YEARLY STATUS REPORT - 2021-2022

Part A	
Data of the Institution	
1.Name of the Institution	Hindustan Institute of Technology and Science
• Name of the Head of the institution	Dr. S. N. Sridhara
• Designation	Vice Chancellor
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no	04427474262
• Mobile No:	9840540404
• Registered e-mail ID (Principal)	vc@hindustanuniv.ac.in
• Alternate Email ID	iqac@hindustanuniv.ac.in
• Address	Post Box No.1, Rajiv Gandhi Salai (OMR), Padur,Kelambakkam
• City/Town	Chennai
• State/UT	Tamil Nadu
• Pin Code	603103
2.Institutional status	
• University:	Deemed
• Type of Institution	Co-education
• Location	Rural

• Financial Status	**Private**
• Name of the IQAC Co-ordinator/Director	**Dr. T. SudalaiMuthu**
• Phone no. (IQAC)	**04427474262**
• Mobile (IQAC)	**9786143504**
• IQAC e-mail address	**iqac@hindustanuniv.ac.in**
• Alternate e-mail address (IQAC)	**tsmuthu@hindustanuniv.ac.in**
3.Website address	https://hindustanuniv.ac.in/
4.Website address (Web link of the AQAR (Previous Academic Year)	https://hindustanuniv.ac.in/iqac_hits.php
5.Whether Academic Calendar prepared during the year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	https://hindustanuniv.ac.in/

6.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**A**	**3.3**	**2016**	**16/09/2016**	**31/12/2022**

7.Date of Establishment of IQAC	**01/11/2012**

8.Provide the list of funds by Central/ State Government-UGC/ICSSR/ IUCTE/CSIR/DST/DBT/CPE of UGC/PMMMNMTT etc.

Institution/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount
Nil	**Nil**	**Nil**	**Nil**	**Nil**

9.Whether composition of IQAC as per latest NAAC guidelines	**Yes**
• Upload latest notification of formation of IQAC	View File

10.No. of IQAC meetings held during the year	**3**
• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?	**Yes**
• If No, please upload the minutes of the meeting(s) and Action Taken Report	No File Uploaded	
11.Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**
• If yes, mention the amount	

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

1. Enrichment of teaching learning practices through innovative methods and pedagogy 2. SWOC Analysis in various verticals such as academics and administration with effective action plan 3. Enhanced the MOOC certification among the faculty and students 4. Quality assurance through regular audits for academic and administrative activities 5. Prepared the faculty towards NEP 2020 curriculum

13.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year (web link may be provided).

Plan of Action	Achievements/Outcomes
NBA accreditation for five departments	Accreditated
Facilitating and Monitoring teaching learning practices	Average PO attainment is improved from 75.32% to 79.64%
To conduct Internal Academic Audit for all Departments	Academic Audit for all departments have been done twice and corrective actions are recommended
Enrichment of students competency through MOOC	MOOC courses were offered as department electives to enrich their skills
Enrichment of students competency through skill enhancement training	Student placement improved from 75.9% to 79.5%
Framework for NEP 2020 curriculum	The framework for NEP curriculum was approved in ACM and to be implemented for the academic year 2022-23
Flexible and Innovative Assessments	Average pass percentage improved from 85% to 88%
Introduction of new programmes in Liberal Arts and Applied Sciences	Introduced 2 programmes in Liberal Arts and Applied Sciences

14.Whether the AQAR was placed before statutory body?	Yes

- Name of the statutory body

Name	Date of meeting(s)
Academic Council Meeting	06/08/2022

15.Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to Assess the functioning?	Yes

16.Whether institutional data submitted to AISHE

Year	Date of Submission
2022	31/03/2022

17.Multidisciplinary / interdisciplinary

Hindustan Institute of Technology and Science is following Choice Based Credit System from the inception as Deemed to be University. The curriculum has reserved about 45% of total credits for Electives for the students to choose from the listed verticals.
These verticals are identified by the program offering departments based on the inputs received from Industrial Experts, Renowned Scientists, Alumni and other stake holders through Board of Studies. The electives are usually of multi-disciplinary in nature.

The curriculum is designed to accommodate Professional Electives and Non-Departmental Electives to address the requirement of multidisciplinary course contents in every program. Every student from third semester to seventh semester is encouraged to take up one course related to his/her area of specialization as professional electives offered by the host department. In addition, the students are given a choice to take up non departmental electives offered by other departments. This helps in the holistic approach by providing a choice based credit system supporting multidisciplinary course structure.

The curriculum also offers courses on vernacular languages, foreign languages and performing arts. The curriculum of all Engineering and Technology have ben redesigned according to NEP -2020 with effect from 2022-23 and all the recommendations made in NEP have been implemented.

18.Academic bank of credits (ABC):

Academic Bank of Credits has been established on the lines of the National Academic Depository (NAD), in the sense, NAD is the backbone of ABC, where the students academic data are held and academic awards are stored (i.e. storehouse of academic awards). Our Institution has registered in the Academic Bank of Credits via National Academic Depository (NAD). Hindustan Institute of Technology and Science has completed the registration in NAD portal and our request for participation in Academic Bank of Credits is approved. Step by step procedure for creating students' ABC account ID was prepared and circulated to the students. Students have created ABC IDs. Around 750 ABC IDs were uploaded in NAD. The uploading of Grade sheet details is in progress.

The Institution has a standard procedure for credit transfer applicable to students getting transferred from other National and International Educational Institutions. Introduction to ABC has facilitated authenticated verification of credits earned by students who seek transfer from other institutions to join as transfer candidates into our institution. This also facilitates multiple entry and multiple exit scheme as proposed in the National Education Policy. This institution has started the process of registering our students details in the National Academic Bank of Credit.

19.Skill development:

In the new curriculum, more than 50% courses are turned to the 'theory cum practical' courses to ensure the skill training in relevant field. New laboratories have been established and few have been upgraded to meet the requirement of skill training in nisch areas. The courses such as 'Fab Lab', 'Design Thinking' and 'Design Projects' added to increase the practical learning and skill enhancement for the students. Hindustan Institute of Technology and Science has also taken initiatives to train the students in various disciplines of their interest/specialization. The institution has ventured into Memorandum of Understanding with industries and overseas higher Education Institutions. The department of Automobile Engineering has set up a state of art facility in association with Royal Enfield to train our students on automobile assembly and maintenance. These courses are handled by professionals from Royal Enfield Ltd. The department of Computer Science and Engineering offers courses in collaboration with IBM and Cisco for providing training and value addition programs to the students. Every department ensures enough participation of industry experts in the Board of Studies for framing the syllabus as per the current industry requirement. The institution houses a separate centre with name Hindustan Technology Business Incubator (HTBI) & Hindustan Entrepreneurship and Innovation Centre (HEIC) which focuses on developing the technical skills, innovative ideas and Business models.

In addition, the curriculum supports practical integrated courses, where the students learn by doing. This ensures that the students learn the basics and apply it to the relevant field of study. In addition, every department is encouraged to have design project laboratory courses. In this the students work as a team, conceive ideas and develop prototype working models. The curriculum also has courses on developing the Entrepreneurial skills and honing their professional communication skills. In addition periodic workshops

are conducted, which focus on hands-on training in the latest cutting edge technologies. This ensures that the students are industry ready and can adapt to the changing needs of Industries and Corporates.

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

Hindustan Institute of Technology and Science encourages students to enrol in online courses offered by various organisations like NPTEL and SWAYAM. Students are provided with opportunities to choose electives from a list of NPTEL/SWAYAM courses approved by the institution after examining the course equivalence and domain of interest. One staff member is allotted for each NPTEL/SWAYAM course for facilitating students in learning and in completing the assignments and quizzes. Students completing the online courses will receive credits for the same. The credit score obtained is transferred to the grade sheet of the student with due weightage to the transferred credits.

The institution provides various elective courses on performing arts and students were encouraged to attend various co-curricular and extracurricular activities. The institution also conducts periodical cultural events. The institution has a separate music band and dance groups and drama clubs. Our institution has students from widespread demography coming from various parts of the country and outside our country. Towards appreciating the diversity of Indian culture and languages, the institution has appointed professors for Indian languages including Tamil, Telugu and Hindi. A course on regional languages is made mandatory and students are encouraged to learn the regional languages of various states of the country. It is observed that students showed keen interest in learning other regional languages. During this course, they also have classroom discussions and video clippings about the lifestyles and cultural practices of various regions of India.

Our Institution is in the process of establishing a centre to promote the Indian Knowledge System.
? Facilitate and coordinate IKS based/related inter and transdisciplinary work done by various institutions in India and abroad including universities, institutions of national importance, R&D laboratories and different ministries and inspire private sector organizations to engage with it.
? Establish, guide and monitor subject-wise interdisciplinary research groups of researchers from institutes, centres and individuals.

? Create and promote popularization schemes.
? Facilitate funding of various projects and develop mechanisms to undertake research.
? Make Policy recommendations wherever required for the promotion of IKS.

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

Hindustan Institute of Technology and Science started practising Outcome Based Education in the year 2012. The curriculum and syllabus framed in the regulation 2012 has defined outcomes for all subjects in the curriculum. The teaching, learning and evaluation techniques are tuned as per the outcomes in order to ensure the outcomes are achieved. Attainment of individual outcomes are measured after the evaluation process and appropriate corrective actions are initiated.

The curriculum was revised periodically and more emphasis and focus were given to enhance the implementation of Outcome Based Education. Periodic training by experts from renowned Educational institutions such as IIT and NITTTR was given to the faculty. In addition, our faculty also undergo residential training cum workshop conducted by IIT Madras and NITTTR Chennai.

During the curriculum design process, the Program Objectives and Program outcomes are well defined. In line with this, the curriculum and syllabi are framed. Each course has a well defined course objective and course outcome. Every assessment, classroom activity and other exercises/experiments are mapped to the respective course outcomes. The outcome attained is measured and necessary corrective actions are recommended for the forthcoming batches of students. The faculty also periodically meet and discuss in their course committee meeting on the performance of students and the attainment of course outcomes. For every batch of outgoing students the course outcome obtained is mapped to the program outcome attainment matrix. This enables the faculty and the management to further fine tune the curriculum and syllabi to have a focus and achieve the expected outcome of the programme overall.

All faculty maintain their course files and the question papers also mention the course outcome expected from each assessment question. This helps the faculty to focus on the course outcomes which are attained to the predefined target level. The faculty are encouraged to have additional activities in the class to ensure that the students are well trained to reach the expected course outcome thereby achieving the overall program outcome.

22.Distance education/online education:

The renowned Hindustan Group of Institutions in its non-stop

endeavor to be at the forefront of quality education has proudly launched HINDUSTAN ONLINE - CODE (Centre for Open and Digital Education). In the wake of the National Education Policy 2020, India is experiencing an important shift in education and Online programs have successfully catered to the need of the hour by providing highly revered qualifications to both aspiring students and working professionals.

HINDUSTAN ONLINE - CODE offers specially designed programs with well-researched curricula to reduce the industry-academia gap. This makes our learners more employable in this highly competitive world. The programs are all contemporary with a well-curated and well-researched curriculum. Our programs do not just provide the theoretical learning of concepts, but we focus on the practical application of these concepts by following Outcome Based Learning concepts. HINDUSTAN ONLINE - CODE aims at reforming the Indian Higher Education landscape through the provision of equitable and inclusive learning opportunities, contributing to a significant increase in enrolment.

