Yearly Status Report - 2019-2020

Part A	
Data of the Institution	
1. Name of the Institution	**HINDUSTHAN INSTITUTE OF TECHNOLOGY**
Name of the head of the Institution	**Dr.C.Natarajan**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**04222610844**
Mobile no.	**9994630696**
Registered Email	**hitprincipal@hindusthan.net**
Alternate Email	**principal@hit.edu.in**
Address	**Valley campus, Pollachi highway**
City/Town	**Coimbatore**
State/UT	**Tamil Nadu**
Pincode	**641032**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**Self financed**
Name of the IQAC co-ordinator/Director	**Dr.A.Jameer Basha**
Phone no/Alternate Phone no.	**04222610944**
Mobile no.	**9443403786**
Registered Email	**hit.csehod@hindusthan.net**
Alternate Email	**jameer@hit.edu.in**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://hit.edu.in/pdf/AQAR_18-19.pdf

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	http://hit.edu.in/images/AC.jpg

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**A**	**3.03**	**2016**	**25-May-2016**	**24-May-2021**

6. Date of Establishment of IQAC	**12-Jun-2015**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
AQAR submission	**21-Jun-2019** **2**	**18**
UGC Committee visit	**05-Oct-2019** **2**	**154**

Academic audit	08-Nov-2019 4	154	
Participation NIRF	11-Jun-2020 1	24	
First Annual IQAC Meeting	22-Nov-2019 1	22	
Second Annual IQAC Meeting	12-Mar-2020 1	22	
Third Annual IQAC Meeting	07-Aug-2020 1	22	
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
HITEC/AERO/ Dr. K.P.Dhanabalakrishnan	MODROB	AICTE	2020 1095	1100000
HITEC/CSE/ Ms.B.Kiruba & Ms.P.Jeevitha	Workshop	CSIR	2019 3	125000
HITEC/CSE/ Ms. A.Benazir Begum	Seminar	CSS Corp	2019 1	10000
HITEC/CSE/ Ms. S.Priayadharshini	Seminar	Seminar	2019 1	25000
HITEC/ECE/ Dr.B.Paulchamy	Student Project	TNSCST	2019 365	7500
HITEC/ECE/ Dr.B.Paulchamy & Dr.S.Chinnapparaj	Project	IEI	2019 365	20000
HITEC/IT/ Mr.B.Manikandan	Seminar	CSIR	2019 1	25000
HITEC/MECH/ Mr.K.Kalidas	Student Research Project	Intech Olympiad	2020 1	12000
HITEC/MECH/ Dr. S.R.Rajapalayanan	STTP	AICTE	2020 6	300000
HITEC/MECH/ Dr. S.R.Rajapalayanan & Mr.M.Viswanath	Research Project	DST-NSDMS	2019 365	1303800
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9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	[View File](#)
10. Number of IQAC meetings held during the year :	**3**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	[View File](#)
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**

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

Successfully upgraded our Institution to Autonomous status

Framing of curriculum and syllabus has been done by IQAC

The IQA cell motivates the faculty members to participate in various online programmes in the current pandemic period

All the faculty members are motivated by IQAC to publish journals, write books and to apply funding for research projects

Quality of online teaching is verified and way of teaching is improved further by the implementation of ICT Tools

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
Using the pandemic period effectively by the students and participants	Faculty members and students are advised to attend and complete free courses in coursera through Institutional login.
Research and Development: Applying funding projects Doing more research related projects and works	Faculty members received funds for various funding projects and grants and Published more research journals and papers in various Scopus Index journals
Industrial Interaction: To sign more	Various MOUs are signed Thereby more

MOUs with reputed organizations. To organize more implant trainings, Industrials Visits and Internships.	implant trainings, industrials visits and internships are organised. Student exposure to present scenarios
Placement: More Placement Training classes are planned. More Mock Interviews are planned	The students got groomed themselves to meet the requirements of the recruiter.
Teaching Learning Process: Introduction of Innovative ICT enabled classrooms Internal academic audit and stock verifications	Understanding of the concepts by students Increased. Students practical skills are improved much helping them to solve real time problems in their fields.
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14. Whether AQAR was placed before statutory body ?	No
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
Date of Visit	05-Oct-2019
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2020
Date of Submission	07-Jan-2020
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	All the student details (Ex: Name, Register No, Contact details, Parent Details, Academic performance etc.,) are updated in the MIS. The student attendance will be monitored in the MIS for every hour. Message will be sent to students parents who are absent that day. The students' academic performance will be observed through the automated result analysis and comparison made by MIS based on the University and Internal results and their performance can be analysed and improvements can be enhanced. The slow learners can be identified by data analysis made and special care will be given to improvise their performance. All the materials required to update their knowledge regarding academics (i.e., Soft Notes, Class Timetable, Marks and result

analysis etc) are made online though
their login. The details of upcoming
seminar, conference, workshop, sports
and cultural event in other colleges
will be uploaded in the MIS. And also
the winners list will be highlighted on
the same.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

