YEARLY STATUS REPORT - 2020-2021

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 K KARUNAKARAN
• Designation	Principal Incharge
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	9042763777
• Alternate phone No.	9042763777
• Mobile No. (Principal)	9042763777
• 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	Rural

• Financial Status	**Self-financing**
• 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/files/AQAR-2019-20.pdf
4.Was the Academic Calendar prepared for that year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	https://www.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**	**31/12/2021**

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	LITE	AICTE	20/08/2021	Nil
Hindusthan College of Engineering and Technology	SPICE	AICTE	05/02/2021	100000
Hindusthan College of Engineering and Technology	IPR Nodal Center	TNSCST	03/08/2021	20000
Hindusthan College of Engineering and Technology	IIC	MoE	17/12/2018	Nil
Hindusthan College of Engineering and Technology	ARIIA	MoE	29/12/2021	Nil
Hindusthan College of	UBA	MoE	30/04/2021	Nil

Engineering and Technology				
Hindusthan College of Engineering and Technology	PRERANA	AICTE	14/03/2019	587000
Hindusthan College of Engineering and Technology	SC ST Cell	AICTE	30/04/2021	1588533
Hindusthan College of Engineering and Technology	SIRO	DSIR DST	23/07/2021	Nil
Hindusthan College of Engineering and Technology	2f	UGC	25/04/2014	Nil
Hindusthan College of Engineering and Technology	12 B	UGC	04/03/2015	Nil

8.Provide details regarding the composition of the IQAC:

• 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
• Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?	Yes

• 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?	**Yes**
• If yes, mention the amount	**Rs.30,000**

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

NBA Accreditation for 5 Departments
IDEA Lab from AICTE
SIRO Recognition from DSIR, DST
New Regulations for PG Programmes
Introduced New Technology Course - Artificial Intelligence & Machine Learning
FOUR STAR status in Institution Innovation Council (IIC) of MHRD

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
IDEA Lab	**Established**
SIRO Recognition from DSIR, DST	**Approved**
Introducing New Technology Courses	**BTech - Artificial Intelligence & Machine Learning**
NBA Accreditation	**Approved**

13.Was the AQAR placed before the statutory body?	**Yes**
• Name of the statutory body	

Name of the statutory body	Date of meeting(s)
Governing Body	**23/10/2021**

14.Was the institutional data submitted to AISHE ?	Yes

- Year

Year	Date of Submission
01/07/2020	24/03/2022

15.Multidisciplinary / interdisciplinary

16.Academic bank of credits (ABC):

17.Skill development:

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

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

20.Distance education/online education:

Extended Profile

1.Programme

1.1   21

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.Student

2.1   4895

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2   **1136**

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3   **4885**

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   **1532**

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2   **398**

Number of full-time teachers during the year:

Extended Profile

1.Programme

1.1	**21**
Number of programmes offered during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1	**4895**
Total number of students during the year:	

File Description	Documents
Institutional data in Prescribed format	View File

2.2	**1136**
Number of outgoing / final year students during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3	**4885**
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	**1532**
Number of courses in all programmes during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2 Number of full-time teachers during the year:	398

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

3.3 Number of sanctioned posts for the year:	390

4.Institution

4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	978
4.2 Total number of Classrooms and Seminar halls	118
4.3 Total number of computers on campus for academic purposes	1759
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	1576.92

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.

Hindusthan College of Engineering and Technology (HiCET) provides high graded education bonded with excellent pedagogy to nurture and qualify students to confront global challenges with explication and to mould them as socially responsible citizens.

Curriculum has been mapped with the mission and vision of the institution and the department followed the standards set by the

MHRD / UGC / AICTE / Anna University, and suggestions offered by Governing Body, Academic council and Board of Studies (BoS).

Curriculum Development Cell (CDC) implements the course objectives, pre-requisites, COs, POs, PSOs, and assessment patterns on revised Blooms Taxonomy.

The designed scheme is to carry out research and development activities and the subjects that are relevant to industrial and socio- environmental spectrum are as follows:Local (72), Regional (67), National (110) and Global (150) out of 1532 courses. The scheme supports Industry Integrated course by incorporating IBM exclusively for B.E ECE, IT, CSE and AI&ML. B.E AI&ML and M.E Embedded Systems were the new programmes introduced during this academic year.

The students are motivated for multidisciplinary courses like life skill and online courses. Guidelines are provided in the form of OBE, CO-PO and academic manuals to execute the autonomous system effectively deliberated to the all stakeholders.

File Description	Documents
Upload additional information, if any	[View File](#)
Link for additional information	https://hicet.ac.in/files/1-1-1-ACADEMIC-MANUAL.pdf

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

20

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

75

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

242

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

21

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

Major and instantaneous changes in the society is made possible

only through education. Our curriculum incorporates 3 credit courses designed to create awareness and attitudinal changes in young minds such as Human rights, Women rights, Gender Equality, Indian Ethos and human values, Indian Constitution and Political System, Yoga for human excellence. These courses leave its effect on students' habitual practices. Courses like General Studies for Competitive Examination enable students to have a better competitive edge over others.

Women Rights and Gender Equality

These courses make students to realize the significance of the female gender and the need to treat them equally. Such courses instill that women are the backbone of a healthy community. Women Empowerment Cell periodically conducts various activities like Entrepreneurship opportunities for women, Physiotherapy and Mental Health, and various other activities away from the classroom environment.

Environmental Studies

The course on environmental studies is a 3-credit course and is common for all students across the branches. Environmental education equips learners with the knowledge, skills, and motivation to address complex environmental challenges. Environmental science and engineering enlighten the students on the way to conserve our environment in the face of rising human population development and anthropogenic behaviors that destroy natural resources and habitats. The main objective of this course is to inculcate a sense of responsibility among the learners in protecting our environment and its natural resources. It also emphasizes pollution control and addresses the social issues related to the human population and the environment.

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

21

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

1712

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

1607

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

1434

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)

1066

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 students are admitted to the college who come from a different medium, they initially hesitate to open up and interact with the faculties. As the classes start, the department takes an initiative to identify the slow learners. Students are identified as slow learners and advanced learners based on their performance in the first internal assessment test. Slow learners are groomed regularly in their class hours by asking them questions on the topic which has been discussed in the class and additional classes have been conducted. Question banks, simplified learning materials and assignments given to enhance their learning capabilities.

The advanced learners are given encouraged to take part in active items like quizzes, hackathons, innovative project contests, and presenting the papers in seminars and conferences. A fast track system has been successfully implemented for the students who have scored CGPA 8 and above. It is an ample avenue for advanced learners for internship and industrial projects. A friendly environment is created to improve the communication skills of advanced learners. The advanced learners are also motivated for higher studies and are encouraged to appear for various competitive examinations at the national level and international levels.

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

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
31/08/2021	4895	398

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 follows Outcome-Based Education (OBE) to develop thinking skills including synthesizing, analyzing, reasoning, application, and evaluation. Conventional teacher-centric learning is transformed to student-centric to develop critical thinking and problem-solving skills. Internships Workshops, Seminars are encouraged to enhance the student learning ability experimentally to help the students to gain hands-on experience and knowledge on industry operations. Learning through participation students are encouraged to associate with various club activities for building Teamwork, Self-confidence & leadership skills among the students. Hackthons alike events are popularized among the students to take part in real-time problem assessment and to apply their knowledge on open-end problems. NPTEL, Coursera, EDx, other MOOC courses platforms are promoted and necessary infrastructures are provided for the students to learn apart from classroom teaching and learn from Industry leading experts to boost their knowledge through self and independent learning. The digital Library in the institution provides easy access to the E-learning resources through N-List and NDL where students get educational materials of all disciplines. The institution provides a YouTube channel where all lectures videos are uploaded for the benefit of the student community.

File Description	Documents
Upload any additional information	[View File](#)
Link for additional Information	https://hicet.ac.in/clubs

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

ICT tools can be used to find, explore, analyze, exchange, and present information responsibly and without discrimination. Faculty Development Programmes are conducted to train the teachers about the importance and availability of different ICT tools to improve classroom teaching. Google Classroom is an online learning platform useful to both the teachers and the students. Teachers communicate with the students at any time and anywhere through this tool. Learning materials, video lessons, and other resources related to the course content are posted. Teachers use Kahoot, a game based classroom response system, to encourage students to

play a quiz on the course content. Students enjoy this as it is visual and time-bound. Teachers useTestmoz an interactive online tool, to conduct quizzes to have a quick check on students' understanding. The institution uses Google Forms to take surveys for assessment, feedback, reviews, and to collect details on any area. QUIZIZZ is used by the teachers to create interactive learning exercises which include multiple-choice questions, crosswords, cloze tests, and puzzles. Lectured videos are created by respective faculties for their concerned subject are uploaded to the institution's YouTube channel for the benefit of the student community.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://hicet.ac.in/iqac
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

302

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

Academic calendar

Academic calendar is prepared in way that it brings uniformity among all levels administration in the institutions. Academic calendars include all academic activities like internal test exams, Mid semester exams, End semester practical examinations and end semester examinations. The Principal, Deans, All Department Heads are involved in the preparation of academic calendar is to

have uniform calendar among all the departments. Approved Academic calendar to be circulated to all Departments and to be pasted in respective notice boards and uploaded in institution website for the reference of student community. Based on academic calendar respective departments are advised to conduct co-curricular activities like Industrial visit, seminars, workshops, symposiums, placement trainings and conferences.

Teaching plans

Teaching plans are prepared by faculty members to meet all objectives of the syllabus and curriculum. Course plans will be prepared based on blooms taxonomy and it includes the teaching aids, teaching methodology to give the information about conduction of course in the particular semester. Course plans are prepared to meet the course objectives, course outcomes and to programme outcomes and programme specific outcomes. In laboratory course plans, all experiments, activities of the laboratory and evaluation based on rubrics will be mentioned.

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

398

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

106

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

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

2270

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

10

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

0

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

Hindusthan College of Engineering and Technology has equipped with the following software which are used to oversee the exams and assessment-related activities namely E-CAMPUS, COXCO, EXAMLY for an effective implementation of Examination reforms. These platforms enable to facilitate Continuous Internal Assessment (CIA) system. A revised Blooms Taxonomy level with Higher Order Thinking standard ensures question paper quality. Student-centric portal E-CAMPUS management system brings efficiency and transparency to the EMS in handling theory and practical marks and attendance. COXCO internal portal maintained by the Controller of examinations ensures confidentiality and reliability for avoiding discrepancies related to internal/external marks, choosing of open electives. End Semester Examinations (ESE) automated through the software called EXAMLY initiated from 2020 - 2021. The platform supports the flexible and hassle-free online Examination conduct of both CIA and ESE during pandemic. It ensures error-free and reliable question papers, two-level scrutiny system (Both External/Internal). The other standards maintained includes 100 % external question paper setting and answer script valuations, Aadhaar enabled grade sheets with 13 security features, and so on. Finally, End Semester Results get published with minimum days from the last date of exam through college website (www.hicet.ac.in) once approved by the Result Passing Board.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://hicet.ac.in/files/Exam-Process-Manual-Final-Nov-2020.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

PO, CO are the defining and deciding factors leading the students community into knowledgeable and professional youth. The OBE model measures the progress of the graduate on these parameters PO and CO. Course Outcomes (CO) are the measurable parameters which evaluate each student performance for each course. Program Outcomes (PO) are the statements that describe what students are expected to know and able to do by the time of Graduation. The details of the PO and COs are displayed in the website act as a ready reckoner to all the stake holders- the students, the parents, the faculty and employers. Each department displays its Vision, Mission, POs and PSOs. The entire syllabus is framed on the Bloom's Taxonomy and hence every course offered has its CO definitely stated and displayed in the institution website. Each department discusses the CO on designing the syllabus in their BOS which consists of a subject expert, expert from the industry, an alumnus and a student. As an initiative of the IQAC, orientations, seminars and workshops are conducted on the designing of the curriculum. This paves way for the indefectible channeling of these outcomes to the stakeholders.