Extended Profile

1.Programme	
1.1 Number of programmes offered during the year:	**68**
1.2 Number of departments offering academic programmes	**19**
1.3 Number of Programmes offered by DDE during the year	**6**
2.Student	
2.1 Number of students enrolled during the year	**6447**
2.2 Number of outgoing / final year students during the year:	**1747**
2.3 Number of students appeared in the University examination during the year	**6287**
2.4 Number of revaluation applications during the year	**230**
2.5 Number of employed learners enrolled at DDE during the year	**51**
3.Academic	
3.1 Number of courses in all programmes during the year:	**3596**
3.2 Number of full-time teachers during the year:	**673**
3.3	**726**

Number of sanctioned posts for the year:	
3.4 Number of full time teachers and other academics in DDE during the year	**21**

4.Institution	
4.1 Number of eligible applications received for admissions to all the Programmes during the year	**11430**
4.2 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	**2970**
4.3 Total number of Classrooms and Seminar halls	**191**
4.4 Total number of computers on campus for academic purposes	**1747**
4.5 Total expenditure, excluding salary, during the year (INR in Lakhs):	**10288.56**
4.6 Total number of rooms and seminar halls at DDE:	**6**

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

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

The curricula of all Undergraduate and Postgraduate programmes inclusive of Engineering and Technology, Arts and Science, Management, Architecture and Planning, Fashion, Law, Physical Education and Health Sciences are developed considering the local,

national, regional, and global developmental needs. The process of curricula development begins with the collection of feedback/suggestions from various stakeholders includes Industry experts, Academic experts, Alumni, Students, Staff and Parents. The stakeholders provide the feedback on the various vertical of requirements which include meeting the local, national, regional, and global developmental needs. The collected feedback is discussed in the Course Review Committee (CRC) and the suggestion / recommendation is submitted to Board of Studies (BoS). The BoS consisting of internal and external members including Alumni, Industry experts and External experts, review the suggestions/ recommendations and after appropriately incorporating the suggestions, submit the recommended curricula to IQAC for validation and verification; the same is then placed to Academic Council for approval. After the approval of ACM, the Registrar issues the implementation order to the concerned departments. The institution follows Outcome Based Education (OBE) and all the programmes have well defined and curated Programme Outcomes (PO), Programme Education Outcomes (PEO), Programme Specific Outcomes (PSO) and Course Outcomes (CO).

File Description	Documents
Upload Additional information	No File Uploaded
Link for Additional information	Nil

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

78

1.1.2.1 - How many Programmes were revised out of the total number of Programmes offered during the year

53

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	No File Uploaded
Any additional information	No File Uploaded
Details of Programme syllabus revision during the yea	View File

1.1.3 - Average percentage of courses having focus on employability/ entrepreneurship/ skill development offered by the University

79.4%

1.1.3.1 - Number of courses having focus on employability/ entrepreneurship/ skill development during the year

2857

File Description	Documents
Any additional information	**No File Uploaded**
Programme/ Curriculum/ Syllabus of the courses	**No File Uploaded**
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	**No File Uploaded**
MoU's with relevant organizations for these courses, if any	**No File Uploaded**
Average percentage of courses having focus on employability/ entrepreneurship (Data Template)	View File

1.1.4 - Electronic media and other digital components in the curriculum - Percentage of the Courses on offer that have incorporated electronic/digital media and other digital components in their curriculum delivery during the year

100

1.1.4.1 - Total number of the Courses on offer by DDE have incorporated electronic/ digital media and other digital components in their curriculum during the year

228

File Description	Documents
Details of Programmes incorporating electronic media and other digital components offered during the year	**No File Uploaded**
As per Data Template	View File
Any other relevant information	**No File Uploaded**

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced of the total number of courses across all programs offered during the year

194

1.2.1.1 - How many new courses were introduced during the year

194

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	**No File Uploaded**
Any additional information	**No File Uploaded**
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Percentage of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

100

1.2.2.1 - Number of Programmes in which CBCS/ Elective course system implemented

68

File Description	Documents
Any additional information	**No File Uploaded**
Minutes of relevant Academic Council/BOS meetings	**No File Uploaded**
Institutional data in prescribed format (Data Template)	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

The institution has given emphasis to Professional Ethics, Gender, Human Values,Environment and Sustainability into the Curriculum. The courses namley SustainableEngineering Systems, Professional Ethics & Life Skills are included as mandatorycourses in the curriculum. Professional Ethics: Professional ethics is an integral part of all Programmes offeredin the institution. Various programmes offer courses on Research Ethics, Global Ethicsfor Contemporary Societies, Law Ethics and, Applied Ethics- a MulticulturalApproach, and Mass Communication Culture and Ethics, International Finance, SocialResearch Methods, and Corporate Social Responsibilities. Gender: Courses such as Gender Studies, Women and Society, Women's

Issues,Economics of Gender, Gender and Intersectionality, Queer Ecologies, Gender andDevelopment that focus on issues relating to gender equity and social inclusion. Gender sensitization is offered as one credit courseto III semester students. The School of Law offers courses on Women and Laws, Childand Law, Anti-Corruption Laws and Environmental Laws. Human Values: The curricula include topics on human values such as respectinghuman dignity, tolerance, fraternity, sorority, affection, empathy, respect for othersamong others.Environment and Sustainability: Courses like Environmental studies, value education environmental studies, along with NSS, NCC, and Yoga,are promoted to reach in the minds of the students.

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of the courses which address the Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum	No File Uploaded

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

55

1.3.2.1 - How many new value-added courses are added during the year

55

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to value added courses	No File Uploaded
List of value added courses	View File

1.3.3 - Average Percentage of students enrolled in the courses under 1.3.2 as above

69

1.3.3.1 - Number of students enrolled in value-added courses imparting transferable and life skills offered during the year

4455

File Description	Documents
Any additional information	**No File Uploaded**
List of students enrolled	View File

1.3.4 - Number of students undertaking field projects / research projects / internships during the year

3992

1.3.4.1 - Number of students undertaking field project or research projects or internships

3992

File Description	Documents
Any additional information	**No File Uploaded**
List of Programmes and number of students undertaking field projects research projects/ / internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Structured feedback for design and review of syllabus – semester wise / is received from Students Teachers Employers Alumni	• **All 4 of the above**

File Description	Documents
URL for stakeholder feedback report	**Nil**
Action taken report of the University on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	**No File Uploaded**
Any additional information	**No File Uploaded**

1.4.2 - Feedback processes of the institution may be classified as follows	• **Feedback collected, analysed and action taken and feedback available on website**

File Description	Documents
Upload any additional information	View File
URL for feedback report	Nil

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Demand Ratio

2.1.1.1 - Number of seats available during the year

3960

File Description	Documents
Any additional information	No File Uploaded
Demand Ratio (Average of Last completed academic year) based on Data Template upload the document	View File

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

25.18%

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

748

File Description	Documents
Any additional information	No File Uploaded
Average percentage of seats filled against seats reserved (Data Template)	View File

2.1.3 - Average variation in enrolment of learners in the DDE during the year

141

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organises special Programmes/ have policies in place for different levels of learners

The institution has well defined process to assess the learning levels of the students at the beginning of semester. A well-structured bridge course is conducted for all the students as they come from heterogeneous background domains such as from various states and nation, different school curriculum, different languages, different cultures and family background. A two week of bridge course is conducted to normalize the heterogeneity among the students. The learning levels of each student have been assessed through a simple online test at the end of the bridge course.

The slow learners and fast learners are identified and mentored accordingly. The mentors have meetings with students to analyse the learning level and their learning requirements. They counsel, guide, and motivate them throughout the duration of the programmes to improve their learning levels. The learning levels of the students are re-classified at the beginning of each semester based on the performance of the previous semester. The mentoring system of the institution helps the students to choose their elective courses. The performance of the students is recorded in the mentoring diary and the same is reviewed each semester with the parents.

File Description	Documents
Paste link for additional information	Nil
Upload Any additional information	No File Uploaded

2.2.2 - Student - Fulltime teacher ratio (data for the academic year)

Number of Students	Number of Full Time Teachers
6447	673

2.2.3 - Reaching out to employed persons - Percentage of the employed learners who are enrolled during the year

36.1%

2.2.3.1 - Number of employed learners (including self employed) enrolled during the year

51

File Description	Documents
Number of employed learners authenticated by Registrar of the University	**No File Uploaded**
As per Data Template	*View File*
Any other relevant information	**No File Uploaded**

2.2.4 - Learners from Special Target Group: prison inmates - Average number of prison inmates enrolled as learners during the year

0

2.2.4.1 - Number of prison inmates enrolled as learners during the year

0

File Description	Documents
Number of prisoners enrolled authenticated by Registrar of the University	**No File Uploaded**
As per Data Template	**No File Uploaded**
Any other relevant information	**No File Uploaded**

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

Hindustan Institute of Technology and Sciences (HITS) has always appreciated and acknowledged the incorporation of hands-on experiential teaching methods to encourage young minds to co-opt the fun quotient in learning, ultimately contributing to the overall EQ of learners. Such experiential methods instill and foster problem-solving abilities in young learners at the threshold of their professional lives. Through the past few years, different departments across faculties have inspired and motivated students to involve themselves in public, professional, and even domestic spheres of life through several departmental activities and programs, as part of their course curricula and extension activities. In Engineering and technology, departmental faculty members have actively involved students and researchers in innovative projects undertaken to address the practical needs of society. For instance, students of the Department of Mechatronics lately have been actively involved in assisting Dr. D. Dinakaran, a Professor of the Department in developing a special robotic system,

to facilitate access and delivery of essentials to patients admitted in dedicated Covid 19 wards during the pandemic.

File Description	Documents
Upload any additional information	**No File Uploaded**
Link for Additional Information	**Nil**

2.3.2 - Teachers use ICT enabled tools including online resources for effective teaching and learning processes during the year

HITS has successfully responded to sea changes in technology-enabled learning across academic institutions in our country. Since the university mostly offers postgraduate and Ph.D. programs, digital resources are indispensable to cater to the vast demand for reading and reference archives. However, on the level of the teaching infrastructure, old and poor hardware, and inadequate technical support staff sometimes limit digital teaching and dissemination of resources. HITS has taken the following steps:

Exploration of free online resources amidst paucity of resources and funds: Many departments are encouraging students to learn the basic uses of free wares and software like MATLAB and LABVIEW.

Online Learning Management System: The Covid-19 pandemic was an eye-opener for the Hindustan Institute of Technology and Science for a self-evaluation of its sensitivity to the importance of Online teaching and learning among students across diverse economic and geographical spectra. The university has successfully developed an Online Learning Management System to promote and enable online teaching and learning during hours of national crisis in 2020.

File Description	Documents
Upload any additional information	**No File Uploaded**
Provide link for webpage describing the " LMS/ Academic management system"	**Nil**

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

2.3.3.1 - Number of students assigned to each Mentor

15

File Description	Documents
Upload during the year, number of students enrolled and full time teachers on roll	No File Uploaded
Circulars pertaining to assigning mentors to mentees mentor/mentee ratio	No File Uploaded

2.3.4 - Development of Self-Learning Material (SLM) in Print

Hindustan Institute of Technology and Sciences in the recent past has adopted a thoroughly professional approach to the preparation of Self Study Materials for its Distance Education Programs The course materials are developed bearing in mind all the guidelines stated (SOP attached). Basically, SLM is Self-explanatory, self-contained, and illustrative with easily comprehensible and manageable modules such as units and blocks. Each unit contains clearly stated objectives such as:

· Intended learning outcomes

· Study guidance

· Advice to learners for optimal utilization of the material

· Suggested further readings.

