Day for performance enhancement. 13. Festival Advance for administrative and support staff. 14. Diwali Bonus for non-teaching staff.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://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

227

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

81

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.)

307

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

The college has established robust internal and external audit procedures to ensure financial transparency and compliance.

Internal Audit: - Conducted bi-annually by qualified internal auditors from the trust. - In-depth verification of payments, receipts, journals, vouchers, cash book, and ledger accounts. - Verification of statutory obligations such as Provident Fund, Tax deducted at source, Income Tax, and Employee State Insurance Corporation. - Ensures accuracy and reliability of financial transactions, facilitating a smooth statutory final audit.

External Audit: - Conducted annually by qualified chartered accountants appointed by the college. - Audits financial statements, including income and expenditure, balance sheets, and other relevant financial records. - Certifies audited statements to ensure compliance. - Separate books of accounts for all units and activities are subject to annual audit, with

audit reports issued each financial year.

Audits of Grants/Scholarship/Hostels: - Grants received from bodies like UGC, DST audited as per government norms. - Utilization certificates submitted for received grants. - Both internal and external audits for boys' and girls' hostels and COE units. - SC/ST student scholarships are accounted for and audited. - Audited financial statements submitted to the Governing Body for approval. - Return of Income filed based on audited financial statements for every assessment year.

External Auditor: CA. Ravishankar from Rajan Sankar & Co. Chartered Accountants No.1, Sarojini Street, Ram Nagar, Coimbatore, Tamil Nadu, 641009 Mobile No.: 94437 77312 Email: ravishankar@nrsc.co.in

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)

4.3

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

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

The institution's resource mobilization policy serves as a strategic framework to diversify and expand its resource base, aligning with strategic plans and overall growth objectives. The policy facilitates efficient budget allocation by identifying and analyzing available resources, ensuring timely and cost-effective acquisition.

Procedures: 1. The Finance & Accounts department and Finance Committee collaborate to prepare an annual budget estimate with input from all departments. 2. The Principal submits the master budget for approval by the Governing Body. 3. The Governing Body formulates the strategic plan for expenditures, approves budget proposals, discusses fund dispensation priorities, and sanctions funds based on resource requirements.

Resource Mobilization: The institution employs a robust mechanism to monitor and optimize fund mobilization from various sources: - Tuition and hostel fees (main source). - Funds from funding agencies (CSIR, AICTE, UGC, DBT, DST, TNSCST). - Consultancy income. - Interest income from fixed deposits. - Scholarships from the Government, management, and individuals. - Alumni contributions, donations, and endowments.

Utilization: Funds generated are primarily allocated for the development and maintenance of the college. Utilization focuses on need-based strategies, including: - Staff salaries and welfare. - Procurement of equipment and consumables. - Departmental activities (seminars, FDPs, workshops, conferences). - Seed money for research. - Various scholarships.

Funds are optimally used for research, training, seminars, and workshops. A qualified auditor certifies fund utilization, and any surplus is transferred to the college's capital fund. Certificates of utilization are submitted to funding organizations, ensuring transparency and accountability in financial management.

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 2021-2022:

1. Renewal of ISO Certification 2. NIRF Ranking Participation
3. Participation in National Rankings 4. Faculty Development Programs (FDPs) 5. Academic Audits 6. Research and Consultancy
7. Infrastructure Development 8. NAAC SSR preparation and accreditation results A++ Grade with 3.69 CGPA Competency Development Centers (CDC):

- Focus on emerging technologies like AI, IoT, renewable energy
- Offering hands-on training and exposure to the latest technologies

Intellectual Property Rights (IPR) and Patents:

Establishment of IPR Center: - Initiation of Tamilnadu State Council for Science and Technology approved IPR center in 2021

Events and Achievements: - Conducted 3 events - Resulted in 446 patents filed by teachers and students - 58 patents granted, showcasing a strong commitment to innovation and intellectual property protection

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

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

Utilization of ICT in Teaching-Learning and Outcome-Based Education (OBE):

The institution places significant emphasis on the maximized

use of Information and Communication Technology (ICT) resources to enhance the teaching-learning process. Operating under autonomy status, the institution has adopted Outcome-Based Education (OBE) in the UG/PG curriculum design, focusing on the assessment and attainment of learning outcomes.

Teaching Methodology:

Traditional Methods and ICT Tools - Autonomous OBE Curriculum - Collaboration with CDC and Controller of Examinations - Periodic Reviews Value Added Courses (VAC):

- Design and Structure - Additional courses designed to exceed credit requirements for the degree - Open to all students without additional fees - Conducted during weekends/vacations

Duration and Assessment: - 30+ hours with a combination of theory and practical - Attendance and Assessment Record maintenance by course handling faculty - Minimum 75% attendance mandatory - Final assessment conducted by course coordinator

Certification and Monitoring: - Certification for students who pass the evaluation. - Monitoring by the Head of the Department and Dean of Academics.

Achievements: - Conducted a total of 58VACs Course Information Sheet (CIS):

- CIS Preparation -Faculty Adherence - Components - Sets Course Outcomes - Defines the delivery of the Teaching-Learning process. - Includes CO-PO mapping and evaluation processes. - Outlines the Course Outcomes to be achieved.