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

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

The institution, under its autonomy status has adopted the OBE in the UG/PG syllabus in which the prime importance is to the assessment and attainment of the learning outcome. Based on the COs drawn up, a teaching methodology evolving traditional methods, ICT tools, seminars, internships, projects and a host of other activities are being carried out. The CIA tests are conducted periodically. 25% weightage is allotted for internals, the components of which are assignments, seminars and the test marks are converted to 25% weightage. After the completion of 90 days, End-of-Semester Examinations are conducted on all courses. The COs are assessed from these assessment patterns. The result of CO attainment is used to evaluate the attainment of Programme

Outcome. The CO marks for each student scored against each CO would be tabulated and the different scores indicate the various attainment level. Each course in the syllabus is framed with adequate COs. Thereafter a CO/PO matrix is developed to map the outcome. High attainment level is marked with '3', Medium with '2" and Lowest with '1'. Level of relevance of the curriculum with the expected skill of the Industries are assessed from the feedback, CO/PO matrix, inputs from Alumni and Employers.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://hicet.ac.in/aqar/Criterion I/1-1-1/ Additional-Documents/1-1-1-OBE-Manual-R2016-R2019.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

1136

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/examinations

2.7 - Student Satisfaction Survey

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

https://www.hicet.ac.in/iqac

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

The institution is committed to promote research culture in the campus. Our commitment towards research yields long term technical impacts over interdisciplinary areas. The Research Committee is constituted to promote the innovative industry relevant research with high quality accuracy and marketing potentiality. To encourage and support faculty members to conduct research in all fields and disciplines of Engineering and Applied Science, Seed money aboutRs.6 L(Six LakhsOnly) is provided to conduct research projects within campus and all completed projects are earmarked for patent filing and grant by IP India. Centre for Excellences are established in the frontier areas of research like AI & ML, Embedded Systems, IoT and Robotics.

The faculty members are encouraged with incentives for their research activities. For Consultancy projects - 40% on the surplus revenue generated, Academic book editing/authoring and research publication in refereed journals, For successful completion of online courses in advanced domain areas Examination fee is reimbursed. Organizing funded seminars, conferences, workshops etc. - from 5% to 8% of receipt value is provided. Attending Seminars, Conferences, Workshops etc. outside Tamilnadu/India - On-duty leave with full registration fee Faculty members with Ph.D. Degree are motivated for supervisor recognition under Anna University.

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/files/Research-Policy.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)

6.00

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

20

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)

3.104

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

05

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	http://hicet.ac.in/aqar/Criterion_III/3-2-2/3-2-2-Details-of-teachers-having-research-projects.pdf
List of research projects during the year	[View File](#)

3.2.3 - Number of teachers recognised as research guides

28

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

05

File Description	Documents
Supporting document from Funding Agencies	[View File](#)
Paste link to funding agencies' website	http://hicet.ac.in/aqar/Criterion_III/3-2-4/3-2-4-Details-of-Departments-having-research-projects-funded-by-Government-and-or-Non-government-agencies.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.

HICET is well equipped with latest laboratories, IT Consumables

and Infrastructure facilities. The College offers 4 PhD Programs, 6 Center of Excellence and Incubation Centers for the promotion of innovation in Teaching and Research. HICET promotes research through well equipped research labs, center of excellence, guiding research scholars, facilitating project proposals, government funding programs, and collaborate with partner institutions in areas of mutual interest. Hindusthan Innovative Product Development Centre is approved by Ministry of Small and Medium Scale Enterprises to implement the scheme of "Entrepreneurial and Managerial Development of SMEs through Incubators". Institution is Equipped with the following Centre of Excellence with innovative objective on its own field of excellence. Royal Enfield Centre of Excellence, Eicher Motors Centre of Excellence: Regional Competency Development Centre of Excellence, Artificial Intelligence & Machine Learning Centre of Excellence, Centre of Excellence for Youth Empowerment, Entrepreneurship Centre of Excellence, IPR Cell . HICET offers 4 various Research Programs in Department of Mechanical, Electronics and Communication Engineering, Computer Science and Engineering and Electrical and Electronics Engineering. About 30 faculties are recognized Research Supervisors and 250+ Candidates are pursing PhD.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://hicet.ac.in/entrepreneurship-development-cell

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

65

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

17

File Description	Documents
URL to the research page on HEI website	https://hicet.ac.in/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

244

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

04-08-2022 03:32:11

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

64

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	[http://hicet.ac.in/aqar/Criterion III/3-4-4/3-4-4-Books-Conference-Published.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

636

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

13

File Description	Documents
Bibiliometrics 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)

30.86

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

28.11

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

With the unwavering backing of Management, the NSS and NCC units have conducted extension activities in the neighbourhood to raise awareness of social issues. It alsoheld a residential seven-day camp in a nearby adopted village for addressing some issues likecleanliness, tree planting, water conservation through the construction of Banda, Shramdan, social interaction, group discussion, superstition eradication, Beti Bacho Beti Padhao, environmental awareness, women empowerment, national integrity, aids awareness, blood donation, health checkup, veterinary guidance, so that Students get a grasp of rural wisdom.

Furthermore, theyparticipate actively in social awarenessEnvironmental Awareness, Personal Health and Hygiene, Road Safety, Tree Plantation, Soil and Water Testing, Plastic Eradication, No Vehicle Day, Jananisuraksha, Program on Female Foeticide, Organizing Visits to Orphanages and Anganwadis, Voters Awareness, Blood Group Detection, Health check-up camps, Blood donation camps, Dental check-up camps, and so on The NSS-HICET reinforced through all of these initiatives

Hindusthan College of Engineering and Technology's Rotaract club was founded in 2019 under the umbrella of the parent Rotary Club (RCC TOWN 3201). The club's major goal is to help others, promote integrity, and promote goodwill, peace, and understanding within the student fraternity. The institution focuses on developing leadership qualities and personal integrity.

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

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

10

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)

69

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

3724

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

156

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)

36

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching-learning, viz., classrooms, laboratories, computing equipments, etc.

The Institute is nested in a serene campus spreading 30.14 acres with diverse blocks of buildings, capacious classrooms, state-of-the-art laboratories, well stocked library, spacious seminar halls and vast auditoriums validating efficient transfer of information and knowledge. The Institute also has a dedicated space and department for corporate relations tending to the training and placement needs of the students.

Classrooms are provided with the latest ICT facilities, LCD projectors and smart boards enabling effective teaching and learning process. Laboratories are equipped with the latest calibrated instruments as per the curriculum requirements.

Computing facilities with high speed internet and LAN connections are available throughout the campus for seamless connectivity.

Seminar halls and auditoriums are equipped with befitting audio-visual facilities for organizing symposiums, seminars, workshops, faculty development programs, short term training programmes, co-curricular and extracurricular events.

Spacious and well furnished cabins are provided for faculty and non-teaching staff in their respective departments. An in-house reprographics store caters to the stationery supplies, printing and publishing needs of the students and faculty.

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 has spacious seminar halls, auditoriums and amphitheatres with sufficient seating capacity and audio-visual facilities for organizing extracurricular, cultural and club activities. Outdoor sports facilities for Football, cricket, basketball, volleyball, handball etc., and indoor facilities for badminton, table tennis, carom and chess, etc. are available within the campus. A fully air conditioned gymnasium is also

operational with independent timings for boys and girls.

File Description	Documents
Geotagged pictures	[View File]()
Upload any additional information	[View File]()
Paste link for additional information	[https://hicet.ac.in/campus-life]()

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

119

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)

637.15

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

4.2 - Library as a Learning Resource

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

The Library is fully automated with Dolphin Lips iNet 5.0 ILMS software since 2004. This software allows cataloguing through accession numbers, titles, and authors. The OPAC enables the librarians to catalog different genres of books and maintain its database online. It allows users to search books on parameters such as title, author's name, volume, and keywords.

The e-resources (Open Access & Subscribed) are accessible to all the library users and can be accessed from anywhere within the campus. The institution has subscribed to e-resource platforms such as NDLI, N-LIST, ProQuest and DELNET and is renewed on a yearly basis. These online resources provide access to thousands of journals, dissertations, publications, magazines and newspapers.

The institution has also installed the Swayam Prabha DTH to telecast high-quality educational programmes provided by NPTEL, IITs, UGC, CEC and IGNOU.

Faculty profiles and publication details are constantly updated in Vidwan, ORCID, Scopus, Google Scholar, Microsoft Academic database and are reviewed periodically. Digital copies of video lectures of Swayam, NPTEL etc. are available for learning and reference.

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)

26.89

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

270.33

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 has a robust IT policy that governs the standards on IT Service Management, Information Security, Network Security, Risk Management and Software Management. The institution has always upgraded its IT facilities to keep pace with evolving academic trends and incorporate all technological breakthroughs into its structural framework for day-to-day operations.

The Computer Maintenance Department (CMD) of the institution is in charge of the procurement, installation, configuration and maintenance of IT equipment in computer labs and administrative sections. CMD is also entrusted with the responsibility of running the institution's intranet & Internet services, Firewall security, Proxy, DHCP, DNS, email, web and application servers and managing the network of the institution. CMD also has the discretion to decide the type and version of OS, IP addresses allocation, proxies, e-mail relays and software application for the computers.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.hicet.ac.in/iqac

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
4895	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: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing

B. Any three 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)

821.46

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 campus holds well established standard systems and procedures for maintaining the physical, academic and support facilities. A well built team of multi-faceted maintenance and service personnel is available at disposal for both proactive and reactive operational requirements.

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

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

2721

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

193

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/campus-life
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

794

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

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

A. All of the above

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

794

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

60

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

14

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

8

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

Encouraging students' involvement in every sphere of activity within the college enables the students to develop leadership qualities resulting in their overall development.

Students are actively participated in various Academic and administrative committees to support the institution to maintain the higher level. The intra collegiate cultural festival called "HINSPIRE" fully organized and executed well by the set of students. Many kinds of social works, awareness programs, supporting village peoples near to the college and cleaning of schools etc., had been carried out by the students.

Students are also actively participated in pandemic to create awareness about wearing mask, Hand Washing importance and served food for needy peoples.

The students are included as members in the academic body, Board of Studies and their views and suggestions are taken into consideration while framing and revising the Syllabi.

Their involvement in the activities of the Department, in

organizing various co-curricular,

extracurricular events and Associations, increases their ability
to organize and lead thereby enriching their holistic development.

The students also involve in the various clubs and committees
actively functioning in the College.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://hicet.ac.in/campus-life

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

51

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

Alumni Association

The idea of an alumni association arose from the demands of both
academicians and professionals, with the goal of creating a
connect between college life and professional life, so that recent
graduates are prepared to confront the present problems of a
competitive professional world. Both ends of the spectrum must
work together to achieve the same goal. The concept became a
reality, and the Alumni Association was formed.