· Linkage of digital material within the text

The self-learning material has been developed in defined formats as stated in the guidelines. The template for each lesson/chapter of a Unit is clearly followed as mentioned in the guidelines. Each course adapts the appropriate template relevant to its course. Basically, the structure of Self Learning Materials is to provide Teacher's notes to the students, that are helpful to the students while they study and prepare for the exams. The Self Learning materials also contain the examples and practice questions, so that the learner gets a thorough grip of the subject material.

File Description	Documents
Policy document on SLM	Nil
Any other relevant information	Nil

2.3.5 - Availability of digitized SLMs for the learners - Percentage of programs having access to online SLMs

100%

2.3.5.1 - Number of programmes offered by DDE where learning material of the Institution are digitized and the SLMs uploaded on the website / Online Repository/ e-content app / LMS for their availability to the learners during the year

6

File Description	Documents
Links to Digital repository of SLMs	**Nil**
Data template in Section B	View File
Any other relevant information	**No File Uploaded**

2.3.6 - Mechanism to provide academic counselling support at DDE A mechanism is in place at DDE to provide academic counselling support to learners enrolled in different programmes including strategies for learner participation and engagement as well as development of required competencies and skills

During the entire Program, our faculty discusses with the students regularly about how they can improve the skill sets and what are the skill sets required currently in the industry.

Besides this,Webinars are regularly conducted in collaboration with industry experts to speak to the students and share their experiences and challenges faced and how they overcome those. They also tell students about the specific skill sets required and how to get better at that.To improve upon the learner engagement, our faculty members are trained to interact with the learner during the live sessions. Lesson plans are designed in a way where the learners are prompted to speak and give their opinion about the topic being discussed.

In case it is identified that a student is not attending the classes or not submitting the assignments in time, the coordinators/counselors call them and discuss the issue they are facing. They try to understand the problems being faced by the student and try to solve their issues, if they are related to our course delivery. Our aim is to make the students comfortable and motivate them to attend the classes and finish the course with good grades.

File Description	Documents
Schedules of different counselling activities	Nil
Any other relevant information	Nil

2.4 - Teacher Profile and Quality

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

92.6%

File Description	Documents
Full time teachers and sanctioned posts during the year (Data Template)	View File
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	No File Uploaded

2.4.2 - Average percentage of full time teachers with Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D'Lit. during the year

45%

2.4.2.1 - Number of full time teachers with Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D'Lit. during the year

303

File Description	Documents
Any additional information	No File Uploaded
List of number of full time teachers with Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D'Lit. and number of full time teachers for 5 years (Data Template)	View File

2.4.3 - Average teaching experience of full time teachers (Data for the latest completed academic year in number of years)

5

2.4.3.1 - Total experience of full-time teachers

3330

File Description	Documents
Any additional information	**No File Uploaded**
List of Teachers including their PAN, designation, dept and experience details (Data Template)	View File

2.4.4 - Average percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government/Govt. recognised bodies during the year

2.5

2.4.4.1 - Number of full time teachers receiving awards from state /national /international level from Government/Govt. recognized bodies during the year

17

File Description	Documents
Institutional data in prescribed format (Data Template)	View File
Any additional information	**No File Uploaded**
e-copies of award letters (scanned or soft copy)	**No File Uploaded**

2.4.5 - Full-time teachers and other academics in positions – Percentage of the sanctioned posts occupied by full-time teachers and other academics respectively during the year

100%

2.4.5.1 - Number of Fulltime teachers and other academics appointed in DDE against the sanctioned post during last completed academic year

21

File Description	Documents
Details of full time teachers and other academics As per Data Template	View File
List of the faculty members authenticated by the Registrar of the University	**No File Uploaded**
Any other relevant information	**No File Uploaded**

2.4.6 - Learner : Academic Counselor ratio

2.4.6.1 - Number of empanelled Academic Counsellors for the latest completed academic year

4

File Description	Documents
Number of Academic Counsellors with details of total teaching experience for the preceding academic year	**No File Uploaded**
As per Data Template Any other relevant information	<u>View File</u>

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

12

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

12

File Description	Documents
Any additional information	**No File Uploaded**
List of Programmes and date of last semester and date of declaration of results (Data Template)	<u>View File</u>

2.5.2 - Average percentage of student complaints/grievances about evaluation against total number appeared in the examinations during the year

3.6

2.5.2.1 - Number of complaints/grievances about evaluation during the year

230

File Description	Documents
Any additional information	**No File Uploaded**
Number of complaints and total number of students appeared during the year	**No File Uploaded**
as per data templets	[View File](#)

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

The IT integration through an ERP system has streamlined the entire examination process and has smoothened its functioning while making the whole examination process more transparent. The examination process includes hall ticket generation, internal and end semester marks capture, result processing, results publication, generation of semester wise grade sheets, consolidated grade sheets, transcripts, provisional certificate are issued appropriately.

A self-service portal exists for all stake holders includes students, parents for smooth sharing of pertinent information. The Marks scored for the Continuous Internal Assessment (CIA) and End Semester Examinations (ESE) are entered directly into the systems by the evaluators and the ERP applies relevant weightages to calculate the results. The Chief Superintendent and Assistant Superintendents are appointed and deputed to form squads to monitor the conduct of examinations. Since the squads are randomly picked, and assigned to random venues, the process has largely controlled malpractices. This practice has been extended to online examinations too during Covid-19 period. The paper and pen examinations were replaced by online examinations since April 2020 during pandemic situations. The OBE pattern is being followed in the question paper.

File Description	Documents
Any additional information	**No File Uploaded**
During the year number of applications, students and revaluation cases	**No File Uploaded**

2.5.4 - Status of automation of Examination division along with approved Examination Manual	**A. 100% automation of entire division & implementation of Examination Management System (EMS)**

File Description	Documents
Current Manual of examination automation system	**No File Uploaded**
Annual reports of examination including the present status of automation	**No File Uploaded**
Current manual of examination automation system and Annual reports of examination including the present status of automation (Data Template)	[View File](#)
Any additional information	**No File Uploaded**

2.5.5 - Formative Assessment Standard Operating Procedures employed for continuous (internal) assessment followed by the Institution

Formative Assessment Procedure

Every course shall have two components of assessment namely, Continuous Internal Assessment "CIA" and End Semester Examination "ESE". CIA assessment will be carried out throughout the semester as per the Academic Schedule. ESE assessment will be carried out at the end of the Semester as per the Academic Schedule.

CIA will be conducted in the form of online assignments, assessments and quizzes. There will be two Assignments per semester. Each assignment has to be submitted online within the specified due date. The best Assignment Score will be considered for calculating CIA. There will be 2 Quizzes for each course. The duration of the Quiz will be 30 minutes. The best Quiz score will be considered to calculate the Quiz Score. Two Assessments will be conducted online. The Duration of the Online Assessment will be of one hour. The best Online Assessments scores will be considered to calculate Assessments Score.

File Description	Documents
Policy documents on Evaluation Methodology of DDE	**Nil**
Any other relevant information	**Nil**

2.6 - Student Performance and Learning Outcomes

2.6.1 - The institution has stated learning outcomes (generic and programme specific)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents

Each programme in the institution has Program Outcomes (POs) / Graduate Attributes, Program Specific Outcomes (PSOs) and Programme Educational Objectives (PEOs). The curriculum and syllabi are developed in conjunction with the POs and PSOs. Each course in the curriculum has Course Outcomes (COs). All the learning outcomes are developed by a systematic process with the involvement of stakeholders including Industry experts, Academician, Alumni, Students, and Parents. The stated Learning Outcome (LO) are published in the institution Website, Notice boards, Library, Student Handbook, Department Resources, ERP and LMS system. The course teacher prepares the Course Delivery Plan (CDP) and Course Assessment Plan (CAP) at the beginning of the semester. The Course Assessment Plan (CAP) clearly defines the assessment methods and the level of assessment in-line with the Learning Outcome.

Every activity carried out in classroom is mapped to the corresponding course outcomes of the course. The assessment marks of these activities reflect on attainment of course outcomes of course. In addition to these, two internal assessments are conducted. Each question in the assessment is clearly stated with the level of assessment and the Learning Outcome. When the question paper for internal assessments is set by the course teacher, each question is mapped with course outcomes of the course. A detailed evaluation sheet is prepared for the whole class where each student assessment is mapped with the course outcomes. Thus, the overall course outcome is numerically measured.The entire process is being verified by the Department Examination Committee (DEC) and the Course Committee.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional Information	Nil
Upload COs for all courses (exemplars from Glossary)	No File Uploaded

2.6.2 - Attainment of Programme outcomes, Programme specific outcomes and course outcomes are evaluated by the institution during the year

The attainment of Program Outcome, Program Specific Outcomes and Course Outcomes are evaluated at the institution level. The course

outcome attainment is calculated through Continuous Internal Assessment (CIA), End Semester Examination (ESE) and various other assessment strategy for a particular course. This attainment is set against a threshold value, fixed at starting of each semester. In case of non-attainment of course outcomes against the fixed threshold, the course teacher will analyse and submit continuous quality improvement (CQI) report for future improvements. The threshold for course outcome attainment is fixed based on student quality, course content, previous track history of course delivery (if applicable) and overall performance of students in past semesters. IQAC of the institution will conduct academic audit every semester to assess the correctness of CO attainment calculation and monitor the Continuous Quality Improvement. For every batch the course outcome is consolidated to compute the attainment of Program Outcomes and Program Specific Outcomes. As a result of monitoring these outcome attainments, the departments are encouraged for planning and upgrading program course contents, addition, and deletion of course contents.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional Information	Nil

2.6.3 - Average pass percentage of Students during the year

96.35%

2.6.3.1 - Total number of final year students who passed the university examination during the year

1954

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	[View File](#)
Upload any additional information	No File Uploaded
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

2.7.1 - Online student satisfaction survey regarding teaching learning process

https://drive.google.com/drive/folders/1B22uZwKYxeFsPEgCi7OM9cSK5_7j4Ws7?usp=sharing

File Description	Documents
Upload any additional information	**No File Uploaded**
Upload database of all currently enrolled students (Data Template)	<u>View File</u>

2.7.2 - Online Learner Satisfaction Survey regarding teaching-learning process

https://drive.google.com/drive/folders/1B22uZwKYxeFsPEgCi7OM9cSK5_7j4Ws7?usp=sharing

File Description	Documents
Database of all currently enrolled Distance Learners	**No File Uploaded**
As per Data Template	<u>View File</u>
Any other relevant information	**No File Uploaded**

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

HITS has a well-defined policy to promote the research culture on campus with the overall goal of emerging as one of the leading research institutes in the country and to create new knowledge in the frontier areas. The institute has evolved policies for Sponsored Research, Consultancy, Intellectual Property Rights and these are frequently updated as well as publicized through the institutional website. The Board of Research and Consultancy of HITS is chaired by the Vice Chancellor. The Director Research, Dean Research, heads of the departments, experts from reputed National and International Institutions, Universities and Industry are members. There are currently 16 Centres of Excellence in the institution. The Institute has 76+ funded projects worth Rs.20 Crores in association with Government and Non-Government Agencies such as DAE, DRDO, DST, ICMR, NBHM, MNRE, ISRO and NIOT. Projects with International Agencies like German Academic Exchange Service (DAAD) and Royal Academy of

Engineering are in progress. Anti-cancer drug response prediction model development, Austempered Ductile Iron, Automated Heterogeneous Robotic Swarm Simulator for Faster Disaster Reconnaissance and Mitigation are some of the projects with emphasis on societal applications for the growth of our country.