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

A. Any 4 or all of the above

other quality audit recognized by state, national or international agencies (such as ISO Certification)

File Description	Documents
Paste the web link of annual reports of the Institution	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

Gender Equity Programs and Facilities in the Institution:

Incorporation and Standardization of Gender Equity:

- Representation in Academic and Administrative Roles - Women hold equal representations in academic and administrative responsibilities, including HoDs (30%), teachers (43%), Curriculum Development Cell, Board of Studies Members, and various committees/clubs. - The Managing Trustee, a woman, governs the institution. Sensitization of Gender Equity: -Student Induction Programme - Gender-Based Activities - Course on Human Rights - Webinars and Workshops - International Women's Day - International Yoga Day Facilities for Women:

Women Empowerment: An exclusive Women Empowerment Cell offers personalized guidance and counseling by women faculty counselors, focusing on self-esteem, self-reliance, and social awareness.

Safety and Security: Discipline Committee members monitor students across the campus. Anti-ragging and women harassment helpline numbers displayed in all blocks. Restricted entry of vehicles and persons. "No Helmet, No Entry" policy in practice. Exclusive parking lots for girls. Assistance in applying for

scholarships like SIMHI. Karate training for self-defense.
Exclusive and separate Gym facilities for girls.

Counseling: - Internal counseling by Mentors/Class Tutors/HoD -
External counseling by Women Counselors through the Counseling
cell ensuring confidentiality - Career Development cell extends
Career counseling

Common Facilities: - Common rooms with sanitary napkin vending
machine and incinerator facilities - Medical/Sick rooms with
24x7 ambulance facility

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://hicet.ac.in/ssr/Criterion VII/7-1-1/7-1-1.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)

Environmental Sustainability Initiatives in the Institution:

Solid Waste Management: - Avoiding Perishable Food Waste -
Agreement with Velliangiri Piggery Farm to collect waste for
use as pig feed - Zero Food Waste Day every Thursday in hostels

Paper Waste Management: - Paper waste collected and supplied to
Rajam Enterprises for recycling - Reuse of used papers for
making rough drafts

Waste Segregation: - Green and blue color-coded dustbins for

segregating biodegradable and non-biodegradable waste. -
Sanitary pad incinerators in women's toilets for proper disposal

Liquid Waste Management: - Water Conservation - Water recycling plant to convert sewage water for garden use - Diluted liquid waste from chemical laboratories is properly disposed - Biogas plant in hostels converts liquid waste into biogas

Bio-Medical Waste: - No biomedical wastes generated in laboratories and premises

E-waste Management: - Periodic collection of e-wastes in various locations on campus - MoU with Green Era Recyclers for proper e-waste disposal and certification. Waste Recycling System: - Rainwater harvesting - Sub-standard treated water used for irrigation - Effluents used to produce biogas energy

Hazardous Chemicals and Radioactive Waste: - Restricted usage of hazardous chemicals and radioactive materials.

Awareness Programs/Practices: - Organizes awareness events, rallies, speeches, placard and banner distributions - Participation in Swachh Bharat Mission programs such as Swachhta Pakhwada, clean hospital campaign, and Puneet Sagar Abhiyan

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

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

A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

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

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:

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).

Inclusive Environment Initiatives:

Student Induction Program (SIP): - Socializing - Interaction with new and senior students - Lectures by eminent people -

Associating - Visits to university/college and important places on campus - Local area exploration - Governing with Rules, regulations, and student support

Experiencing: - Subject lectures, study skills, physical activity, arts, and values. - Universal Human Values module as an essential 2-credit course.

Regional Approach: - Admits students from various states, promoting regional cooperation.

Linguistic Harmony: - Encouragement for foreign language learning (Japanese). - Improvement of English proficiency - Clubs like ELOC Club, Tamil Mandram, and Special Talents Club enhance linguistic abilities.

Promotion of Cultural Diversity: - Multi-cultural festivals organized, including Christmas, Deepavali, Ramzan, Holi, etc - NSS and NCC instill leadership, nationalism, patriotism, and cultural values - Celebration of various days such as Teacher's Day, Youth Day, Farmers Day, Women's Day, Unity Day, Yoga Day, and Handloom Day

Institutional Social Responsibilities: - Awareness programs for societal development - Training/awareness programs for underprivileged school children, orphanages, and old homes - Awareness and training camps on health and hygiene

The institution actively fosters a sense of community, equality, and inclusivity. It provides an environment where students from diverse backgrounds feel welcomed and supported, enabling them to excel in all aspects of life and become responsible citizens.

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:

Holistic Education and Constitutional Awareness:

Academic Courses: - Courses like "Rural Innovation project," "Social Immersion Project," and "Indian Ethos and Values" for MBA students, fostering awareness of constitutional values, rights, duties, and responsibilities. **Women Empowerment Cell:** - Organizes academic, technical, medical, cultural, and social events for women's upliftment. **Clubs and Activities:** - **Consumer Club:** Creates knowledge about consumer protection. - **Rotaract Club:** Actively participates in civic, social, and cultural activities for societal and environmental welfare. - **Fine Arts Club:** Organizes programs to promote arts and culture, improving creativity and expression.