The Alumni Association of Hindusthan College of Engineering and
technology was formed on 02nd October 2016, named as "HINDUSTAN
COLLEGE OF ENGINEERING AND TECHNOLOGY ALUMNI ASSOCIATION"
(HICETAA) in the presence of Smt. Sarasuwathi Khannaiyann, Chief

Patron., Mr. R. Kumar Raj, President., Mr. Murali Chandrasekaran, Secretary., Mr. P. Vasantha Seelan, Vice President., Mr. C.A. Jagadeesh, Treasurer., Dr. Ananda Moorthy, Coordinator other faculty members and many enthusiastic former students of the college.

MISSION:

• To reunite in the nest where we hatched and fled.

• To create a link between college life and professional life

• To give fresh bachelors with work chances through professional recommendations.

• To provide students with orientation and training programmes on a variety of topics in order to improve their skills.

• To provide a venue for students to hone their skills.

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

E. <2 Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Vision

To become a premier institution by producing professionals with strong technical knowledge, innovative research skills, and high ethical values.

Mission

1. To provide academic excellence in technical education through novel teaching methods.
2. To empower students with creative skills and leadership qualities.
3. To produce dedicated professionals with social responsibility

Nature of Governance:

HICET aims to provide an excellent experience for everyone by providing value-based education and a serene ambiance to feel completeness in the teaching-learning process. The policies are made cautiously to ensure transparency and to provide equal importance for students, faculty members, and stakeholders in the decision-making process.

Perspective plan:

HICET believes that the foundation for its development strongly lies in

1. Effective & Creative teaching-learning methodologies
2. Research and Development
3. Self and lifelong learning
4. Creating entrepreneurs for the betterment of the society

Teachers in the decision making bodies

The teaching fraternity has the privilege of major decision making particularly in designing the academic course structure, general discipline, and maintaining the appropriate atmosphere for study and research. The faculty members are encouraged to update their subject knowledge constantly. Faculty members play a major part in the Academic Council, Standing Committee, Board of Studies, and Administration.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://hicet.ac.in/objectives

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

and participative management

Principal Level

The principal is the Head of the institution, Chairman of Academic Council, Ex-Officio Member Secretary of Governing Body and Chairman of Finance committee and IQAC. The principal nominates members for all statutory and non-statutory policies and incorporates the suggestions provided by different committees that include administrative heads and faculty members. Policies are implemented after being proposed and receiving approval from the Governing Body. The principal is the Chairman of all clubs and committees.

Administrative Heads of Various Departments

The Heads of the Department are the Chairpersons for the Board of Studies of respective departments. HoD ensures the curriculum and syllabi are being designed to accomplish the requirements of industry needs. The HoD receives course requirements from all stakeholders to frame the curriculum and syllabi.

Faculty Level

Faculty members prepare the course content and other requirements for students to learn the course in an effective manner. The faculty members are performing the role of either class advisor or class tutor to care for the students intensively.

Students Level

We provide ample opportunity to the students to practice and improve their leadership qualities and coordinating skills. Apart from that students are actively involved in different clubs and committees as per their interest.

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://hicet.ac.in/campus-life

6.2 - Strategy Development and Deployment

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

Creative Digital Teacher: ICT tools help to improve the quality of the teaching-learning process by increasing student motivation, connecting students to a variety of knowledge sources, supporting active in-class and out-of-class learning settings, and allowing instructors to devote more time to facilitation. As a result, many educators are turning their attention to the use of ICT tools in the teaching and learning process. Students' drive, self-confidence, and self-esteem to learn are all boosted by these technologies. Furthermore, modern technologies often encourage independent and active learning, making students feel more responsible in their own education. A large body of study on the role of ICT in modernizing learning and teaching has prompted attempts to use these technologies in order to improve educational quality, flexibility, access, and affordability. Due to the Covid pandemic situation, the classes were conducted via an online platform (Google classroom). To empower the faculties to effectively conduct online classes, workshops on ICT tools with hands-on training were provided to ensure an involving teaching-learning experience. In connection, a dedicated official YouTube channel named 'Hindusthan College of Engineering and Technology' was established to upload the E-content developed using ICT tools by the faculties of all departments.

File Description	Documents
Strategic Plan and deployment documents on the website	[View File]()
Paste link for additional information	[https://www.hicet.ac.in/iqac]()
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.

Hindusthan College of Engineering and Technology has supportive management with a team of dedicated stakeholders which functions in an organized structure. The Institute aspires to be a part of the country's socio-economic progress with the guidance of the Management, Chief Executive Officer, and Principal.

Through the engagement of external members in various

Committees/Boards, the organizational structure lends itself to sustaining institutional capacity and educational efficacy. It examines the institutional strategic plan, which specifies the financial and recruitment strategies as well as the institution's academic goals and objectives. Members of several committees formed by the institute include various stakeholders. At the right levels of the organizational structure, decisions are taken. Through independent flexibility for departments/committees and a participatory decision-making process, an optimal amount of decentralization is achieved.

Apart from these statutory bodies, there are certain non-statutory bodies that take care of all different roles/activities which are taking place inside the college premises. Also, Peer committee meetings, tutor ward meetings, and parent-teachers meetings are conducted often to add their role in the institutional activities. In every respect, feedback analysis is conducted to have transparent governance and continuous improvement in the quality of the institution.

File Description	Documents
Paste link to Organogram on the institution webpage	https://hicet.ac.in/files/organogram.pdf
Upload any additional information	View File
Paste link for additional Information	https://hicet.ac.in/files/HR-POLICY.pdf

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

A. All of the above

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

6.3 - Faculty Empowerment Strategies

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

The institution has a strong certainty that the overall well-being of an individual contributes to sustainable growth. This policy highlights the benefits provided to employees.

- Yoga is offered for mental and physical wellbeing.
- Women Empowerment cell arranged guest lecturers to empower women skill-sets.
- The Institute having own Hospital, Dispensary inside the college, Staff offered concessions and free medical camps.
- Maternity benefits in terms of medical leave, finical support given to the faculties.
- Group insurance was taken to all faculties.
- All non-teaching faculties can use ESI benefits.
- Department of Physical Education arranged Sports activities and gym facilities for staff.
- Faculties are awarded for their achievements during Teachers Day.
- Transport fee waiver given for all staff.
- Career advance training programs conducted to all staff.
- Promoteresearch work, Higher education support, Industry enabled training, on-duty, lab facilities, and research fund given to them.
- Staffs are encouraged to publish journals the publication charges, NPTEL, and Patent financial support were given by the institution.
- R&D incentives provided to faculties.
- Staff quarters available.
- Summer vacation shall be given to the entire staffs on rotation basis.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://hicet.ac.in/campus-life

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

23

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

46

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.)

247

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 conducts regular internal and external financial audits. The Internal Audit is conducted once in two months and the detailed report is submitted to the Account Executive Officer of the Trust. Once a year Annual Statutory Audit is conducted and the report is submitted to the Trust.

Internal Audit

An Executive Officer appointed by HINDUSTHAN EDUCATIONAL TRUST under which the college functions, verifies all the bills, payments, receipts, vouchers of the transactions, cash books, ledger account reviews that are carried out in the past three months. The substantive procedure is adopted to check the correctness, completeness, and validity of the data. Based on the audit, the report is prepared and submitted to the management.

External Audit

The auditor appointed by the Trust performs an Annual Statutory Audit of the financial statements of the college. The financial records are audited by a Chartered Accountant at the end of each fiscal year and the audited statements of income and expenditure, balance sheets are certified. The auditor verifies if the items of revenue, expenditure, and items of assets and liabilities get reflected in the income and expenditure account and balance sheet as per the requirements.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://hicet.ac.in/aqar/Criterion_VI/6-4-1/6-4-1-INTERNAL-AUDIT-REPORTS.pdf

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

06

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

Resource Mobilization

The maximum resource mobilization is through tuition fees, R&D Funding, Donations, Management support, and miscellaneous income.

Utilization

Adequate funds are allocated to introduce innovative teaching-learning practices

- Based on the budget requirements, funds are allocated and utilized by the clubs, NSS, and NCC to conduct activities. Funds are allocated to the associations and departments to conduct seminars,
- FDPs,
- Workshops and conferences.
- Staff salary
- Examination Charges
- Staff and student welfare expenses
- Maintenance of the building and infrastructure.
- Procurement of lab consumables, LCD projectors, Laptops, etc.
- Awards for students and staff members
- Establishing a green campus
- Seed money to conduct research activities
- Scholarship from government and non-government agencies
- Funds from the Government and non Government sponsoring agencies are optimally utilized for the conduct of seminars and workshops

The funds mobilized are utilized according to the provisions of management and other funding agencies. After utilization, a Certificate of utilization is obtained from a qualified auditor to be submitted to the funding organizations. The surplus generated from income over expenditure is transferred to the capital fund of the college.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional Information	https://www.hicet.ac.in/iqac

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)

1. Digital Teaching-Learning Process (TLP) has been introduced
2. Significant number of faculty member take part in Faculty Development Program (FDP) and Online Courses conducted by AICTE ATAL FDP / NPTEL/ Coursera etc to enrich their teaching learning skill
3. Faculty members are motivated to publish their work in referred journals like Web of Science/Scopus etc
4. Institutional Infrastructures were strengthened in all aspects like Networking Systems, ICT enabled class rooms and play grounds
5. According to the current Industry Need (State and National Wide) curriculum was strengthened by all departments
6. Institution has signed MoUs with various Organizations, Industry Sectors at National and International level
7. The Management offers Seed Money to encourage the faculty members to do innovative research
8. Every year the proposals are received from the faculty members and based on the quality, societal need and innovativeness of the proposals the Seed Money is sanctioned
9. To inculcate lifelong learning, faculties and students to complete one course per year in self-learning mode through online portals like NPTEL, SWAYAM, COURSERA etc
10. Campus digitalization through "eCampus" and continual improvement, the college has introduced, online fee payment, collection of online feedbacks, online attendance and lesson plan entry etc.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.hicet.ac.in/iqac

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

It is suggested by the IQAC members to maximize the use of ICT resources in every department of the Institute. More emphasis was given to utilize the digital classrooms which are enabled with LCD projectors with internet connection and digital contents to enhance the teaching-learning process. The institution, under its autonomy status has adopted the OBE in the UG/PG syllabus in which

the prime importance is to the assessment and attainment of the learning outcome. Based on the COs drawn up, a teaching methodology evolving traditional methods, ICT tools, seminars, internships, projects and a host of other activities are being carried out. The CIA tests are conducted periodically. 25% weightage is allotted for internals, the components of which are assignments, seminars and the test marks are converted to 25% weightage. After the completion of 90 days, End-of-Semester Examinations are conducted on all courses. The COs are assessed from these assessment patterns. The result of CO attainment is used to evaluate the attainment of Programme Outcome. The CO marks for each student scored against each CO would be tabulated and the different scores indicate the various attainment level. Google and other digital Platforms are invariantly and extensively used to conduct online classes to benefit the students during the pandemic situation. Frequently regular class evaluations and assignments were designed using these platforms to validate the learning levels of the students.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	https://www.hicet.ac.in/iqac

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

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	https://hicet.ac.in/files/Hicet-annual-report-2020-21.pdf
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

In Hindusthan College of Engineering and Technology (HiCET), Coimbatore Gender Equity Policy is one of the main objectives from its inception. The logo of the institution itself is being designed with an intention to ensure the equality between the genders. The institution facilitates a number of gender responsive activities. Gender equity is successfully implemented and maintained here with more responsibility from administrators' level to student's level. Gender equality and equity aims at ensuring both woman and men are considered equal and treated equally in terms of dignity and rights.