File Description	Documents
Any additional information	No File Uploaded
Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	No File Uploaded
URL of Policy document on promotion of research uploaded on website	https://hindustanuniv.ac.in/research/index.html

3.1.2 - The institution provides seed money to its teachers for research (amount INR in Lakhs)

53.13

3.1.2.1 - Total amount of seed money provided by the Institution to its faculty during the year (INR in lakhs)

53.13

File Description	Documents
Any additional information	No File Uploaded
Minutes of the relevant bodies of the University	No File Uploaded
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	No File Uploaded
List of teachers receiving grant and details of grant received (Data Template)	View File

3.1.3 - Percentage of teachers receiving national/ international fellowship/financial support by various agencies including the applicant university for advanced studies/ research during the year

0.6

3.1.3.1 - Number of teachers who received national/ international fellowship/financial support from various agencies including the applicant university, for advanced studies / research during

the year

4

File Description	Documents
Any additional information	**No File Uploaded**
e-copies of the award letters of the teachers	**No File Uploaded**
List of teachers and their international fellowship details (Data Templates)	View File

3.1.4 - Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other research fellowships enrolled in the institution during the year

41

3.1.4.1 - The Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the year during the last completed academic year

41

File Description	Documents
Any additional information	**No File Uploaded**
List of research fellows and their fellowship details (Data Template)	View File

3.1.5 - Institution has the following facilities to support research Central Instrumentation Centre Animal House/Green House Museum Media laboratory/Studios Business Lab Research/Statistical Databases Moot court Theatre Art Gallery	**A. Any 4 or more of the above**

File Description	Documents
Paste link of videos and geotagged photographs	**Nil**
Upload the list of facilities provided by the university and their year of establishment	**No File Uploaded**
Upload any additional information	**No File Uploaded**
as per data templets	<u>View File</u>

3.1.6 - Percentage of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other similar recognitions by national and international agencies (Data for the latest completed academic year)

10.5

3.1.6.1 - The Number of departments with UGC-SAP, CAS, DST-FIST , DBT, ICSSR and other similar recognitions by national and international agencies

2

File Description	Documents
Any additional information	**No File Uploaded**
e-version of departmental recognition award letters	**No File Uploaded**
List of departments and award details (Data Template)	<u>View File</u>

3.2 - Resource Mobilization for Research

3.2.1 - Extramural funding for Research (Grants sponsored by the non-government sources such as industry, corporate houses, international bodies for research projects) endowments, Chairs in the University during the year (INR in Lakhs)

53.67

3.2.1.1 - Total Grants for research projects sponsored by Non-Government sources such as industry, corporate houses, international bodies, endowments, professional associations, endowment-Chairs in the Institution during the year (INR in Lakhs)

53.67

File Description	Documents
Any additional information	**No File Uploaded**
e-copies of the grant award letters for research projects sponsored by non-government	**No File Uploaded**
List of project and grant details (Data Template)	[View File]()

3.2.2 - Grants for research projects sponsored by the government agencies during the year (INR in Lakhs)

3

3.2.2.1 - Total Grants for research projects sponsored by Government sources- during the year (INR in Lakhs)

68.64

File Description	Documents
Any additional information	**No File Uploaded**
e-copies of the grant award letters for research projects sponsored by government	**No File Uploaded**
List of project and grant details (Data Template)	[View File]()

3.2.3 - Number of research projects per teacher funded by government and non-government agencies during the year

0.6

3.2.3.1 - Number of research projects funded by government and non-government agencies during the during the year

4

File Description	Documents
List of research projects and funding details (Data Template)	<u>View File</u>
Any additional information	**No File Uploaded**
Supporting document from Funding Agency	**No File Uploaded**
Paste Link for the funding agency website	**Nil**

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an eco-system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge

The Hindustan Technology Business Incubator (HTBI) & Hindustan Entrepreneurship and Innovation Centre (HEIC) are focused to encourage innovative talents of students. HTBI & HEIC envisions creating an ecosystem on campus which offers every student a chance to be innovative, creative and tactical to pursue his or her dreams and gain economic, technical and entrepreneurial expertise in their chosen field. In its present form a cell for entrepreneurship activities was established in August 2007 in collaboration with National Entrepreneurship Network (NEN). The student innovators and entrepreneurs are guided by internal and external experts. Mentoring sessions are held on a weekly basis with external mentors. The student start-ups and innovators are introduced to several professional bodies and business networks for furthering their enterprise. More than 2,000 innovators and around 200 start-ups have been triggered and facilitated by HTBI so far and 1,000 students were trained for student's start-ups. Around 100 patents were filed by student innovators. Our student innovators participated and won prizes in many events and competition organised by other institutes both within the state and outside.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	**Nil**

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

3.3.2.1 - Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR),Entrepreneurship, Skill development Frontier/ contemporary areas researches in law and judicial trends during the year

33

File Description	Documents
Report of the event	**No File Uploaded**
Any additional information	**No File Uploaded**
List of workshops/seminars duringduring the year (Data Template)	<u>View File</u>

3.3.3 - Number of awards / recognitions received for research/innovations by the institution/teachers/research scholars/students during the year

3.3.3.1 - Total number of awards / recognitions received for research/innovations won by institution/teachers/research scholars/students year wise during the year

42

File Description	Documents
e- copies of award letters	**No File Uploaded**
Any additional information	**No File Uploaded**
List of innovation and award details (Data Template)	<u>View File</u>

3.3.4 - Workshops / seminars conducted on innovative practices

3.3.4.1 - Total number of workshops/seminars conducted during the year on: ? Intellectual Property Rights (IPR); ? Open Educational Resources (OERs); ? Massive Open Online Courses (MOOCs); ? Technology-Enabled Learning; ? Learning Management System; ? Development of e-content and

9

File Description	Documents
Report of the event/ link to the material developed	**Nil**
List of workshops/seminars during the year	**No File Uploaded**
As per Data Template	<u>View File</u>
Any other relevant information	**No File Uploaded**

3.3.5 - Innovative content developed in the form of e-modules / e-SLMs / MOOCs for : A. NMEICT B. NPTEL C. SWAYAM D. e-PG Pathshala E. e-SLMs F. other MOOCs platform G. Institutional LMS

3.3.5.1 - Total number of e-content modules developed for any of the platforms listed above.

192

File Description	Documents
Any other relevant information	**No File Uploaded**
As per Data Template	**No File Uploaded**
List of the innovative contents developed during the year	**No File Uploaded**

3.4 - Research Publications and Awards

3.4.1 - The institution ensures implementation of its stated Code of Ethics for research

3.4.1.1 - The institution has a stated Code of Ethics for research and the implementation of which is ensured through the following 1. Inclusion of research ethics in the research methodology course work 2. Presence of institutional Ethics committees (Animal, chemical, bio-ethics etc) 3. Plagiarism check 4. Research Advisory Committee	**A. All of the above**

File Description	Documents
Code of ethics for Research document, Research Advisory committee and ethics committee constitution and list of members on these committees, software used for Plagiarism check, link to Website	**Nil**
Any additional information	**No File Uploaded**
as per data templets	<u>View File</u>

3.4.2 - The institution provides incentives to teachers who receive state, national and international recognitions/awards Commendation and monetary incentive at a University function Commendation and medal at a University function Certificate of honor Announcement in the Newsletter / website	**A. All of the above**

File Description	Documents
e- copies of the letters of awards	**No File Uploaded**
Any additional information	**No File Uploaded**
List of Awardees and Award details (Data Template)	<u>View File</u>

3.4.3 - Number of Patents published/awarded during the year

3.4.3.1 - Total number of Patents published/awarded year wise during the year

32

File Description	Documents
Any additional information	**No File Uploaded**
List of patents and year it was awarded (Data Template)	<u>View File</u>

3.4.4 - Number of Ph.D's awarded per teacher during the year

3.4.4.1 - How many Ph.D's are awarded during the year

56

File Description	Documents
URL to the research page on HEI web site	**Nil**
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	<u>View File</u>
Any additional information	**No File Uploaded**

3.4.5 - Research publications – Number of research papers published per teacher of the institution in the Journals notified by UGC care list during the year

1

3.4.5.2 - Number of research papers published by the faculty of the Institution in the Journals notified by UGC care list

762

File Description	Documents
Web-link of research papers published	**Nil**
As per Data Template	<u>View File</u>
Any other relevant information	**No File Uploaded**

3.4.6 - Books and Chapters in edited volumes published per teacher etc.

3.4.6.1 - Number of books and chapters/ units in books/ SLMs published of the institution during the year

529

File Description	Documents
Web-link of publications	**Nil**
As per Data Template	<u>View File</u>
Any other relevant information	**No File Uploaded**

3.4.7 - E-content is developed by teachers For e-PG-Pathshala For CEC (Under Graduate) For SWAYAM For other MOOCs platform For NPTEL/NMEICT/any other Government Initiatives For Institutional LMS	**D. Any 2 of the above**

File Description	Documents
Any additional information	**No File Uploaded**
Give links or upload document of e-content developed	**Nil**
Details of e-content developed by teachers for e-PG-Pathshala, CEC (UG) (Data Template) 3.4.8 QnM Bibliometrics of the publications during the year based on average Citation Index	[View File](#)

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

Scopus	Web of Science
6.2	**7.35**

File Description	Documents
Any additional information	**No File Uploaded**
Bibliometrics of the publications during the year	**No File Uploaded**

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

Scopus	Web of Science
54	**48**

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	**No File Uploaded**
Any additional information	**No File Uploaded**

3.5 - Consultancy

3.5.1 - Institution has a policy on consultancy including revenue sharing between the institution and the individual and encourages its faculty to undertake consultancy

HITS is an academic institution dedicated to excellence in teaching and research in consonance with the contemporary and future needs of

India and of the world. T Consultancy works are undertaken to suggest solutions to real life problems in industry and socio-economic problems experienced in the society. The university offers Consultancy Services to industries, service sectors, government departments and other national & international agencies in specialized areas of expertise available in the university. These services are offered along the lines of 'Professional Services' and will hence carry with them obligations and ethical requirements associated with such services as per the standard terms and conditions. All Consultancy works and related jobs are structured and executed in the spirit of promoting HITS, as a vehicle for augmenting levels of excellence in teaching and research, for proper placement of HITS graduates and in the process of generating funds.The university offers Consultancy and related services under following categories in the policy evolved by the institution:

Category 1: Individual Consultancy

Category 2: Departmental Consultancy

Category 3: Testing and Evaluation / Calibration and Standardization Services

File Description	Documents
Upload minutes of the Governing Council/ Syndicate/Board of Management related to consultancy policy	No File Uploaded
Upload soft copy of the Consultancy Policy	No File Uploaded
Upload any additional information	No File Uploaded
Paste URL of the consultancy policy document	Nil

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

260.9

3.5.2.1 - Total amount generated from consultancy and corporate training during the year (INR in lakhs)

260.9

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy	**No File Uploaded**
Any additional information	**No File Uploaded**
List of consultants and revenue generated by them (Data Template)	[View File](#)