Awareness Programs and Activities: - Expert talks on constitutional obligations and universal human values. - COVID awareness programs for students, employees, and the public. - Rallies and pledges on anti-corruption, Swachh Bharat Abhiyan, and environmental awareness.

Celebration of National Days: - **Social Responsibilities:** NSS (National Service Scheme) Volunteers engage in activities like orphanage visits, awareness programs, health camps, and rural development. NCC (National Cadet Corps) instills discipline and patriotism through drills, parades, weapons training, and lectures. Annual camps held in remote locales for enhanced training. - Blood donation camps, temple cleaning, village adoption programs under Unnat Bharat Abhiyan, and various outreach activities. - Alumni invited for motivational talks instilling a sense of positivity and duty to give back to society.

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

A. All of the above

professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized

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

National and International Celebrations:

National Days: 1. Republic Day (January 26th): Observance of the adoption of the Indian Constitution, promoting India as the world's greatest democratic nation. 2. Independence Day (August 15th): Parades and flag-raising ceremonies commemorate India's independence from British rule. 3. Gandhi Jayanti (October 2nd): Celebrating Mahatma Gandhi's philosophy with students and faculty participating in a pledge. 4. Jal Shakti Abhiyan (March 22nd): Raising awareness about water conservation with the theme catch the rain, where it falls, when it falls. 5. World Environmental Day (June 5th): Various eco-friendly programs like tree sapling, planting Banyan trees, and temple cleaning activities. 6. International Yoga Day (June 21st): Promoting awareness about the unity of mind and body through yoga practices. 7. Teachers' Day (September 5th): Honoring teachers on Dr. Radhakrishnan's birthday. 8. Swachh Bharat Abhiyaan (October 2nd): Observing Mahatma Gandhi's dream of a clean India. 9. Voters Day (January 25th): Raising awareness about the duties and rights of citizens.

Multi-Cultural Festival: - Pongal, Onam (Kalash), Annual Day (Hinspire): Grand celebrations of cultural diversity.

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:Self-Learning through ICT Academy: Learnathon

Being Hindusthan College of Engineering and Technology as member institution of ICT Academy, the students were motivated to learn 8 courses namely, Microsoft AI Fundamentals, Automation 360 RPA Essentials Student Prep, Cybersecurity Essentials, Business Analyst, Network Virtualization concepts, Image Processing Onramp, Process Mining Analyst and Basics of Managing Money with the Industry support.

The students of HiCET have completed 54489 certification which has titled 'National Winner'.

<https://www.ictacademy.in/learnathon2021/> Best Practice 2:AICTE IDEA Lab

AICTE has sanctioned AICTE-IDEA (Idea Development, Evaluation & Application) Lab in HiCET for encouraging students for application of Science, Technologies, Engineering and Mathematics (STEM) fundamentals towards enhanced hands-on experience and learning by doing. HiCET was one among 50 institutions identified by the AICTE and funded 1.0 Cr.

It make the engineering students more imaginative and creative, besides that, students can able to become familiar about the 21st century skills like critical thinking, problem solving, design thinking, collaboration, communication, lifelong learning etc. It has facilities to ideate and prototype the ideas for student projects, events like Toycathon, Supra, Baja, Go-Kart, Efficycle.

A total of 46 events were conducted. IDEA Lab facilitated 221 patents, 14 projects and 3 start-ups.

<https://idealnet.aicte-india.org/>

<https://hicet.ac.in/idea-lab>

File Description	Documents
Best practices in the Institutional website	https://hicet.ac.in/idea-lab
Any other relevant information	https://www.ictacademy.in/learnathon2021/

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)

IBM Software Lab

Hindusthan College of Engineering and Technology is the first Engineering College in Coimbatore region to have a tie-up with IBM to offer integrated courses through IBM Career Education in BE-CSE, BE-ECE, BTech-IT and BTech-AI&ML programs. IBM conducts student training program, guest lectures, seminars, and workshops. IBM software was established and inaugurated in the campus by Mr Rishikesh Patak, Technical Consultant, IBM India. This lab is focused on developing software solutions related to cloud computing, artificial intelligence, and cognitive computing. It plays a crucial role in IBM's cloud and AI initiatives. Tools like IBM Watson, IBM Mural, Jupyter notebook, Eclipse, IBM DB2 and JENKINS were installed. As a part of the MoU, many programs were organized in which 370 students got benefited. A total of 50 students and 2 faculty members have visited the IBM Bengaluru campus to grasp the latest industry practices.

File Description	Documents
Appropriate link in the institutional website	https://hicet.ac.in/ibm-software-lab
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

Plan of Action for 2022-2023 1. Curriculum Revamping in

adopting NEP2020 2. Establishemnt of Centre of Excellence in Electric Vehicles 3. Apply for NBA Accreditation to BE-Automobile Engineering, BE-Aeronautical Engineering, BE-Civil Engineering andBE-Mechatronics Engineering 4. MoU with Foreign Univesities 5. Upgradation of Laboratories and Facilities