To develop gender equity among girls the programmes like Developing Positive Thinking and Patience, Program your mind, How keep your dreams and aspirations keep you going, Ways becoming a responsible youth were conducted by out Student Counseling Centre of our College. The girls' students are properly monitoring by the class advisors and counseling is frequently given by the Doctor frequently visiting our campus.

Our college has the proper mechanism for the prevention of sexual harassment, enhance self – confidence among women students through proper security system like separate restroom for girls, suggestion boxes, CCTV cameras installed in most of the locations. Anti-ragging committee aims to ensure ragging free campus.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://hicet.ac.in/aqar/Criterion_VII/7-1-1/7-1-1-Gender-Equity-Policy.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)

Today's environmentally challenging atmosphere, management of degradable and non-degradable waste assumes paramount importance. We in our institution take active role to address waste management issues.

1. Liquid Waste Management

'Save water, and it will save you'. Water conservation isthe practice of using water efficiently to reduce unnecessary water usage. To conserve the water resources, our institution has been incorporated water recycling plant. The plant is converting the sewage water from hostel and other parts in to usable form. The recycled water is using for agriculture purpose in our campus.

2. Solid Waste Management

To avoid the perishablity of food waste from Hostels and Canteens the institution has made an agreement with Velliangiri Piggery Farm. The collected waste foods from Hostel and Canteens were supplied to the Farm as pig feed. The paper wastes collected were supplied to Rajam Enterprises for recycling. The other solid waste collections have been converted in charcoal can be used as a fuel.

3. Bio-Medical Waste

To manage hygiene among the girl's students Sanitary Pad Incinerators were installed in girls hostel has been used to destroy the waste related to women's health issues.

4. E-wasteManagement

To protect the environment from the unused electrical and electronics materials, our institution has been taken a plan of activity to manage E-waste material. The institution has made an agreement with Green Era Recyclers to collect the E-waste materials. We have installed E-Waste dust bin in various location and collected the E-waste material from student and staff. The collected E-Wast materials were dispatched to Green Era Recyclers and Certificate also obtained for the disposal of E-waste from our institution.

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

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

A. Any 4 or all of the above

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

7.1.5 - Green campus initiatives include

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

A. Any 4 or All of the above

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

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

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   **A. Any 4 or all of the above**
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).

To promote tolerance and harmony in the college we do various initiatives, one of the initiatives is to celebrate festivals of our state and neighboring states. We celebrate Pongal, which is the harvest festival of the state. Onam is also the harvest festival of Kerala, which we celebrate with much fanfare in our college.

We also inculcate inclusiveness with our curriculum by providing open elective courses like human rightsand values. To develop good relationships with the student community, we follow a mentor-mentee system. This system helps the students to perform well in academic as well as personal life.

We have a vibrant NSS team which serves rural areas near our institution. They performed a lot of activities like medical camps, covid vaccination camps, area cleaning and planting of saplings. We also joined hands with rotary clubs and did covid assistance activities. Regarding linguistics, our Tamil mandram conducts various competitions like debates and poem writing etc.

Our institution started the National cadet corps with an army wing

in the year 2018 and Air Force wing in 2019. All student of the institution have equal opportunity in joining NCC and both male and female students are equally motivated to join NCC.

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:

To sensitize the students on constitutional obligations certain courses are designed and offered to the students during their course of study. Courses titled "Indian Constitution", "Essence of Indian Traditional Knowledge" "Indian Constitution and Political System" "NCC General and National Integration" "Fundamentals of Yoga" "Human Values" "Environmental Studies" are offered to Engineering students under Regulation 2021 and courses namely "Rural Innovation project", "Social immersion project", "Indian Ethos and values" are offered to MBA students to inculcate values and make students understand their constitutional rights, duties and groom them as responsible citizens.

Independence Day and Republic day are celebrated in the campus to sensitize the students and employees on the constitutional obligations. During celebrations, Indian National flag hoisting ceremony takes place in the permanent flagpole, followed by parades by the NCC team and planting of saplings. Constitution day, Voters day, Anti terrorism day, World Habitat Day International Yoga Day, world environment day, National Cancer awareness day, Fit India Run and various important and notable days are celebrated and various programmes were conducted in the institution to sensitize students and make them responsible citizens. Our faculties and students regularly take part in blood donation camps, Swachh Bharat and various awareness rallies.

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

B. Any 3 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

In Hindusthan College of Engineering and Technology, we consider celebration of National & International commemorative days as an important duty in instilling pride and confidence among our student's community. We strongly believe all those occasions will serve as a transformation opportunity for the students. We take sincere efforts in celebration of following events.

- 12th January – National youth day is celebrated to initiate Swami Vivekanada's Motivational Principles
- 15th January – National Army Day is celebrated on remembrance of General Field Marshal Kariappa
- 24th January – National Girl Child day is celebrated to praise the girl child
- 25th January – Voter's day is celebrated to raise the awareness
- 26th January - Republic Day of India is celebrated to impart democratic values among the student community
- 28th January – Punjab Kesari Lala Lajapathy Rai birth day is

celebrated
- 29th January – Our freedom fighter Subhash Chandra Bose birth day is celebrated
- 30th January – Leprosy day is celebrated
- 2nd February – World wetlands days is celebrated by nature club
- 4th February – World Cancer Days is celebrated to give the awareness about Cancer
- 28 February – National Science Day is celebrated to kindle the research insights among the student community
- 8th March – International Women's Day is celebrated to impart our traditional values and cultural heritage and create gender equality
- 22nd March – World Water Day is celebrated
- 14th April – Our Constitutional Pillar Dr.Ambedkar's birth day is celebrated
- 22nd April – World Earth day is celebrated
- 23rd April – World National English day in commemoration of English poet Shakespeare
- 5th May – Anti terrorism day is celebrated
- 15th August – Independence Day of India is celebrated to impart patriotism towards the students
- 5th September – Teachers' Day, is celebrated on the birthday of Dr.Radhakrishnan Pillai, the epic teacher
- 15th September – Engineer's day in India is celebrated to give the tribute to the great scientist M. Visveswaraya
- 2nd October – Mahatma Gandhi birthday is celebrated as International non-violence day which gives importance to the Ahimsa principle
- 15th October – World hand washing Day to promote the habit of hand washing with soap for prevent covid-19
- 15th October – APJ Abdul Kalam Birthdayto pay the tribute to our former President
- 17th October – International Day for Eradication of Poverty is celebrated to impart the value of food balance
- 24th October – United Nations day is celebrated to understand the importance of joining together
- 31st October – World Thrift Day, is celebrated to impart the values for saving and financial security of individual and nation as a whole
- 11th November – National Education day is celebrated on the birth anniversary of Maulana Abdul Kalam Azad
- 14th November – Children Day (Jawaharlal Nehru birthday) celebrated on the birth anniversary of former prime minister Jawaharlal Nehru

Based on these days various competitions and webinars are conducted. Quiz competitions are organized for National Youth day, National army day, and webinar was conducted for world health day, speech competition was conducted for children's day, drawing competition was organized for republic day.

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

7.2 - Best Practices

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

Title of the Best Practice 1: 'Value added courses'

Objectives of the Practice:

We intend to equip students to become expert in upcoming technology. Majority of the departments have been conducting value added courses in their respective domains. Value added courses are now considered to be primary importance for students learning outcome. These courses help or aid students in their employability and their skill-oriented profession. Value added courses are introduced in the extracurricular domains in our course structure and we insist upon all students to undergo the courses compulsorily. It gives awareness for inter planer training, implant training and placement.

The Context

Formulation of value-added courses is done by chairman of Board of Studies in consultation with the member of Board of Studies in the respective departments. While formulating the courses the faculty team takes into consideration of the longevity of the specific courses. They also look into the availability of the course trainers and the logistical arrangements.

The Practice

Value added courses offered by various departments are as follows:

1. Aeronautical Engineering Department
   1. Mesh tools for industrial application
   2. CATIA Industrial Application.
2. Agricultural Engineering Department
   1. Testing and Evaluation of Agricultural Machinery and Equipment
3. Automobile Engineering Department
   1. Automotive Vehicle Fault Diagnostics
4. Biomedical Engineering Department
   1. Java and Lab view GUI Programming with Real- time Application .
   2. Innovation in biosensor applications using labVIEW
5. Chemical Engineering
   1. Bulk solid handling for chemical engineers
6. Civil Engineering Department
   1. Autodesk Revit Architecture.
7. Computer Science Engineering
   1. Computer Hardware and Networking
   2. Database Using SQL.
8. Electronics and Communication Engineering
   1. Arduino & Raspberry Pi
9. Electronics and instrumentation Engineering
   1. Object Oriented Programming Using JAVA
10. Electrical and Electronics Engineering Department
    1. Lab view programming.
11. Food Technology
    1. Food product Development
12. Information Technology Department
    1. Database Using SQL, Computer Hardware and Networking and Android
    2. Development with Kotlin, the Complete REACT Native
13. Mechanical Engineering Department
    1. Introduction to MS office
    2. Computational fluid dynamics.

All the courses conducted under value added courses are skill-oriented and all the courses are most important in the context of employability, skill development, and serving as stepping stones for the institution and entrepreneurship journey.

Evidence of success:

We made value-added courses as a component of co-curricular activity. These courses are handled by expertsfromin-house faculty

members who have been trained in that area. The courses are done with assignments or assessment methodology. At the end of the course, there will be a certification based on various assessment methods adopted by the trainers. During certification, the students will possess the knowledge as envisaged by the objective of the courses. The result is based on the target and benchmark set by the industry.

Problems encountered and Resources Required:

A crucial challenge faced in the stream of value-added course is about trainers' availability and time factor. These courses are conducted with the support of college management in the interest of the student community. In some specific incidence, we can also support the trainers in the infrastructural amenities.

Title of the Best Practice 2: ``Social awareness and Society enrichment'

It is yeoman responsibility of the educational institution to inculcatetheideaanditsimportanceofSocialawareness and Societyenrichment. In this present scenario students are very powerful to implant an idea of Contributiontosociety. Inevery point of view government is taking care of its people. Government cannot work in all fields to do social good and fulfil the expectation of the people. It is the duty of the citizen to have participation with government for socialupliftment. Keepingthis, asthe Bedrockof the point, our institution is providing these programs for social awareness and society enrichment.

The Context:

We cater different segments of the population according to the needs. We provide service in the field of Healthcare, environmental science, Digital literary Computing skill, venture etc.. Our being an aggressive economy and vast social area to be developed, development cannot be equally distributed in all places of the country. This being the cracksofthechallenge, ourpresencein social awareness and society enrichment becomes very essential.

The Practice:

Our computer science engineering and information technology department together conducted Social awareness and social enrichment program related to digital learning for government school teachers and we have also conducted 11 programs in social

awareness and social enrichment stream. All the programs are related to covid pandemic, environment science awareness, Preparing for computer exam, personality development, fit India Movement, Spoken English, women development, etc.

Evidence of success:

Our students have the opportunity to involve themselves and understand the concept of all the programmes organized under the Social awareness and social enrichment programmes. The programme will help them to become social wellbeing in upcomingdays. Outofthisenrichment, students have opportunity to withstand themselves to become social entrepreneur in future.

Problems encountered and Resources Required:

During covid pandemic, the challenges are plenty. We had to organize events on online mode due to social interaction being restricted by the government. There are also issues related to finding the people expert in the area of Social awareness and Society enrichment. There was also an opportunity to contribute to the social care during the pandemic. Our stakeholders being students it was very difficult to get permission from parents to be involved in social awareness and social enrichment programs.