3.6 - Extension Activities

3.6.1 - Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the year

HITS jointly with Dr. K. C. G. Verghese Charitable Trust has expressed its oneness with the public and needy and contributed immensely by its innovation and relief activities, worth over Rs. 1.3 Crores, towards the welfare of the society during this pandemic. Hindustan Covid Camps reached out to over 5,000 families by distributing essential groceries like Dhal, Rice, Oil etc., and medical kits that cost over Rs. 50 Lakhs. The camp successfully was set at various villages including Illalur, Kayar, Vembedu, Idayankuppam, Thirupporur, Padur, Kelambakkam, Pudupakkam, Neelangarai and Injambakkam, Chennai, and all Chengalpattu District.Rs. 50 Lakhs was donated to Tamil Nadu CM Relief Fund during Covid first wave by the management. HITS in association with Trier University, Germany procured Rs. 50 Lakhs worth of Medical kits including Oxygen concentrators. Medical kits were distributed to Government Hospitals (Chengalpattu and Chennai) and Public Health Centers in the adopted villages of HITS. The face masks (FFp2) were also distributed in Kayar, Illallur, Vembedu and Padur villages. Rs. 25 Lakhs worth relief materials (Groceries and Food) were distributed to the needy people in around Thiruporur Town Panchayat along with Rotary and Y's Men Community of HITS.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	**No File Uploaded**

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

3.6.2.1 - Total number of awards received by the Institution, its teachers and students from Government / Government recognised bodies in recognition of the extension activities carried out during the year

25

File Description	Documents
Any additional information	**No File Uploaded**
Number of awards for extension activities in last 5 year (Data Template)	<u>View File</u>
e-copy of the award letters	**No File Uploaded**

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

39

File Description	Documents
Reports of the event organized	**No File Uploaded**
Any additional information	**No File Uploaded**
Number of extension and outreach Programmes conducted with industry, community etc for the last completed academic year (Data Template)	<u>View File</u>

3.6.4 - Average percentage of students participating in extension activities listed at 3.6.3 above, during the year

3.6.4.1 - Total number of students who participate in extension activities listed at 3.6.3 above during the year

2210

File Description	Documents
Report of the event	**No File Uploaded**
Any additional information	**No File Uploaded**
Average percentage of students participating in extension activities with Govt. or NGO etc (Data Template) Key	View File

3.7 - Collaboration

3.7.1 - Number of collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year

3.7.1.1 - Total number of Collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year

28

File Description	Documents
Copies of collaboration	**No File Uploaded**
Any additional information	**No File Uploaded**
Number of Collaborative activities for research, faculty etc (Data Template)	View File

3.7.2 - Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the year

26

File Description	Documents
e-copies of the MoUs with institution/ industry	**No File Uploaded**
Any additional information	**No File Uploaded**
Details of functional MoUs with institutions of national, international importance, other universities during the year (Data Template)	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment, etc.

The institution has various facilities to impart teaching-learning process and the details are furnished hereunder: With a combined strength of 8000+ students, the total classroom requirement as per laid down norms totals to 142, whereas the institution can boast of around 191 classrooms.In addition, the institution has approximately 31 seminar halls for Symposia, Workshops and Groupdiscussions. A total of 138 classrooms has LCD Projectors and 22 class rooms have Smart boards. A total of 107 laboratories are available at the institution. The laboratories also have international tie ups with prominent manufacturing companies includes Royal Enfield, Volkswagen, Flextronics, Robert Bosch, SMC Pneumatics, Yashikawa, SEW Eurodrive to expose and train students in the state-of-theart, instrumentation and software tools.HITS has 2098 computers used for Academic and Administrative purpose 18 Servers (Windows 2018, Ubuntu), 177 printer (Multifunction Printers, LaserJet, Inkjet), 26 Scanners (Multipurpose, M1060, 700F), and 220 Projectors.Campus is networked with single and multimode fiber optic cables covering a distance of around 2,000 meters for faster and efficient connectivity between the academic blocks which include the labs and offices. Wi-Fi internet facility is provided in Hostels, Library, Smart Classrooms, Seminar Halls, Auditoriums and Common places including Canteens.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	**Nil**

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

The Auditoriums of HITS have capacities ranging from 200 to 1,000 students and are used to host a wide range of cultural festivals annually which include Yarona, Graffiti Rock Concert, Music Orchestra, Dance Fest, Film Festivals, Colors of Youth and K-Pop. Additionally, students have access to practice rooms to nurture and train aspiring students to groom their talents and compete at various national and international events. Festivals, and large

cultural events are organized in the large OAT (Open Air Theatre) The Yoga center functioning since 2011 has a well-facilitated infrastructure supported by well-trained instructors to promote a healthy mind and body, to promote spiritualism and oneness in thoughts through a well-defined state of mind. HITS has an excellent infrastructure with all facilities for sports and recreation which help students to improve their physical and mental well-being, thereby producing good and outstanding sports persons. Excellent sports equipment is available in the Department of Physical Education. Our sports and recreation facilities include 20 courts for outdoor games such as tennis, football, cricket, Basketball, Shuttle, and athletic running tracks. 06 Indoor courts for games such as Carom, Table tennis and Chess are available including the ones inside hostels.

File Description	Documents
Upload any additional information	No File Uploaded
Geotagged pictures	No File Uploaded
Paste link for additional information	Nil

4.1.3 - Availability of general campus facilities and overall ambience

The campus resonates with a breath of fresh air amidst the concrete jungle in Chennai. Sprawled over 38.02 Acres. HITS provide on campus accommodation which are fully serviced to act as home - away - home to the students. There are dedicated hostels for both Boys and Girl students with international standard rooms. Guest Houses are also available for parents and guests. The hostels can accommodate a total of approximately 1500 students. A separate central kitchen prepares food for all the campus residents. There are canteen facilities that serve as food courts. Purified RO water and warm water are provided to the students and vending machines are placed at appropriate locale on campus. Campus safety and security services include Hour foot and vehicle patrols, late night transport escort services. Facilities such as gymnasium with its fitness equipment, swimming pool, tennis courts, football grounds, cricket pitches, running tracks etc. are available on HITS campus. Institution has a well-established horse riding club imparting riding classes to all interested students and faculties. Medical clinics are available on campus with a Doctor and a Nurse. An ambulance is stationed near the clinic to take students to nearby hospitals whenever needed.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	**Nil**

4.1.4 - Average percentage of expenditure, excluding salary for infrastructure augmentation during the year(INR in Lakhs)

50%

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

3060.19

File Description	Documents
Upload any additional information	**No File Uploaded**
Upload audited utilization statements	**No File Uploaded**
Upload Details of budget allocation, excluding salary during the year (Data Template)	<u>View File</u>

4.1.5 - Expenditure incurred for infrastructure augmentation –Percentage of expenditure incurred for infrastructure augmentation

48%

File Description	Documents
Audited utilization statements of DDE	**No File Uploaded**
Budget allocation for infrastructure of DDE	**No File Uploaded**
as per data templets	<u>View File</u>

4.1.6 - Average percentage of expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year(INR in Lakhs)

70.55

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

242.96

File Description	Documents
Audited statements of accounts of DDE.	**No File Uploaded**
Budget and Statements of Expenditure of DDE	**No File Uploaded**
As per Data Template	View File
Any other relevant information	**No File Uploaded**

4.1.7 - Academic counselling sessions held Regular conduct of academic counselling sessions (for theory and practical courses) at Learner Support Centres under each Regional Centre during the preceding academic year

The students who faced some issues or who were not attending the classes regularly or were lagging behind in the Continuous Internal Assessments were regularly called by the faculty / Counselors. Discussion on the issues faced by students were addressed individually by the mentors and motivated the students to attend the classes. For the classes who were lagging, extra sessions were also conducted. Doubt clearing sessions before the exams were scheduled on demand by the students.

Observee: The Learners who are not attending the live session for more than two classes continuously. The Learners who had below average performance in assessments The Learners not active in LMS usage to read the SLM and take part in Discussion Forum. The attention to be given for learners' who need special attention due the variation in level of capturing the knowledge.

Procedure: The separate synchronous session to be scheduled to counsel the learners. Special counseling shall be arranged with the concern of learner if required.

Documentation: The synchronous counseling session are recorded. The document maintained for the record of individual calls. Periodical individual counseling details maintained as soft copy and filed at the end of the semester.

File Description	Documents
Records of Counselling sessions at DDE	Nil
Expenditure incurred on counselling sessions at DDE	Nil
As per Data Template	Nil
Any other relevant information	Nil

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS) and has digitisation facility

The Institution has a well-stocked modern centrally air-conditioned Library and unique building. The library is housed with a total carpet area of 4499.12 Sq.m. which includes a Reading Area of 813.65 Sq.m having a seating capacity of 625 Sq.m. It is well stocked with more than 1,17,246 book volumes, 389 print back volumes of International and National Periodicals, more than 3,500 CDs and DVDs, more than 42,000 Electronic Journals, and more than 20,2542 Electronic Books with Online Databases, including those from IEEE, SAE International, AIAA, SPRINGER LINK, SCENCE DIRECT, PROQUEST, and EBSOC with Remote Access, among others. The Digital Library has 60 Apple IMAC systems and 10 I PATE systems with Wi-Fi internet connectivity so that Academics, Research Scholars, and Students can access Online Electronic Information Resources. A Book Bank service is available to students at HITS Central Library, with the primary objective of assisting both under privileged and distinguished students. The foundation of library automation is integrated library management software. Open-source library management software has piqued the curiosity of library professionals all around the globe. Open-source software is not the same as proprietary software.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

4.2.2 - Institution has subscription for e-Library resources Library has regular	A. Any 4 or all of the above

subscription for the following: e – journals e-books e-ShodhSindhu Shodhganga Databases	

File Description	Documents
Upload any additional information	**No File Uploaded**
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga Membership, etc. (Data Template)	View File

4.2.3 - Average annual expenditure for purchase of books/e-books and subscription to journals/e- journals and legal databases during the year(INR in Lakhs)

94.51

4.2.3.1 - Annual expenditure for purchase of books, journals and e-resources during the year (INR in Lakhs)

94.51

File Description	Documents
Any additional information	**No File Uploaded**
Audited statements of accounts	**No File Uploaded**
Details of annual expenditure for purchase of books and journals during the year (Data Template)	View File

4.2.4 - Percentage per day usage of library by teachers and students (foot falls and login data for online access)

21.42%

4.2.4.1 - Number of teachers and students using library per day over last one year

1525

File Description	Documents
Any additional information	**No File Uploaded**
Details of library usage by teachers and students (Library accession register, online accession details to be provided as supporting documents)	**No File Uploaded**

4.3 - IT Infrastructure

4.3.1 - Percentage of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities.(Data to be provided only for the latest completed academic year)

100%

4.3.1.1 - Number of Classrooms and seminar hall(s) in the institution

191

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.3.2 - Institution has an IT policy, makes appropriate budgetary provision and updates its IT facilities including Wi-Fi facility

HITS has always been in the forefront adopting technologies and providing IT enabled service to all its stakeholders and has a clear policy regarding Information Technology. To provide fail safe and secure IT infrastructure that can provide a platform for all type of information and technology, Institution has a Department of Information & System Management which looks into the IT infrastructure related matters. Computers are maintained by this department and provides integrated IT services such as smooth running of systems, servers and peripherals, up-gradation and maintenance of software and hardware, troubleshooting of networking equipment including internet connectivity, Wi-Fi connectivity, Email creation and support, procurement of hardware and software, staff biometric services, CCTV connectivity and maintenance. Campus is networked with single and multimode fiber optic cables covering a distance of around 2,000 meters for faster and efficient connectivity and Wi-Fi internet facility provided in Hostels, Library, Smart Classrooms, Seminar Halls, Auditoriums and Common places including Canteens. Old and outdated computers and peripherals are upgraded periodically; they are either replaced or enhanced with respect to configuration. Wi-Fi internet connectivity is provided on campus and Wi-Fi Access points installed in various

`location. More than 158 Aruba Access Points are connected for`
`seamless connectivity.`

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	**Nil**

4.3.3 - Student - Computer ratio

Number of Students	Number of Computers
6447	**1747**

File Description	Documents
Upload any additional information	**No File Uploaded**
Student – computer ratio	**No File Uploaded**

4.3.4 - Available bandwidth of internet connection in the Institution (Leased line)	• **?1 GBPS**

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

4.3.5 - Institution has the following Facilities for e-content development Media centre Audio visual centre Lecture Capturing System(LCS) Mixing equipment's and softwares for editing	**A. All of the above**

File Description	Documents
Upload any additional information	**No File Uploaded**
Links of photographs	**Nil**
Facilities for e-content development such as Media Centre, Recording facility, LCS etc (Data Templates)	[View File]

4.3.6 - ICT enabled facilities at DDE: Percentage of the rooms and seminar halls of the DDE with ICT enabled facilities

100%

4.3.6.1 - Number of rooms and seminar halls of the DDE (cumulative) with ICT enabled facilities (data as on date)

6

File Description	Documents
Photographs of infrastructure facilities at DDE	**No File Uploaded**
As per Data Template	[View File]
Any other relevant information	**No File Uploaded**

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Average percentage of expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year(INR in Lakhs)

95.62%

File Description	Documents
Upload any additional information	**No File Uploaded**
Audited statements of accounts	**No File Uploaded**
Details about assigned budget and expenditure on physical facilities and academic facilities (Data Templates)	[View File]

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

details of systems and procedures for maintaining and utilizing physical and academic support facilities within a maximum of 100 -200 words.