File Description	Documents
Best practices in the Institutional website	https://hicet.ac.in/best-practice
Any other relevant information	http://hicet.ac.in/aqar/Criterion_VII/7-2-1/7-2-1-Any-other-relevant-information-Link.pdf

7.3 - Institutional Distinctiveness

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

HICET a 21-year-old HEI that is constantly introducing revolutionary practices in the field of higher education. It is ranked 31st in the country and 13th in the state. The institute is affiliated with Anna University in Chennai and was granted autonomy in 2016. College is recognized under Sections 2(f) and

12(B) of the UGC Act of 1956. We have always strived to be unique to bring out the best in every student by distinctively doing the following: a) Peer Group Committee Meeting: The student members count 6-10 of all categories such as average, weak, and good in academic, hostel, day-scholars, other states along with Dean-academics, class advisor and all subject handling faculty members of the current semester are the members of the group. The diverse categories of group members allow for 360-degree monitoring of students' academic engagement. b) Course Information Sheet prepared prior to the start of the course. The sheet is divided into twenty-three points. The major consideration in the CIS is that the weightage for each unit's contents is analyzed using multiple factors. c) Dynamic SAE (Society of Automotive Engineering) Professional Club to encourage students' talent and sharpen their leadership, teamwork, and management abilities. SAE Professional Membership Club that promotes professional growth by giving members access to leadership and career-building opportunities.

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.

Hindusthan College of Engineering and Technology (HiCET) provides high graded education bonded with excellent pedagogy to nurture and qualify students to confront global challenges with explication and to mould them as socially responsible citizens.

Curriculum has been mapped with the mission and vision of the institution and the department followed the standards set by the MHRD / UGC / AICTE / Anna University, and suggestions offered by Governing Body, Academic council and Board of Studies (BoS).

Curriculum Development Cell (CDC) implements the course objectives, pre-requisites, COs, POs, PSOs, and assessment patterns on revised Blooms Taxonomy.

The designed scheme is to carry out research and development activities and the subjects that are relevant to industrial and socio- environmental spectrum are as follows:Local (72), Regional (67), National (110) and Global (150) out of 1532 courses. The scheme supports Industry Integrated course by incorporating IBM exclusively for B.E ECE, IT, CSE and AI&ML. B.E AI&ML and M.E Embedded Systems were the new programmes introduced during this academic year.

The students are motivated for multidisciplinary courses like life skill and online courses. Guidelines are provided in the form of OBE, CO-PO and academic manuals to execute the autonomous system effectively deliberated to the all stakeholders.

File Description	Documents
Upload additional information, if any	[View File](#)
Link for additional information	https://hicet.ac.in/files/1-1-1-ACADEMIC-MANUAL.pdf

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

20

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

75

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

242

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

21

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

Major and instantaneous changes in the society is made possible only through education. Our curriculum incorporates 3 credit courses designed to create awareness and attitudinal changes in young minds such as Human rights, Women rights, Gender Equality, Indian Ethos and human values, Indian Constitution and Political System, Yoga for human excellence. These courses leave its effect on students' habitual practices. Courses like General Studies for Competitive Examination enable students to have a better competitive edge over others.

Women Rights and Gender Equality

These courses make students to realize the significance of the female gender and the need to treat them equally. Such courses instill that women are the backbone of a healthy community. Women Empowerment Cell periodically conducts various activities like Entrepreneurship opportunities for women, Physiotherapy and Mental Health, and various other activities away from the classroom environment.

Environmental Studies

The course on environmental studies is a 3-credit course and is common for all students across the branches. Environmental education equips learners with the knowledge, skills, and motivation to address complex environmental challenges. Environmental science and engineering enlighten the students on the way to conserve our environment in the face of rising human population development and anthropogenic behaviors that destroy natural resources and habitats. The main objective of this course is to inculcate a sense of responsibility among the learners in protecting our environment and its natural resources. It also emphasizes pollution control and addresses the social issues related to the human population and the environment.

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

21

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

1712

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

1607

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

1434

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)

1066

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 students are admitted to the college who come from a different medium, they initially hesitate to open up and interact with the faculties. As the classes start, the department takes an initiative to identify the slow learners. Students are identified as slow learners and advanced learners based on their performance in the first internal assessment test. Slow learners are groomed regularly in their class hours by asking them questions on the topic which has been discussed in the class and additional classes have been conducted. Question banks, simplified learning materials and assignments given to enhance their learning capabilities.

The advanced learners are given encouraged to take part in active items like quizzes, hackathons, innovative project contests, and presenting the papers in seminars and conferences. A fast track system has been successfully implemented for the students who have scored CGPA 8 and above. It is an ample avenue for advanced learners for internship and

industrial projects. A friendly environment is created to improve the communication skills of advanced learners. The advanced learners are also motivated for higher studies and are encouraged to appear for various competitive examinations at the national level and international levels.

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

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
31/08/2021	4895	398

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 follows Outcome-Based Education (OBE) to develop thinking skills including synthesizing, analyzing, reasoning, application, and evaluation. Conventional teacher-centric learning is transformed to student-centric to develop critical thinking and problem-solving skills. Internships Workshops, Seminars are encouraged to enhance the student learning ability experimentally to help the students to gain hands-on experience and knowledge on industry operations. Learning through participation students are encouraged to associate with various club activities for building Teamwork, Self-confidence & leadership skills among the students. Hackthons alike events are popularized among the students to take part in real-time problem assessment and to apply their knowledge on open-end problems. NPTEL, Coursera, EDx, other MOOC courses platforms are promoted and necessary infrastructures are provided for the students to learn apart from classroom teaching and learn from Industry leading experts to boost their knowledge through self and independent learning.

The digital Library in the institution provides easy access to the E-learning resources through N-List and NDL where students get educational materials of all disciplines. The institution provides a YouTube channel where all lectures videos are uploaded for the benefit of the student community.

File Description	Documents
Upload any additional information	[View File](#)
Link for additional Information	https://hicet.ac.in/clubs

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

ICT tools can be used to find, explore, analyze, exchange, and present information responsibly and without discrimination. Faculty Development Programmes are conducted to train the teachers about the importance and availability of different ICT tools to improve classroom teaching. Google Classroom is an online learning platform useful to both the teachers and the students. Teachers communicate with the students at any time and anywhere through this tool. Learning materials, video lessons, and other resources related to the course content are posted. Teachers use Kahoot, a game based classroom response system, to encourage students to play a quiz on the course content. Students enjoy this as it is visual and time-bound. Teachers useTestmoz an interactive online tool, to conduct quizzes to have a quick check on students' understanding. The institution uses Google Forms to take surveys for assessment, feedback, reviews, and to collect details on any area. QUIZIZZ is used by the teachers to create interactive learning exercises which include multiple-choice questions, crosswords, cloze tests, and puzzles. Lectured videos are created by respective faculties for their concerned subject are uploaded to the institution's YouTube channel for the benefit of the student community.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://hicet.ac.in/iqac
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

302

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

Academic calendar

Academic calendar is prepared in way that it brings uniformity among all levels administration in the institutions. Academic calendars include all academic activities like internal test exams, Mid semester exams, End semester practical examinations and end semester examinations. The Principal, Deans, All Department Heads are involved in the preparation of academic calendar is to have uniform calendar among all the departments. Approved Academic calendar to be circulated to all Departments and to be pasted in respective notice boards and uploaded in institution website for the reference of student community. Based on academic calendar respective departments are advised to conduct co-curricular activities like Industrial visit, seminars, workshops, symposiums, placement trainings and conferences.

Teaching plans

Teaching plans are prepared by faculty members to meet all objectives of the syllabus and curriculum. Course plans will be

prepared based on blooms taxonomy and it includes the teaching aids, teaching methodology to give the information about conduction of course in the particular semester. Course plans are prepared to meet the course objectives, course outcomes and to programme outcomes and programme specific outcomes. In laboratory course plans, all experiments, activities of the laboratory and evaluation based on rubrics will be mentioned.

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

398

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

106

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

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

2270

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

10

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

0

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

Hindusthan College of Engineering and Technology has equipped with the following software which are used to oversee the exams and assessment-related activities namely E-CAMPUS, COXCO, EXAMLY for an effective implementation of Examination reforms. These platforms enable to facilitate Continuous Internal Assessment (CIA) system. A revised Blooms Taxonomy level with

Higher Order Thinking standard ensures question paper quality. Student-centric portal E-CAMPUS management system brings efficiency and transparency to the EMS in handling theory and practical marks and attendance. COXCO internal portal maintained by the Controller of examinations ensures confidentiality and reliability for avoiding discrepancies related to internal/external marks, choosing of open electives. End Semester Examinations (ESE) automated through the software called EXAMLY initiated from 2020 - 2021. The platform supports the flexible and hassle-free online Examination conduct of both CIA and ESE during pandemic. It ensures error-free and reliable question papers, two-level scrutiny system (Both External/Internal). The other standards maintained includes 100 % external question paper setting and answer script valuations, Aadhaar enabled grade sheets with 13 security features, and so on. Finally, End Semester Results get published with minimum days from the last date of exam through college website (www.hicet.ac.in) once approved by the Result Passing Board.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://hicet.ac.in/files/Exam-Process-Manual-Final-Nov-2020.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

PO, CO are the defining and deciding factors leading the students community into knowledgeable and professional youth. The OBE model measures the progress of the graduate on these parameters PO and CO. Course Outcomes (CO) are the measurable parameters which evaluate each student performance for each course. Program Outcomes (PO) are the statements that describe what students are expected to know and able to do by the time of Graduation. The details of the PO and COs are displayed in the website act as a ready reckoner to all the stake holders- the students, the parents, the faculty and employers. Each department displays its Vision, Mission, POs and PSOs. The entire syllabus is framed on the Bloom's Taxonomy and hence every course offered has its CO definitely stated and displayed in the institution website. Each department discusses the CO on designing the syllabus in their BOS which consists of a subject

expert, expert from the industry, an alumnus and a student. As an initiative of the IQAC, orientations, seminars and workshops are conducted on the designing of the curriculum. This paves way for the indefectible channeling of these outcomes to the stakeholders.

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

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

The institution, under its autonomy status has adopted the OBE in the UG/PG syllabus in which the prime importance is to the assessment and attainment of the learning outcome. Based on the COs drawn up, a teaching methodology evolving traditional methods, ICT tools, seminars, internships, projects and a host of other activities are being carried out. The CIA tests are conducted periodically. 25% weightage is allotted for internals, the components of which are assignments, seminars and the test marks are converted to 25% weightage. After the completion of 90 days, End-of-Semester Examinations are conducted on all courses. The COs are assessed from these assessment patterns. The result of CO attainment is used to evaluate the attainment of Programme Outcome. The CO marks for each student scored against each CO would be tabulated and the different scores indicate the various attainment level. Each course in the syllabus is framed with adequate COs. Thereafter a CO/PO matrix is developed to map the outcome. High attainment level is marked with '3', Medium with '2" and Lowest with '1'. Level of relevance of the curriculum with the expected skill of the Industries are assessed from the feedback, CO/PO matrix, inputs from Alumni and Employers.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://hicet.ac.in/aqar/Criterion_I/1-1-1/Additional-Documents/1-1-1-OBE-Manual-R2016-R2019.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

1136

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/examinations

2.7 - Student Satisfaction Survey

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

https://www.hicet.ac.in/iqac

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

The institution is committed to promote research culture in the campus. Our commitment towards research yields long term technical impacts over interdisciplinary areas. The Research Committee is constituted to promote the innovative industry relevant research with high quality accuracy and marketing potentiality. To encourage and support faculty members to

conduct research in all fields and disciplines of Engineering and Applied Science, Seed money aboutRs.6 L(Six LakhsOnly) is provided to conduct research projects within campus and all completed projects are earmarked for patent filing and grant by IP India. Centre for Excellences are established in the frontier areas of research like AI & ML, Embedded Systems, IoT and Robotics.

The faculty members are encouraged with incentives for their research activities. For Consultancy projects - 40% on the surplus revenue generated, Academic book editing/authoring and research publication in refereed journals, For successful completion of online courses in advanced domain areas Examination fee is reimbursed. Organizing funded seminars, conferences, workshops etc. - from 5% to 8% of receipt value is provided. Attending Seminars, Conferences, Workshops etc. outside Tamilnadu/India - On-duty leave with full registration fee Faculty members with Ph.D. Degree are motivated for supervisor recognition under Anna University.

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/files/Research-Policy.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)

6.00

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

20

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)

3.104

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

05

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

3.2.3 - Number of teachers recognised as research guides

28

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

05

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	http://hicet.ac.in/aqar/Criterion III/3-2-4/3-2-4-Details-of-Departments-having-research-projects-funded-by-Government-and-or-Non-government-agencies.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.

HICET is well equipped with latest laboratories, IT Consumables and Infrastructure facilities. The College offers 4 PhD Programs, 6 Center of Excellence and Incubation Centers for the promotion of innovation in Teaching and Research. HICET promotes research through well equipped research labs, center of excellence, guiding research scholars, facilitating project proposals, government funding programs, and collaborate with partner institutions in areas of mutual interest. Hindusthan Innovative Product Development Centre is approved by Ministry of Small and Medium Scale Enterprises to implement the scheme of "Entrepreneurial and Managerial Development of SMEs through Incubators". Institution is Equipped with the following Centre of Excellence with innovative objective on its own field of excellence. Royal Enfield Centre of Excellence, Eicher Motors Centre of Excellence: Regional Competency Development Centre of Excellence, Artificial Intelligence & Machine Learning Centre of Excellence, Centre of Excellence for Youth Empowerment, Entrepreneurship Centre of Excellence, IPR Cell . HICET offers 4 various Research Programs in Department of Mechanical, Electronics and Communication Engineering, Computer Science and Engineering and Electrical and Electronics Engineering. About 30 faculties are recognized Research Supervisors and 250+ Candidates are pursing PhD.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	https://hicet.ac.in/entrepreneurship-development-cell

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

65

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

17

File Description	Documents
URL to the research page on HEI website	https://hicet.ac.in/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

244

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

64

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://hicet.ac.in/aqar/Criterion_III/3-4-4/3-4-4-Books-Conference-Published.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

636

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

13

File Description	Documents
Bibiliometrics 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)

30.86

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

28.11

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

With the unwavering backing of Management, the NSS and NCC units have conducted extension activities in the neighbourhood to raise awareness of social issues. It alsoheld a residential seven-day camp in a nearby adopted village for addressing some issues likecleanliness, tree planting, water conservation through the construction of Banda, Shramdan, social interaction, group discussion, superstition eradication, Beti Bacho Beti Padhao, environmental awareness, women empowerment, national integrity, aids awareness, blood donation, health checkup, veterinary guidance, so that Students get a grasp of rural wisdom.

Furthermore, theyparticipate actively in social awarenessEnvironmental Awareness, Personal Health and Hygiene, Road Safety, Tree Plantation, Soil and Water Testing, Plastic Eradication, No Vehicle Day, Jananisuraksha, Program on Female Foeticide, Organizing Visits to Orphanages and Anganwadis, Voters Awareness, Blood Group Detection, Health check-up camps, Blood donation camps, Dental check-up camps, and so on The NSS-HICET reinforced through all of these initiatives

Hindusthan College of Engineering and Technology's Rotaract club was founded in 2019 under the umbrella of the parent Rotary Club (RCC TOWN 3201). The club's major goal is to help others, promote integrity, and promote goodwill, peace, and understanding within the student fraternity. The institution focuses on developing leadership qualities and personal integrity.

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

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

10

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)

69

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

3724

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

156

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)

36

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching-learning, viz., classrooms, laboratories, computing equipments, etc.

The Institute is nested in a serene campus spreading 30.14 acres with diverse blocks of buildings, capacious classrooms, state-of-the-art laboratories, well stocked library, spacious seminar halls and vast auditoriums validating efficient transfer of information and knowledge. The Institute also has a dedicated space and department for corporate relations tending to the training and placement needs of the students.

Classrooms are provided with the latest ICT facilities, LCD projectors and smart boards enabling effective teaching and learning process. Laboratories are equipped with the latest calibrated instruments as per the curriculum requirements.

Computing facilities with high speed internet and LAN connections are available throughout the campus for seamless connectivity.

Seminar halls and auditoriums are equipped with befitting audio-visual facilities for organizing symposiums, seminars, workshops, faculty development programs, short term training programmes, co-curricular and extracurricular events.

Spacious and well furnished cabins are provided for faculty and non-teaching staff in their respective departments. An in-house reprographics store caters to the stationery supplies, printing and publishing needs of the students and faculty.

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 has spacious seminar halls, auditoriums and amphitheatres with sufficient seating capacity and audio-visual facilities for organizing extracurricular, cultural and club activities. Outdoor sports facilities for Football, cricket, basketball, volleyball, handball etc., and indoor facilities for badminton, table tennis, carom and chess, etc. are available within the campus. A fully air conditioned gymnasium is also operational with independent timings for boys and girls.

File Description	Documents
Geotagged pictures	[View File](#)
Upload any additional information	[View File](#)
Paste link for additional information	https://hicet.ac.in/campus-life

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

119

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)

637.15

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

4.2 - Library as a Learning Resource

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

The Library is fully automated with Dolphin Lips iNet 5.0 ILMS software since 2004. This software allows cataloguing through accession numbers, titles, and authors. The OPAC enables the librarians to catalog different genres of books and maintain its database online. It allows users to search books on parameters such as title, author's name, volume, and keywords.

The e-resources (Open Access & Subscribed) are accessible to all the library users and can be accessed from anywhere within the campus. The institution has subscribed to e-resource platforms such as NDLI, N-LIST, ProQuest and DELNET and is renewed on a yearly basis. These online resources provide access to thousands of journals, dissertations, publications, magazines and newspapers.

The institution has also installed the Swayam Prabha DTH to telecast high-quality educational programmes provided by NPTEL, IITs, UGC, CEC and IGNOU.

Faculty profiles and publication details are constantly updated in Vidwan, ORCID, Scopus, Google Scholar, Microsoft Academic database and are reviewed periodically. Digital copies of video lectures of Swayam, NPTEL etc. are available for learning and reference.

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)

26.89

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

270.33

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 has a robust IT policy that governs the standards on IT Service Management, Information Security,

Network Security, Risk Management and Software Management. The institution has always upgraded its IT facilities to keep pace with evolving academic trends and incorporate all technological breakthroughs into its structural framework for day-to-day operations.

The Computer Maintenance Department (CMD) of the institution is in charge of the procurement, installation, configuration and maintenance of IT equipment in computer labs and administrative sections. CMD is also entrusted with the responsibility of running the institution's intranet & Internet services, Firewall security, Proxy, DHCP, DNS, email, web and application servers and managing the network of the institution. CMD also has the discretion to decide the type and version of OS, IP addresses allocation, proxies, e-mail relays and software application for the computers.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.hicet.ac.in/iqac

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
4895	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	B. Any three of the above

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

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

821.46

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 campus holds well established standard systems and procedures for maintaining the physical, academic and support facilities. A well built team of multi-faceted maintenance and service personnel is available at disposal for both proactive and reactive operational requirements.

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

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

2721

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

193

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/campus-life
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

794

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

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

A. All of the above

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

5.2 - Student Progression

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

794

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

60

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

14

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

8

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

Encouraging students' involvement in every sphere of activity within the college enables the students to develop leadership qualities resulting in their overall development.

Students are actively participated in various Academic and administrative committees to support the institution to maintain the higher level. The intra collegiate cultural festival called "HINSPIRE" fully organized and executed well by the set of students. Many kinds of social works, awareness programs, supporting village peoples near to the college and cleaning of schools etc., had been carried out by the students.

Students are also actively participated in pandemic to create awareness about wearing mask, Hand Washing importance and served food for needy peoples.

The students are included as members in the academic body, Board of Studies and their views and suggestions are taken into consideration while framing and revising the Syllabi.

Their involvement in the activities of the Department, in organizing various co-curricular,

extracurricular events and Associations, increases their ability to organize and lead thereby enriching their holistic development.

The students also involve in the various clubs and committees actively functioning in the College.

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

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

51

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

Alumni Association

The idea of an alumni association arose from the demands of both academicians and professionals, with the goal of creating a connect between college life and professional life, so that recent graduates are prepared to confront the present problems of a competitive professional world. Both ends of the spectrum must work together to achieve the same goal. The concept became a reality, and the Alumni Association was formed.

The Alumni Association of Hindusthan College of Engineering and technology was formed on 02nd October 2016, named as "HINDUSTAN COLLEGE OF ENGINEERING AND TECHNOLOGY ALUMNI ASSOCIATION" (HICETAA) in the presence of Smt. Sarasuwathi Khannaiyann, Chief Patron., Mr. R. Kumar Raj, President., Mr. Murali Chandrasekaran, Secretary., Mr. P. Vasantha Seelan, Vice President., Mr. C.A. Jagadeesh, Treasurer., Dr. Ananda Moorthy, Coordinator other faculty members and many enthusiastic former students of the college.

MISSION:

• To reunite in the nest where we hatched and fled.

• To create a link between college life and professional life

• To give fresh bachelors with work chances through professional recommendations.

• To provide students with orientation and training programmes on a variety of topics in order to improve their skills.

• To provide a venue for students to hone their skills.

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	E. <2 Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Vision

To become a premier institution by producing professionals with strong technical knowledge, innovative research skills, and high ethical values.

Mission

1. To provide academic excellence in technical education through novel teaching methods.
2. To empower students with creative skills and leadership qualities.
3. To produce dedicated professionals with social responsibility

Nature of Governance:

HICET aims to provide an excellent experience for everyone by providing value-based education and a serene ambiance to feel completeness in the teaching-learning process. The policies are made cautiously to ensure transparency and to provide equal importance for students, faculty members, and stakeholders in the decision-making process.

Perspective plan:

HICET believes that the foundation for its development strongly lies in

1. Effective & Creative teaching-learning methodologies
2. Research and Development
3. Self and lifelong learning

4. Creating entrepreneurs for the betterment of the society

Teachers in the decision making bodies

The teaching fraternity has the privilege of major decision making particularly in designing the academic course structure, general discipline, and maintaining the appropriate atmosphere for study and research. The faculty members are encouraged to update their subject knowledge constantly. Faculty members play a major part in the Academic Council, Standing Committee, Board of Studies, and Administration.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://hicet.ac.in/objectives

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

Principal Level

The principal is the Head of the institution, Chairman of Academic Council, Ex-Officio Member Secretary of Governing Body and Chairman of Finance committee and IQAC. The principal nominates members for all statutory and non-statutory policies and incorporates the suggestions provided by different committees that include administrative heads and faculty members. Policies are implemented after being proposed and receiving approval from the Governing Body. The principal is the Chairman of all clubs and committees.

Administrative Heads of Various Departments

The Heads of the Department are the Chairpersons for the Board of Studies of respective departments. HoD ensures the curriculum and syllabi are being designed to accomplish the requirements of industry needs. The HoD receives course requirements from all stakeholders to frame the curriculum and syllabi.