HITS aims to provide conducive environment to foster knowledge amongst students and research scholars alike while helping the faculty and non-teaching staff to excel in their profession. The dual dimensions of Water and Sanitation are to ensure safe drinking water with the help of fully serviced Reverse Osmosis (RO) filters and an environmentally friendly zero wastewater recycling system consisting of the three sewerage treatment plants. HITS also ensures a zero-waste campus with its staff ensuring complete conversion of food waste garden waste into compost to be utilized for Gardens and Farms. Central Air Conditioning is selectively provided through well-maintained chiller plants, Air Handling Units, and ducts. 100 trees are planted every year with a survival of 92 – 95%. Campus clinics, ambulances and doctors are always available and medical facilities are regularly maintained throughout the year. Computer software and hardware maintenance are performed by trained engineers and technicians who form the Information & Communications Technology Services (ICTS) division of the University. ICTS, through its policies for maintenance, regular backup, system failover, disaster recovery, etc. ensures uninterrupted access to all information and network services. ICTS also handles maintenance of Audio-Visual equipment which includes projectors, Public Address systems, lecture capturing systems, etc.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil
Policy details of systems and procedures for maintenance and utilization of physical, academic and support facilities – laboratory, library, sports complex, computers, classrooms, etc. in the Institution's website	No File Uploaded

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Average percentage of students benefited by scholarships and freeships provided by the institution, Government and non-government agencies (NGOs) (other than the students receiving scholarships under the government schemes for reserved categories) during the year

66

5.1.1.1 - Number of students benefited by scholarships and freeships provided by the institution, Government and non-government agencies (NGOs) (other than the students receiving scholarships under the government schemes for reserved categories) during the year

4257

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	**No File Uploaded**
Upload any additional information	**No File Uploaded**
Average percentage of students benefited by scholarships and freeships provided by the institution, Government and non-government agencies (NGOs) during the year (Data Template)	View File

5.1.2 - Average percentage of students benefited by career counseling and guidance for competitive examinations as offered by the Institution, during the year

65.8

5.1.2.1 - Number of students benefited by career counseling and guidance for competitive examinations as offered by the institution year-wise, during the year

4244

File Description	Documents
Any additional information	**No File Uploaded**
Number of students benefited by career counselling and guidance for competitive examinations during the year (Data Template)	View File

5.1.3 - Following Capacity development and skills enhancement initiatives are taken by the institution 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	**Nil**
Any additional information	**No File Uploaded**
Details of capacity development and skills enhancement initiatives (Data Template)	[View File](#)

5.1.4 - The Institution adopts the following for redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organisation wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees	• **All of the above**

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	**No File Uploaded**
Upload any additional information	**No File Uploaded**
Details of student grievances including sexual harassment and ragging cases	**No File Uploaded**

5.1.5 - Pre-admission Counseling Services Activities undertaken by the Institution for providing pre-admission counseling services to prospective learners and induction of newly enrolled learners at Institution Headquarters, Regional Centers and Learner Support Centers

After the enrolment, twice the Orientation sessions were conducted online to aid the learners to get acquainted with the program and the program delivery mechanism.

Live video Counseling - for some specific issues faced by a learner about the LMS or not being able to access the content, help will be rendered to them through live video Counseling, so that they know how to access what they were looking for.

Induction - Normally two orientation sessions are conducted, but even after that if a student or a group of students have some issues, dedicated sessions are conducted for them on demand.

Pre Semester Orientation - Since the admission time is usually long, the window open in July and closes in mid November, so to engage the students who have taken admissions early, pre-semester bridge courses are conducted.

Elective selection - To help a learner select an elective, the faculties hold sessions where the learners are told about the benefits of opting a particular elective, and what will be the prospective career path in a particular elective.

MOOC course - In the curriculum/syllabus, in the 3rd and 4th semester, courses from NPTEL are included, as per the UGC directives.

File Description	Documents
Relevant information on activities undertaken at DDE	Nil
Any other relevant information	Nil

5.1.6 - Online Admission and Related Activities The status and process of online admission including payment of fees

The admission process begins with Digital Marketing for various Programs. Once we start digital promotions, we start getting calls for enquiry, we keep record of all the enquiries that came, either on phone or many students leave a message on the socialmedia pages.The telecallers also call on the prospective leads that we generate and the student data available with us.

We guide the learners, how to fill the online application form, some of the learners need help and they want to visit the office, so when they come, we assign them a counselor, who helps them step by step to fill up the forms and pay the fee via the online payment gateway integrated in the website. After this, the learner has to upload their documents, the date of birth proof, Aadhar Card, and their Academic Certificates. Once the documents are uploaded, they go for verification.

An email is also sent to the student that states the status of their admission and an electronic fee receipt is immediately sent to the

learner. In case a learner closes the window with incomplete application form, system sends them reminders to complete their application.

After the verification of documents, we issue them the URN and LMS access is also granted.

File Description	Documents
Online Admission and related activities at DDE	https://drive.google.com/drive/folders/1wmgLdV_YZf3V8TB8NxZwH8sjGc2zKiTu?usp=share_link
Any other relevant information	Nil

5.1.7 - Dispatch of Study Material and related grievance handling mechanisms Strategy followed by the Institution for dispatch of study material to learners and mechanisms to resolve grievances related to Dispatch of Study Material

As per UGC regulations, we have to send the hard copy books to the ODL students, and for OL students the study material is uploaded in the LMS.

To send the study material to the ODL Students, this material has to be first written by the subject experts. Once we get the soft copy of the material written by the experts, we subject each piece of material to the plagiarism check software. If the plagiarism is below the permissible limits, we send the same to an external expert, may be a faculty from HITS and after incorporating the suggestions from expert, if any, we send the books to be printed and bound. The publisher usually send us the first copy for proof reading which is done by the expert who created the material. After the proof reading it is printed in a book form.

Once we receive the printed books, we pack each set of books in a paper and then cover them with water-proof packing, stick the address. We dispatch via speed post, so that we get to know exactly how many sets were delivered and how many returned.

File Description	Documents
Material dispatch related activities at DDE	https://drive.google.com/drive/folders/1ieKH5zTYXF8jNkban0h7Ph341xVOFsLO?usp=share_link
Any other relevant information	Nil

5.1.8 - Attending to learners' queries Modes/approaches employed by the University to attend to learners' queries include: 1. Automated interactive voice response system 2. Call centre 3. Online Help Desk 4. Social media 5. App based support 6. Chat Box 7. E-mail Support 8. Interactive radio counselling 9. Teleconferencing 10. Web-conferencing 11. Learner Services Centre/ Inquiry Counter 12. Postal communication	A. Any 8 or more of the above

File Description	Documents
Web-link to Online Help Desk, App based support, Chat Box, Interactive radio counselling, Web-conferencing, Learner Services Centre, any other	Nil
As per Data Template	View File
Any other relevant information	No File Uploaded

5.1.9 - Addressing learners' grievances – The Institution has a transparent mechanism for timely redressal of learner grievances. Percentage of grievances received at HQ and redressed during the year

100%

5.1.9.1 - Number of grievances received at HQ during the year

11

File Description	Documents
Web link to Grievance Redressal Mechanism Committee for learners	Nil
As per Data Template	View File
Any other relevant information	No File Uploaded

5.2 - Student Progression

5.2.1 - Average percentage of students qualifying in state/national/ international level examinations during the year(eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ Judicial Services/Public Prosecution services/All India Bar Exams/State government examinations)

`16%`

5.2.1.1 - Number of students qualifying in state/ national/ international level examinations (eg: NET/SLET/GATE/GMAT/CAT/GRE/ JAM/IELTS/TOEFL/CLAT/Civil services/ Judicial Services/Public Prosecution services/ All India Bar Exams/State government examinations) during the year

`72`

File Description	Documents
Upload supporting data for the same	**No File Uploaded**
Any additional information	**No File Uploaded**
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.2.2 - Average percentage of placement of outgoing students during the year

`74.5%`

5.2.2.1 - Total number of placement of outgoing students during the year

`1303`

File Description	Documents
Self attested list of students placed	**No File Uploaded**
Upload any additional information	**No File Uploaded**
Details of student placement during the year (Data Template)	View File

5.2.3 - Percentage of recently-graduated students who have progressed to higher education during the year

`24.96%`

5.2.3.1 - Number of recently graduated students who have progressed to higher education (previous graduating batch)

`436`

File Description	Documents
Upload supporting data for student/alumni	**No File Uploaded**
Any additional information	**No File Uploaded**
Details of student progression to higher education (Data Template)	[View File]

5.2.4 - Submission of assignments - Percentage of learners submitting assignments

86.5%

5.2.4.1 - Number of learners enrolled in the preceding academic year (only newly enrolled) have submitted assignments as per the academic calendar

122

File Description	Documents
Web-link to academic calendar of the Institution	**Nil**
List of programmes on offer	**No File Uploaded**
Web-link of assignments of programmes on offer	**Nil**
As per Data Template	[View File]
Any other relevant information	**No File Uploaded**

5.2.5 - Percentage of learners passed out term end examination

87.23%

5.2.5.1 - Number of learners passed out the term end examination

123

File Description	Documents
List of programmes on offer	**No File Uploaded**
Web-link of examination schedule	**Nil**
Number of learners (only freshly enrolled)who have passed term end examination	**No File Uploaded**
As per Data Template	<u>View File</u>
Any other relevant information	**No File Uploaded**

5.3 - Student Participation and Activities

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

74

File Description	Documents
e-copies of award letters and certificates	**No File Uploaded**
Any additional information	**No File Uploaded**
Number of awards/medals for outstanding performance in sports/cultural activities at inter-university/state/ national/international level during the year (Data Template)	<u>View File</u>

5.3.2 - Presence of Student Council and its activities for institutional development and student welfare

The Hindustan Students Council (HSC) plays an integral part in student management in the institution. It consists of 26 members representing different departments. It is a composite council with a wide variety of members from different states, languages, and cultures. It is a gender balanced council with an equal representation of boys and girls. The Members of the HSC are involved in all activities of the institution. Each student of the institution is linked to the university through Class Representatives (CRs). The grassroot democracy is fostered through the involvement of Class Representatives and HSC members. The bottom to top approach is fruitful in resolving the student grievances quickly. Bi-monthly meeting of Class Representatives are held in the

department and their concerns and grievances are listened and are taken up for resolving. The Class Representatives are connected to the HSC. The HSC takes lead in giving inputs for futuristic curriculum, innovations, path-breaking research, entrepreneurship and skill development. They are actively guided by the faculty. The timely representation of student issues by HSC helps the institution to bridge the gap in the academic process.

The glimpse of the various activities of the student council can be viewed at https://hindustanuniv.ac.in/events.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

5.3.3 - Average number of sports and cultural events/competitions youth parliaments organised by the institution in which students of the Institution participated during the year

35

5.3.3.1 - Number of sports and cultural events organized at the institution during the year

35

File Description	Documents
Report of the event	No File Uploaded
Upload any additional information	No File Uploaded
Number of sports and cultural events / competitions organised per year (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - The Alumni Association/Chapters (registered and functional)contributes significantly to the development of the institution through financial and other support services during the year

HITSAA is registered as a Society (Sl. No. 156/2014) under the Tamil Nadu Societies Registration Act 27 of 1975. HITSAA Office is situated on the campus and is actively functioning since 1993. HITSAA acts as a bridge between the alumni and the institution and provides a channel of communication for interactions of alumni with students and faculty. HITSAA Office manages Alumni Relations which include catering to the Alumni needs, establishment and operation of

National and International Alumni Chapters, Alumni Reunions, the release of HITSAA Newsletter, and so on. Membership of HITSAA is open for all graduates of erstwhile Hindustan College of Engineering (HCE) and Hindustan Institute of Technology and Science (HITS), and all such people who pursued short term courses, Certificate or Diploma programs from the University. HITSAA has established five international Alumni Chapters and many city chapters within India. HITSAA Social media accounts for information exchange on a day-to-day basis. Around 19,000 alumni follow us on social media.HITSAA database is constantly updated by the respective Department Alumni Coordinators (Faculty). Currently, the database has 18,000 Alumni records. One / two Alumni Ambassadors are instituted from each department every year.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

5.4.2 - Alumni contribution during the year (INR in Lakhs)	A. ? 5Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The institution has a clearly stated vision and mission which are reflected in its academic and administrative governance

The institution has a clearly stated vision and mission which are reflected in the academic and administrative governance of the institution. The vision and mission of the institution has been revised in 2018 through the feedback from various stakeholders and the same were discussed and approved in 25th Academic Council, held on 06.10.2018. The motto, vision, mission and value statements are clearly reflected in the academic and administrative governance of the institution. Individual departments has formulated Vision Mission statements in line with the Institutional Vision and Mission. The motto, vision, mission, and value statements are stated as follows.

MOTTO

To Make Every Man A Success and No Man A Failure

VISION

To be an International Institute of Excellence, providing a conducive environment for education with a strong emphasis on innovation, quality, research and strategic partnership blended with values and commitment to society.

MISSION

- To create an ecosystem for learning and world class research.
- To nurture a sense of creativity and innovation.
- To instill highest ethical standards and values with a sense of professionalism.
- To take up activities for the development of Society.
- To develop national and international collaboration and strategic partnership with industry and institutes of excellence.
- To enable graduates to become future leaders and innovators.

VALUE STATEMENT

Integrity, Innovation, Internationalization.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

The institute has a well-defined decentralization policy in line with UGC and other statutory councils. The various stake holders which include students, parents, staff, alumni, industrialists and academicians are participating in the process of defining the policy, process and decision making through various committees. The faculty members are involved in Board of Management (BoM), Academic Council (ACM), Planning and Monitoring Board, Finance Committee and Board of Studies (BoS) and other committees. The students are participating in the Class Committee and give various feedback and

suggestions. The Curriculum Review Committee (CRC) has obtained the feedbacks from the stakeholders in the process of curriculum development. The BoS consists of eminent industrialists, alumni, external academicians, and faculty of the department. The Academic Council has been constituted in line with UGC regulations. The institute encourage participative management in the institution governance.The senior faculty members are made to lead various Academic / administrative committees. At the department level, decisions are taken by various Academic Level committees. The faculty are actively involved in decision making process as a part of Department Academic and Examination committees and the faculty provide their inputs on all academic and examination related matters.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	**No File Uploaded**

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic plan is effectively deployed Describe one activity successfully implemented based on the strategic plan with details of deployment strategy, during the year in not more than 100 - 200 words

The Institution has prepared the Institutional Strategic Plan for 2025 which is formulated by considering the Emerging trends in Higher Education in India, World Class Universities, and the Interactions with stakeholders of the Institution. The strategic plan has set the targets / goals for Research excellence, Industry interaction, infrastructure and technology, Faculty Excellence, Internationalization, Branding, Accreditations, etc., which also illustrate the ways of achieving the targets and goals according to the timeline. A team of Senior Professors are involved in monitoring the implementation of the strategic plan. The progress in achievement of the targets is reviewed periodically. A series of activities have been conducted in line with the strategy plan to achieve the targets. One of the successfully implemented activity based on the strategic plan is Outcome based Performance Appraisal System (Outcome based PBAS). The Performance Based Appraisal System (PBAS) is a unique system as designed as Outcome Based Appraisal System in reference to the Accreditations and Ranking agencies includes UGC, AICTE, NBA, NAAC, NIRF and Vision -2025 of the Institution. The copyright office, Government of India has granted copyright to HITS (Copyright No: L-93939/2020) for the indigenously

designed Outcome Based Appraisal System.

File Description	Documents
Strategic Plan and deployment documents on the website	**No File Uploaded**
Paste link for additional information	**Nil**
Upload any additional information	**No File Uploaded**

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

The functioning of the institutional bodies is effective and efficient through well defined policies, administrative setup, appointment, service rules and procedures.

The Institution has the statutory bodies and other Academic and Administrative bodies in accordance with the UGC regulations 2016. The various statutory bodies are listed below

1. **Academic Council Meeting**
2. **Board of Management**
3. **Planning and Monitoring Board**
4. **Finance Committee**

The Service Rules provide entire guideline regarding Human Resources. It will be beneficial to the staff members to have an insight into the transparency of the systems and procedures followed in this Institution, thus facilitating them to work with more renewed enthusiasm.

File Description	Documents
Paste link for additional information	**Nil**
Link to Organogram of the University webpage	**Nil**
Upload any additional information	**No File Uploaded**

6.2.3 - Institution Implements e-governance in its areas of operations

6.2.3.1 - e-governance is implemented covering following areas of operation	**A. All of the above**

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

File Description	Documents
ERP (Enterprise Resource Planning) Document	**No File Uploaded**
Screen shots of user interfaces	**No File Uploaded**
Any additional information	**No File Uploaded**
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has a performance appraisal system, promotional avenues and effective welfare measures for teaching and non-teaching staff

The Performance Based Appraisal System (PBAS) is a unique system as designed as Outcome Based Appraisal System in reference to the Accreditations and Ranking agencies includes UGC, AICTE, NBA, NAAC, NIRF, Vision -2025 of the Institution. This unique assessment system was introduced in 2018. The Intellectual Property of Copyright (R.No: L-93939/2020) for the system has been obtained for the Institution. The outcome based PBAS system has been enriched every year based on the feedback and suggestions of various stakeholder's year by year. The institution is providing the performance-based incentive range from 5% to 12% of their basic pay over and above the salary.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	**No File Uploaded**

6.3.2 - Average percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies publication and other academic incentives during the year

68.2%

File Description	Documents
Upload any additional information	**No File Uploaded**
Details of teachers provided with financial support to attend conferences, workshops etc. during the year (Data Template)	<u>View File</u>

6.3.3 - Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the year

69

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

69

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC or other relevant centres).	**No File Uploaded**
Reports of HRDC or similar centers	**No File Uploaded**
Upload any additional information	**No File Uploaded**
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<u>View File</u>

6.3.4 - Average percentage of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year

55.2%

6.3.4.1 - Total number of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course)during the year

372

File Description	Documents
CIQA / IQAC report summary	**No File Uploaded**
Reports of the Human Resource Development Centres (UGC HRDC or other relevant centers).	**No File Uploaded**
Upload any additional information	**No File Uploaded**
Details of teachers attending professional development Programmes during the year (Data Template)	[View File](#)

6.4 - Financial Management and Resource Mobilization

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

The Institution's major income is from fees which are collected systematically from the students. Annual budgets are prepared for systematic and planned utilization of resources. All the departments and units of the Institution provide their budget requirement each year and are allowed to utilize budgeted amounts for departmental improvements and purposes. Capital Projects are planned and executed for the development of the Institution.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	**No File Uploaded**

6.4.2 - Funds / Grants received from government bodies during the year for development and maintenance of infrastructure (not covered under Criteria III and V) (INR in Lakhs)

0

6.4.2.1 - Total Grants received from government bodies for development and maintenance of infrastructure (not covered under Criteria III and V) during the year (INR in Lakhs)

0

File Description	Documents
Annual statements of accounts	**No File Uploaded**
Any additional information	**No File Uploaded**
Details of Funds / Grants received from government bodies during the year (Data Template)	View File

6.4.3 - Funds / Grants received from non-government bodies, individuals,philanthropists during the year for development and maintenance of infrastructure (not covered under Criteria III and V)(INR in Lakhs)

120.66

File Description	Documents
Annual statements of accounts	**No File Uploaded**
Any additional information	**No File Uploaded**
Details of Funds / Grants received from non-government bodies/ individuals/ philanthropists during the year (Data Template)	View File

6.4.4 - Institution conducts internal and external financial audits regularly

Process of the internal audit: The internal auditing carried out with well-qualified internal auditors. The internal audit team thoroughlyverifies the income and expenditure details and submit the audit objection report (If any) with a remarks.The report is submitted to the management of the institution through Vice Chancellor/Registrar. The reportis reviewed carefully and the necessary direction is initiated for the compliance.

All vouchers are audited by an internal financial committee on quarter of the year basis. The expensesincurred under different heads are thoroughly checked by verifying the bills and vouchers. If anydiscrepancy is found, the same is brought to the notice of the concern person for clarification, if any. Thefinal report is prepared with reference to the clarification and submitted to the Management for necessaryreview and direction to employee.

Process of the external audit: The accounts of the institution are audited by chartered accountant regularly as per the government rules.The auditor ensures that all payments are duly authorized after the audit, the report is sent to themanagement for review. Any

queries, in the process of audit would be attended immediately along
with thesupporting documents within the prescribed time limits. The
institution did not come across with any majoraudit objection during
the preceding years.The audited statement is duly signed by the
authorities of the management and chartered accountant. Thesame is
uploaded in the institution website.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	**No File Uploaded**

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes by constantly reviewing the teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals

The primary aim of HITS IQAC is to develop a system for conscious,
consistent and catalytic action to improve the academic and
administrative performance of the institution and to promote
measures for institutional functioning towards quality enhancement
through internalization of quality culture and institutionalization
of best practices.