Faculty Level

Faculty members prepare the course content and other

requirements for students to learn the course in an effective manner. The faculty members are performing the role of either class advisor or class tutor to care for the students intensively.

Students Level

We provide ample opportunity to the students to practice and improve their leadership qualities and coordinating skills. Apart from that students are actively involved in different clubs and committees as per their interest.

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://hicet.ac.in/campus-life

6.2 - Strategy Development and Deployment

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

Creative Digital Teacher: ICT tools help to improve the quality of the teaching-learning process by increasing student motivation, connecting students to a variety of knowledge sources, supporting active in-class and out-of-class learning settings, and allowing instructors to devote more time to facilitation. As a result, many educators are turning their attention to the use of ICT tools in the teaching and learning process. Students' drive, self-confidence, and self-esteem to learn are all boosted by these technologies. Furthermore, modern technologies often encourage independent and active learning, making students feel more responsible in their own education. A large body of study on the role of ICT in modernizing learning and teaching has prompted attempts to use these technologies in order to improve educational quality, flexibility, access, and affordability. Due to the Covid pandemic situation, the classes were conducted via an online platform (Google classroom). To empower the faculties to effectively conduct online classes, workshops on ICT tools with hands-on training were provided to ensure an involving teaching-

learning experience. In connection, a dedicated official YouTube channel named 'Hindusthan College of Engineering and Technology' was established to upload the E-content developed using ICT tools by the faculties of all departments.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://www.hicet.ac.in/iqac
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.

Hindusthan College of Engineering and Technology has supportive management with a team of dedicated stakeholders which functions in an organized structure. The Institute aspires to be a part of the country's socio-economic progress with the guidance of the Management, Chief Executive Officer, and Principal.

Through the engagement of external members in various Committees/Boards, the organizational structure lends itself to sustaining institutional capacity and educational efficacy. It examines the institutional strategic plan, which specifies the financial and recruitment strategies as well as the institution's academic goals and objectives. Members of several committees formed by the institute include various stakeholders. At the right levels of the organizational structure, decisions are taken. Through independent flexibility for departments/committees and a participatory decision-making process, an optimal amount of decentralization is achieved.

Apart from these statutory bodies, there are certain non-statutory bodies that take care of all different roles/activities which are taking place inside the college premises. Also, Peer committee meetings, tutor ward meetings, and parent-teachers meetings are conducted often to add their role in the institutional activities. In every respect, feedback analysis is conducted to have transparent governance and continuous improvement in the quality of the institution.

File Description	Documents
Paste link to Organogram on the institution webpage	https://hicet.ac.in/files/organogram.pdf
Upload any additional information	View File
Paste link for additional Information	https://hicet.ac.in/files/HR-POLICY.pdf

6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination	**A. All of the above**

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

6.3 - Faculty Empowerment Strategies

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

The institution has a strong certainty that the overall well-being of an individual contributes to sustainable growth. This policy highlights the benefits provided to employees.

- **Yoga is offered for mental and physical wellbeing.**
- **Women Empowerment cell arranged guest lecturers to empower women skill-sets.**
- **The Institute having own Hospital, Dispensary inside the college, Staff offered concessions and free medical camps.**
- **Maternity benefits in terms of medical leave, finical support given to the faculties.**
- **Group insurance was taken to all faculties.**
- **All non-teaching faculties can use ESI benefits.**
- **Department of Physical Education arranged Sports activities and gym facilities for staff.**

- o **Faculties are awarded for their achievements during Teachers Day.**
- o **Transport fee waiver given for all staff.**
- o **Career advance training programs conducted to all staff.**
- o **Promoteresearch work, Higher education support, Industry enabled training, on-duty, lab facilities, and research fund given to them.**
- o **Staffs are encouraged to publish journals the publication charges, NPTEL, and Patent financial support were given by the institution.**
- o **R&D incentives provided to faculties.**
- o **Staff quarters available.**
- o **Summer vacation shall be given to the entire staffs on rotation basis.**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://hicet.ac.in/campus-life

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

23

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

46

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.)

247

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 conducts regular internal and external financial audits. The Internal Audit is conducted once in two months and the detailed report is submitted to the Account Executive Officer of the Trust. Once a year Annual Statutory Audit is conducted and the report is submitted to the Trust.

Internal Audit

An Executive Officer appointed by HINDUSTHAN EDUCATIONAL TRUST under which the college functions, verifies all the bills, payments, receipts, vouchers of the transactions, cash books, ledger account reviews that are carried out in the past three months. The substantive procedure is adopted to check the correctness, completeness, and validity of the data. Based on the audit, the report is prepared and submitted to the management.

External Audit

The auditor appointed by the Trust performs an Annual Statutory Audit of the financial statements of the college. The financial records are audited by a Chartered Accountant at the end of each fiscal year and the audited statements of income and expenditure, balance sheets are certified. The auditor verifies if the items of revenue, expenditure, and items of assets and liabilities get reflected in the income and expenditure account and balance sheet as per the requirements.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://hicet.ac.in/aqar/Criterion VI/6-4-1/6-4-1-INTERNAL-AUDIT-REPORTS.pdf

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

06

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

Resource Mobilization

The maximum resource mobilization is through tuition fees, R&D Funding, Donations, Management support, and miscellaneous income.

Utilization

Adequate funds are allocated to introduce innovative teaching-learning practices

- Based on the budget requirements, funds are allocated and utilized by the clubs, NSS, and NCC to conduct

activities. Funds are allocated to the associations and departments to conduct seminars,

- FDPs,
- Workshops and conferences.
- Staff salary
- Examination Charges
- Staff and student welfare expenses
- Maintenance of the building and infrastructure.
- Procurement of lab consumables, LCD projectors, Laptops, etc.
- Awards for students and staff members
- Establishing a green campus
- Seed money to conduct research activities
- Scholarship from government and non-government agencies
- Funds from the Government and non Government sponsoring agencies are optimally utilized for the conduct of seminars and workshops

The funds mobilized are utilized according to the provisions of management and other funding agencies. After utilization, a Certificate of utilization is obtained from a qualified auditor to be submitted to the funding organizations. The surplus generated from income over expenditure is transferred to the capital fund of the college.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://www.hicet.ac.in/iqac

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)

1. Digital Teaching-Learning Process (TLP) has been introduced
2. Significant number of faculty member take part in Faculty Development Program (FDP) and Online Courses conducted by AICTE ATAL FDP / NPTEL/ Coursera etc to enrich their teaching learning skill
3. Faculty members are motivated to publish their work in

referred journals like Web of Science/Scopus etc

4. Institutional Infrastructures were strengthened in all aspects like Networking Systems, ICT enabled class rooms and play grounds

5. According to the current Industry Need (State and National Wide) curriculum was strengthened by all departments

6. Institution has signed MoUs with various Organizations, Industry Sectors at National and International level

7. The Management offers Seed Money to encourage the faculty members to do innovative research

8. Every year the proposals are received from the faculty members and based on the quality, societal need and innovativeness of the proposals the Seed Money is sanctioned

9. To inculcate lifelong learning, faculties and students to complete one course per year in self-learning mode through online portals like NPTEL, SWAYAM, COURSERA etc

10. Campus digitalization through "eCampus" and continual improvement, the college has introduced, online fee payment, collection of online feedbacks, online attendance and lesson plan entry etc.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.hicet.ac.in/iqac

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

It is suggested by the IQAC members to maximize the use of ICT resources in every department of the Institute. More emphasis was given to utilize the digital classrooms which are enabled with LCD projectors with internet connection and digital contents to enhance the teaching-learning process. The institution, under its autonomy status has adopted the OBE in the UG/PG syllabus in which the prime importance is to the assessment and attainment of the learning outcome. Based on the COs drawn up, a teaching methodology evolving traditional methods, ICT tools, seminars, internships, projects and a host of other activities are being carried out. The CIA tests are conducted periodically. 25% weightage is allotted for internals, the components of which are assignments, seminars

and the test marks are converted to 25% weightage. After the completion of 90 days, End-of-Semester Examinations are conducted on all courses. The COs are assessed from these assessment patterns. The result of CO attainment is used to evaluate the attainment of Programme Outcome. The CO marks for each student scored against each CO would be tabulated and the different scores indicate the various attainment level. Google and other digital Platforms are invariantly and extensively used to conduct online classes to benefit the students during the pandemic situation. Frequently regular class evaluations and assignments were designed using these platforms to validate the learning levels of the students.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.hicet.ac.in/iqac

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)	A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	https://hicet.ac.in/files/Hicet-annual-report-2020-21.pdf
Upload e-copies of accreditations and certification	[View File](#)
Upload details of quality assurance initiatives of the institution	[View File](#)
Upload any additional information	[View File](#)

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

In Hindusthan College of Engineering and Technology (HiCET), Coimbatore Gender Equity Policy is one of the main objectives from its inception. The logo of the institution itself is being designed with an intention to ensure the equality between the genders. The institution facilitates a number of gender responsive activities. Gender equity is successfully implemented and maintained here with more responsibility from administrators' level to student's level. Gender equality and equity aims at ensuring both woman and men are considered equal and treated equally in terms of dignity and rights.

To develop gender equity among girls the programmes like Developing Positive Thinking and Patience, Program your mind, How keep your dreams and aspirations keep you going, Ways becoming a responsible youth were conducted by out Student Counseling Centre of our College. The girls' students are properly monitoring by the class advisors and counseling is frequently given by the Doctor frequently visiting our campus.

Our college has the proper mechanism for the prevention of sexual harassment, enhance self – confidence among women students through proper security system like separate restroom for girls, suggestion boxes, CCTV cameras installed in most of the locations. Anti-ragging committee aims to ensure ragging free campus.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	http://hicet.ac.in/aqar/Criterion VII/7-1-1/7-1-1-Gender-Equity-Policy.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)

Today's environmentally challenging atmosphere, management of degradable and non-degradable waste assumes paramount importance. We in our institution take active role to address waste management issues.

1. Liquid Waste Management

'Save water, and it will save you'. Water conservation isthe practice of using water efficiently to reduce unnecessary water usage. To conserve the water resources, our institution has been incorporated water recycling plant. The plant is converting the sewage water from hostel and other parts in to usable form. The recycled water is using for agriculture purpose in our campus.

2. Solid Waste Management

To avoid the perishablity of food waste from Hostels and Canteens the institution has made an agreement with Velliangiri Piggery Farm. The collected waste foods from Hostel and Canteens were supplied to the Farm as pig feed. The paper wastes collected were supplied to Rajam Enterprises for recycling. The other solid waste collections have been converted in charcoal can be used as a fuel.

3. Bio-Medical Waste

To manage hygiene among the girl's students Sanitary Pad Incinerators were installed in girls hostel has been used to destroy the waste related to women's health issues.

4. E-wasteManagement

To protect the environment from the unused electrical and electronics materials, our institution has been taken a plan of activity to manage E-waste material. The institution has made an agreement with Green Era Recyclers to collect the E-waste materials. We have installed E-Waste dust bin in various

location and collected the E-waste material from student and staff. The collected E-Wast materials were dispatched to Green Era Recyclers and Certificate also obtained for the disposal of E-waste from our institution.

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	**No File Uploaded**

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:	**A. Any 4 or all of the above**

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).

To promote tolerance and harmony in the college we do various initiatives, one of the initiatives is to celebrate festivals of our state and neighboring states. We celebrate Pongal, which is the harvest festival of the state. Onam is also the harvest festival of Kerala, which we celebrate with much fanfare in our college.

We also inculcate inclusiveness with our curriculum by providing open elective courses like human rightsand values. To develop good relationships with the student community, we follow a mentor-mentee system. This system helps the students to perform well in academic as well as personal life.

We have a vibrant NSS team which serves rural areas near our institution. They performed a lot of activities like medical camps, covid vaccination camps, area cleaning and planting of saplings. We also joined hands with rotary clubs and did covid assistance activities. Regarding linguistics, our Tamil mandram conducts various competitions like debates and poem writing etc.

Our institution started the National cadet corps with an army wing in the year 2018 and Air Force wing in 2019. All student of the institution have equal opportunity in joining NCC and both male and female students are equally motivated to join NCC.

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:

To sensitize the students on constitutional obligations certain courses are designed and offered to the students during their course of study. Courses titled "Indian Constitution", "Essence of Indian Traditional Knowledge" "Indian Constitution and Political System" "NCC General and National Integration" "Fundamentals of Yoga" "Human Values" "Environmental Studies" are offered to Engineering students under Regulation 2021 and courses namely "Rural Innovation project", "Social immersion project", "Indian Ethos and values" are offered to MBA students to inculcate values and make students understand their constitutional rights, duties and groom them as responsible citizens.

Independence Day and Republic day are celebrated in the campus to sensitize the students and employees on the constitutional obligations. During celebrations, Indian National flag hoisting ceremony takes place in the permanent flagpole, followed by parades by the NCC team and planting of saplings. Constitution day, Voters day, Anti terrorism day, World Habitat Day International Yoga Day, world environment day, National Cancer awareness day, Fit India Run and various important and notable days are celebrated and various programmes were conducted in the institution to sensitize students and make them responsible citizens. Our faculties and students regularly take part in blood donation camps, Swachh Bharat and various awareness rallies.

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 | B. Any 3 of the above

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

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

In Hindusthan College of Engineering and Technology, we consider celebration of National & International commemorative days as an important duty in instilling pride and confidence among our student's community. We strongly believe all those occasions will serve as a transformation opportunity for the students. We take sincere efforts in celebration of following events.

- **12th January – National youth day is celebrated to initiate Swami Vivekanada's Motivational Principles**
- **15th January – National Army Day is celebrated on remembrance of General Field Marshal Kariappa**
- **24th January – National Girl Child day is celebrated to praise the girl child**
- **25th January – Voter's day is celebrated to raise the awareness**
- **26th January - Republic Day of India is celebrated to impart democratic values among the student community**

- 28th January – Punjab Kesari Lala Lajapathy Rai birth day is celebrated
- 29th January – Our freedom fighter Subhash Chandra Bose birth day is celebrated
- 30th January – Leprosy day is celebrated
- 2nd February – World wetlands days is celebrated by nature club
- 4th February – World Cancer Days is celebrated to give the awareness about Cancer
- 28 February - National Science Day is celebrated to kindle the research insights among the student community
- 8th March - International Women's Day is celebrated to impart our traditional values and cultural heritage and create gender equality
- 22nd March – World Water Day is celebrated
- 14th April – Our Constitutional Pillar Dr.Ambedkar's birth day is celebrated
- 22nd April – World Earth day is celebrated
- 23rd April – World National English day in commemoration of English poet Shakespeare
- 5th May – Anti terrorism day is celebrated
- 15th August - Independence Day of India is celebrated to impart patriotism towards the students
- 5th September - Teachers' Day, is celebrated on the birthday of Dr.Radhakrishnan Pillai, the epic teacher
- 15th September - Engineer's day in India is celebrated to give the tribute to the great scientist M. Visveswaraya
- 2nd October - Mahatma Gandhi birthday is celebrated as International non-violence day which gives importance to the Ahimsa principle
- 15th October - World hand washing Day to promote the habit of hand washing with soap for prevent covid-19
- 15th October - APJ Abdul Kalam Birthdayto pay the tribute to our former President
- 17th October – International Day for Eradication of Poverty is celebrated to impart the value of food balance
- 24th October – United Nations day is celebrated to understand the importance of joining together
- 31st October - World Thrift Day, is celebrated to impart the values for saving and financial security of individual and nation as a whole
- 11th November – National Education day is celebrated on the birth anniversary of Maulana Abdul Kalam Azad
- 14th November - Children Day (Jawaharlal Nehru birthday) celebrated on the birth anniversary of former prime minister Jawaharlal Nehru

Based on these days various competitions and webinars are conducted. Quiz competitions are organized for National Youth day, National army day, and webinar was conducted for world health day, speech competition was conducted for children's day, drawing competition was organized for republic day.

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

7.2 - Best Practices

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

Title of the Best Practice 1: 'Value added courses'

Objectives of the Practice:

We intend to equip students to become expert in upcoming technology. Majority of the departments have been conducting value added courses in their respective domains. Value added courses are now considered to be primary importance for students learning outcome. These courses help or aid students in their employability and their skill-oriented profession. Value added courses are introduced in the extracurricular domains in our course structure and we insist upon all students to undergo the courses compulsorily. It gives awareness for inter planer training, implant training and placement.

The Context

Formulation of value-added courses is done by chairman of Board of Studies in consultation with the member of Board of Studies in the respective departments. While formulating the courses the faculty team takes into consideration of the longevity of the specific courses. They also look into the availability of the course trainers and the logistical arrangements.

The Practice

Value added courses offered by various departments are as follows:

1. Aeronautical Engineering Department
   1. Mesh tools for industrial application
   2. CATIA Industrial Application.
2. Agricultural Engineering Department
   1. Testing and Evaluation of Agricultural Machinery and Equipment
3. Automobile Engineering Department
   1. Automotive Vehicle Fault Diagnostics
4. Biomedical Engineering Department
   1. Java and Lab view GUI Programming with Real- time Application .
   2. Innovation in biosensor applications using labVIEW
5. Chemical Engineering
   1. Bulk solid handling for chemical engineers
6. Civil Engineering Department
   1. Autodesk Revit Architecture.
7. Computer Science Engineering
   1. Computer Hardware and Networking
   2. Database Using SQL.
8. Electronics and Communication Engineering
   1. Arduino & Raspberry Pi
9. Electronics and instrumentation Engineering
   1. Object Oriented Programming Using JAVA
10. Electrical and Electronics Engineering Department
    1. Lab view programming.
11. Food Technology
    1. Food product Development
12. Information Technology Department
    1. Database Using SQL, Computer Hardware and Networking and Android
    2. Development with Kotlin, the Complete REACT Native
13. Mechanical Engineering Department
    1. Introduction to MS office
    2. Computational fluid dynamics.

All the courses conducted under value added courses are skill-oriented and all the courses are most important in the context of employability, skill development, and serving as stepping stones for the institution and entrepreneurship journey.

Evidence of success:

We made value-added courses as a component of co-curricular

activity. These courses are handled by expertsfromin-house faculty members who have been trained in that area. The courses are done with assignments or assessment methodology. At the end of the course, there will be a certification based on various assessment methods adopted by the trainers. During certification, the students will possess the knowledge as envisaged by the objective of the courses. The result is based on the target and benchmark set by the industry.

Problems encountered and Resources Required:

A crucial challenge faced in the stream of value-added course is about trainers' availability and time factor. These courses are conducted with the support of college management in the interest of the student community. In some specific incidence, we can also support the trainers in the infrastructural amenities.

Title of the Best Practice 2: ``Social awareness and Society enrichment'

It is yeoman responsibility of the educational institution to inculcatetheideaanditsimportanceofSocialawareness and Societyenrichment. In this present scenario students are very powerful to implant an idea of Contributiontosociety. Inevery point of view government is taking care of its people. Government cannot work in all fields to do social good and fulfil the expectation of the people. It is the duty of the citizen to have participation with government for socialupliftment. Keepingthis, asthe Bedrockof the point, our institution is providing these programs for social awareness and society enrichment.

The Context:

We cater different segments of the population according to the needs. We provide service in the field of Healthcare, environmental science, Digital literary Computing skill, venture etc.. Our being an aggressive economy and vast social area to be developed, development cannot be equally distributed in all places of the country. This being the cracksofthechallenge, ourpresencein social awareness and society enrichment becomes very essential.

The Practice:

Our computer science engineering and information technology department together conducted Social awareness and social enrichment program related to digital learning for government school teachers and we have also conducted 11 programs in social awareness and social enrichment stream. All the programs are related to covid pandemic, environment science awareness, Preparing for computer exam, personality development, fit India Movement, Spoken English, women development, etc.

Evidence of success:

Our students have the opportunity to involve themselves and understand the concept of all the programmes organized under the Social awareness and social enrichment programmes. The programme will help them to become social wellbeing in upcomingdays. Outofthisenrichment, students have opportunity to withstand themselves to become social entrepreneur in future.

Problems encountered and Resources Required:

During covid pandemic, the challenges are plenty. We had to organize events on online mode due to social interaction being restricted by the government. There are also issues related to finding the people expert in the area of Social awareness and Society enrichment. There was also an opportunity to contribute to the social care during the pandemic. Our stakeholders being students it was very difficult to get permission from parents to be involved in social awareness and social enrichment programs.

File Description	Documents
Best practices in the Institutional website	https://hicet.ac.in/best-practice
Any other relevant information	http://hicet.ac.in/aqar/Criterion_VII/7-2-1/7-2-1-Any-other-relevant-information-Link.pdf

7.3 - Institutional Distinctiveness

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

HICET a 21-year-old HEI that is constantly introducing revolutionary practices in the field of higher education. It is ranked 31st in the country and 13th in the state. The institute is affiliated with Anna University in Chennai and was granted autonomy in 2016. College is recognized under Sections 2(f) and 12(B) of the UGC Act of 1956. We have always strived to be unique to bring out the best in every student by distinctively doing the following: a) Peer Group Committee Meeting: The student members count 6-10 of all categories such as average, weak, and good in academic, hostel, day-scholars, other states along with Dean-academics, class advisor and all subject handling faculty members of the current semester are the members of the group. The diverse categories of group members allow for 360-degree monitoring of students' academic engagement. b) Course Information Sheet prepared prior to the start of the course. The sheet is divided into twenty-three points. The major consideration in the CIS is that the weightage for each unit's contents is analyzed using multiple factors. c) Dynamic SAE (Society of Automotive Engineering) Professional Club to encourage students' talent and sharpen their leadership, teamwork, and management abilities. SAE Professional Membership Club that promotes professional growth by giving members access to leadership and career-building opportunities.

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

7.3.2 - Plan of action for the next academic year

- Obtaining NBA accreditation for departments (AERO, MECHATRONICS, CIVIL, and AUTOMOBILE).
- To progress in the NIRF and AIRA rankings.
- To increase placement achievement to 75%.
- Increase the number of Memorandums of Understanding with well-known companies and institutions.
- Conducting the energy, green, and environmental audit on a regular basis.
- To improve the structure of e-waste management.
- Institution Innovation Council's (IIC) efforts to be improved.
- With the construction of an idea lab, faculty and

students will be motivated to involve in research activities.

- To encourage the conduct of Toyathon, Smart India Hackthon, and other similar events.
- To reapply and achieve an A++ grade in the NAAC next cycle.
- Introduce more IBM-powered Artificial Intelligence and Machine Learning, Data Science, Networking, Cloud Computing, and other industry-specific/integrated courses.
- To increase consultancy and funded projects.
- To encourage PG students to publish their findings in journals those are indexed by Scopus or Web of Science.