IQAC shall evolve mechanisms and procedures for the following

*   Ensuring timely, efficient, and progressive performance of
    academic, administrative, and financial tasks.
*   The relevance and quality of academic and research programmes.
*   Equitable access to and affordability of academic programmes
    for various sections of society.
*   Optimization and integration of modern methods of teaching and
    learning.
*   The credibility of evaluation procedures.
*   Ensuring the adequacy, maintenance and proper allocation of
    support structure and services.
*   Sharing of research findings and networking with other
    institutions in India and abroad.
*   Development and application of quality benchmarks/parameters
    for various academic and administrative activities of the
    institution.
*   Facilitating the creation of a learner-centric environment
    conducive to quality education and faculty maturation to adopt
    the required knowledge and technology for participatory

teaching and learning process.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	**No File Uploaded**

6.5.2 - Institution has adopted the following for Quality assurance Academic Administrative Audit (AAA) and follow up action taken Confernces, Seminars, Workshops on quality conducted Collaborative quality initiatives with other institution(s) Orientation programme on quality issues for teachers and studens Participation in NIRF Any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)	**A. Any 5 or all of the above**

File Description	Documents
Paste web link of Annual reports of University	**Nil**
Upload e-copies of the accreditations and certifications	**No File Uploaded**
Upload any additional information	**No File Uploaded**
Upload details of Quality assurance initiatives of the institution (Data Template)	[View File](#)

6.5.3 - Incremental improvements made for the preceding during the year with regard to quality (in case of first cycle) Post accreditation quality initiatives(second and subsequent cycles)

The institution has a regular practice of Quality enhancement in academic and administrative activities of the institution through IQAC. The IQAC conducts academic and administrative audit every year. The various departments submit the Quality Evaluative Report with SWOC analysis as per the prescribed format. The reports are reviewed in the IQAC meeting and the necessary direction, guidelines, policy were communicated to the concerns for the effective implementation and enrichment of Quality in the process. The process of quality enhancement is carried out through the following.

- Introduced reforms in the online Performance Based Appraisal System (PBAS) for faculty quality improvement.
- Quality Audit Processes for NBA (5 Programmes), NIRF and QS rankings with regular audits and quality feedback.
- Improving quality of teaching by insisting the faculty to pursue MOOC courses and attend the faculty development programmes from institutions of repute.
- Improve quality of research by emphasizing faculty to publish their research work in indexed and Q1 journals.
- Curricula and Syllabi revision for all the programmes of the University
- Introduced Quality control audits for Laboratory practices.
- Preparation and dissemination of Strategic Plan and its implementation for the University for Rankings and Accreditation.
- Introduced project-based learning for all courses.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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. Describe gender equity & sensitization in curricular and co-curricular activities, facilities for women on campus within 100 - 200 words

The institution has 42% of women employees and 21% of women students. The institution has constituted several committees and centres on campus for women welfare. The centre promotes gender equity, women empowerment and provides a forum to address the various challenges of women. The centres include Empower – A women empowerment cell, Gender equality cell, Women grievance cell, Internal Complaint Committee (ICC) - prevention of sexual harassment, Women welfare committee and Women Counselling Cell. Each committee has been constituted in line with the guidelines of the AICTE, UGC, Government of India. The committee meets in regular intervals to discuss the activities and submits the recommendation to the authorities for necessary perusal and approval. The various committees, constitution and responsibilities are available at www.hindustanuniv.ac.in for reference. Each centre has a specific committee and Head. Enquiry committee is formed if there is any

complaint and further action is taken if it is proved with sufficient evidence. Women Counselling Cell at HITS is established to counsel the staff and the students to develop their positivity and self-esteem, and encourage the staff and students to work comfortably in campus and also guide the students to perform well in academics.

File Description	Documents
Annual gender sensitization action plan	Nil
Specific facilities provided for women in terms of: a. Safety and security b. Counselling c. Common Rooms d. Day care center for young children e. Any other relevant information	Nil

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment	A. 4 or All of the above

File Description	Documents
Geotagged Photographs	No File Uploaded
Any other relevant information	No File Uploaded
as per data templates	No File Uploaded

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 100 - 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

Solid waste management: The waste management policy of the institute is to Reduce, Reuse, and Recycle in an effective manner. The institution follows Solid Waste Management (SWM) Rules 2016 as brought out by the Ministry of Environment, Forest and Climate Change, India. The recycle bins are kept in appropriate places in the campus in ample frequency to collect and segregate the solid waste. The colour coding bins are used to segregate and collect the bio-degradable and non-bio-degradable wastages as per the guidelines.Liquid waste management: The institution has a Sewage Treatment Plant (STP) with a capacity of 150 KLD. The entire

institution's liquid waste is channelized to the STP where it is reused for plants, gardening and other flushes. The food wastes from hostels and campus canteen have high organic content and hence it is treated by the process of bio-methanation which is most viable as it produces useful products like biogas and enriched manure.Bio-medical waste management: The biomedical wastage has been recycled and disposed appropriately as per the Bio-medical waste management policy 2016. The incinerators are placed at Hostels, Campus Clinic and Ladies Common Room (LCR) for the effective disposal of biomedical waste.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geotagged photographs of the facilities	No File Uploaded
Any other relevant information	No File Uploaded

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	No File Uploaded
Any other relevant information	No File Uploaded
as per data tempalets	No File Uploaded

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	**No File Uploaded**
Various policy documents / decisions circulated for implementation	**No File Uploaded**
Any other relevant documents	**No File Uploaded**
as per data templates	<u>View File</u>

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

7.1.6.1 - The institutional environment and energy initiatives 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	**No File Uploaded**
Certification by the auditing agency	**No File Uploaded**
Certificates of the awards received	**No File Uploaded**
Any other relevant information	**No File Uploaded**
as per data templateds	<u>View File</u>

7.1.7 - The Institution has disabled-friendly, barrier free environment 1. Built environment with ramps/lifts for easy access to classrooms. 2. Disabled-friendly washrooms 3. Signage including tactile path, lights, display boards and signposts 4. Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material and screen reading	**All 5 or any 4 of the above**

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

The institute is proactively taking efforts in providing an inclusive environment and has conducted many initiatives for social and economic upliftment of the needy and setting communal harmony.

· The institution has adopted 5 local villages (Padur, Kelambakkam, Ilalur, Kayar & Pudupakkam) and has taken wide steps to uplift the socio-economic standards of the villages and cater to the needs of the village people by providing the necessary commodities and organizing awareness programmes for them.

· The institution has a regular practice of extending service to the society during natural calamities. The institution has donated more than 3 Crore for the various relief activities including flood, cyclone, Covid-19. A total of 567 students and staff volunteers have participated in distributing the relief materials worth 6.0 crores in the last five years.

· The institution offers various scholarships for economically backward candidates.

The institution celebrates cultural, communal, regional commemorative days and conducts programs to emphasize its significance and create awareness. The institution has organized various events on important areas like Rainwater Harvesting Awareness, One Student One tree, Blood Donation Camp, Swachatha Hi Seva campaign, Rain coat distribution, Swachh Pakhwada, Republic Celebrations & Gram Sabha, Corona awareness Camp, Hindustan Covid Camp etc. in last five years.

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

The institution has made persistent efforts to make the students and employees to be a responsible citizen of the country. The institute organises various programs to sensitise students in this regard.

- The institute believes that Social responsibility is a virtue and our students actively participate in clean up campaigns both in and outside campus. Our massive volunteer clean up campaigns aligned to Swachh Bharat missions have involved thousands of students and staff in the institution.
- The institute always insists its students to celebrate pollution free Diwali in campus and also in their homes to

- avoid light, sound and air pollution by the crackers.
- The K.C.G. Fashion Bank project in the institution aims toward a sustainable solution of minimizing wastage by re-cycling and re-using used clothes. The initiative creates awareness on various issues due to overconsumption, de-stigmatize re-used, re-styled and thrift clothes.
- The institute organised an event "Walk for Water" for creating public awareness and environmental consciousness in relation to the dimensions of the problems that arise from scarcity of water and reiterated the vitality of water and how as individuals we should have responsibility to protect and preserve water.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	Nil
Any other relevant information	Nil

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic 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 organized professional ethics programmes for students, teachers, administrators and other staff during the year Annual awareness programmes on Code of Conduct were organized during the year	A. All of the Above

File Description	Documents
Code of ethics policy document	No File Uploaded
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the variousprogrammes etc., in support of the claims.	No File Uploaded
Any other relevant information	No File Uploaded
as per data templates	View File

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

The institute inculcates values and nationalism in the students by celebrating the national festivals and birth anniversaries of great Indian personalities in the college campus every year. Eminent personalities are invited to motivate staff and students with their inspirational speeches on those days.

· Every year, the Institution celebrates Republic Day and Independence Day. The National flag is hoisted by the Vice Chancellor in the presence of a Chief Guest and presents medals and certificates to the Staff, students, NCC cadets etc. for their best performance.

· National Unity day is celebrated on 31st October, to commemorate the birth anniversary of Sardar Valla Bhai Patel. All students and staff take part in the Run for Unity followed by the National Unity pledge.

· International Yoga Day is celebrated on 21st June every year in the campus. The sessions include orientation on Yoga, its mental and physical benefits and actual performance of some yoga asanas.

· International Women's Day is celebrated on 8 March 2022 every year with a remarkable packed audience of university students and staff.

The Management, staff and students join together to celebrate Onam, the annual harvest festival of Kerala with much fervour and enthusiasm in the month of September every year.

File Description	Documents
Annual report of the celebrations and commemorative events for the last completed academic year	Nil
Geotagged photographs of some of the events	Nil
Any other relevant information	Nil

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

BEST PRACTICE 1

Title of the practice: Outcome Based Education (OBE)

Objectives of the Practice

The objective of this best practice is to ensure that the curriculum, syllabi and teaching learning process focus on enhancing the ability of the students to apply the concepts learnt. and assessing. The faculty must be focused on helping students to develop the knowledge and necessary skill sets to enable them achieve the intended outcome. The aim of education is to prepare learners for life in society and for performing tasks.

The Context

Outcome-Based Education (OBE) is a student focussed learning system that helps teachers to plan the course delivery and assessment activities that directly attribute to course outcomes (COs) and Program specific outcomes (POs) as they are the base and tools used to measure the student performance.

BEST PRACTICE 2

Title of the practice: University-industry collaboration in curriculum design and delivery Objectives of the Practice

Objectives of the Practice

The prime objective of any educational system is to groom students into responsible citizens with a social concise and quality ethical standards.

File Description	Documents
Best practices in the Institutional web site	Nil
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

Incepted in 1985, Hindustan Institute of Technology and Science (HITS) has been excelling in diverse fields of Engineering and Technology, Architecture, Management, Law, Fashion, Design, and Arts, Aviation, Applied Sciences, Health Sciences, and Arts and Sciences. The School of Aeronautical Sciences, being the flagship School of HITS, housing the Department of Aeronautical and Aerospace Engineering since 1996 provides technical education in the field of Aeronautics. The B. Tech. The Aeronautical Engineering programme offered by the Department of Aeronautical Engineering is accredited by the National Board of Accreditation (NBA). The School of Aeronautical Sciences has acquired an exemplary reputation in providing undergraduate and postgraduate programmes by a blend of experienced faculty in Aircraft Design, Aerodynamics, Aircraft Structures, Aircraft Propulsion, Aircraft Systems and Avionics. Endowed with various types of Aircraft, Flight Simulators, Helicopters, and Fatigue Testing Machines, the School applies the latest technology to study the advancement in the field of Aviation, Space Exploration and Defence System. The School houses the Centre of Excellence for Centre for Autonomous Systems, Aircraft Maintenance and SIMCRASH under its flagship.

File Description	Documents
Best practices in the Institutional web site	Nil
Any other relevant information nuyg80i0	Nil