Academic Calendar: Academic calendar is prepared adhering to the academic schedule prescribed the University at the beginning of every semester. It reflects the working days, the internal assessment test schedule, tentative dates of commencement of theory and practical examinations on the semester. Time table: The Timetable Committee headed by the Principal and a senior Faculty Member draws up a detailed timetable which efficiently deploys the units of time for academic and co-curricular purposes as for example, theory, practical, tutorial, ICT, life-skill, value education and add-on classes Course Information Sheet (CIS): Every faculty will submit course information sheet for his/her subject and get signed by the head of the Institution before the commencement of semester. The CIS should contain the mapping of course outcome (CO) with programme outcome (PO) for every unit of syllabus. The lecture plan mentioned in the CIS should be coincide (Minimum 80%) with the record of class work. Smart Class: All the department faculties are instructed to conduct the classes with power point presentation, Video session and various methods which can get the student involvement. Syllabus completion: Faculty members take utmost care to complete the syllabus in time. Tutorials/projects, class tests and internal assessments comprise the formal evaluative processes, but students are encouraged to meet faculty beyond classroom hours for doubt-clearing and curricular discussions. Internal Assessment Test: The internal assessment system of the students is transparent. The test answers and marking scheme is discussed by the faculty with the students. The attendance record of each student is maintained and due weightage is given for attendance in theory class and practical sessions, performance in tests/tutorials and timely submissions will be added as an additional score to the students internal mark. Assessment for Value Added Course is introduced by providing one / two credit courses shall carry 100 marks and shall be evaluated through continuous assessments only. Practical Lab: All the equipment's availability and working condition are verified at the end of every year by the other department faculty members (Auditing committee) which will formed by the head of the institution; The faculty who is going to take lab classes has to run each experiment in front of HOD. And also he needs to submit the lab manual with master reading to the HOD before the commencement of semester. IQAC Assistance: The Internal Quality Assistance Cell (IQAC) which is headed by the Principal with the team of senior faculties helps and motivates each individual faculty and the students to succeed in his work. Industrial Visit: All the department involves to get approval from various Industries for Industrial visit to give live demonstration. Inplant training: The students are motivated to attend inplant training during his/her vacation period. Coaching classes: The slow learning students list will be shortlisted and coaching class apart from the normal regular classes will be scheduled for each subject. Employability Enhancement Course: Every student is expected to present a minimum of 2 seminars per

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
RedHat	**07/01/2020**	**1**	**Focus on Emp loyability**	**Skill Development**
Coursera	**16/12/2019**	**35**	**Focus on Emp loyability**	**Skill Development**

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BTech	**Pharmaceutical Technology**	**04/06/2019**
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
No Data Entered/Not Applicable !!!		

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	**38**	**10**

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Differential Amplifiers – Analog Electronic Circuits	**12/08/2020**	**200**
ANSYS	**26/12/2019**	**30**
CATIA	**16/12/2019**	**45**
Salesforce	**30/09/2019**	**65**
Red Hat Administrator Training	**14/08/2019**	**80**
Skill Training in Technology and soft skills in association with CSS Corp and ICT Academy	**24/07/2019**	**52**
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	**Aeronautical Engineering**	**65**

BE	Automobile Engineering	18
BE	Computer science and Engineering	19
BE	Electronics and Communication Engineering	230
BE	Mechanical Engineering	35
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained

Feedback form/formats are designed for the stakeholders. This includes faculty feedback, alumina feedback, student feedback, course exit survey, etc. Faculty feedback from the students for the respective course is taken twice in a semester on various teaching/learning aspects and it is analysed by the HODs and corrective measures if any, are informed to the respective faculties for further improvements. Course exit feedback and program exit feedbacks are taken to analyse the understanding capability of the students. Feedback from the parents is taken by interacting with them during Parent Teacher Meet. Feedback is taken from alumni for suggestions or improvements in the curriculum. Feedback from the final year students are taken for their suggestions in improving the curriculum and it is conveyed to the Chairman, BOS of the respective programmes of Affiliated University. Feedback from faculties is also taken for their suggestions in syllabus revision. Feedback is also collected from the companies. This feedback is discussed in meeting of training and placement cell. Library has pre-designated feedback forms which are kept on the circulation counter and open to fill-up by any user as per their wish. The collected data is entered in excel sheet and is presented in front of library committee for review and discussion. We have also installed a suggestion box which is accessible to all the stake holders so that they can give their feedback/ suggestions for improvements, if any. We have a system of taking feedback from students on infrastructure and subject wise teachers. This is a feedback on 5-point scale, which measures parameters like Subject knowledge, Expression, Teaching aids and methodology etc. which is analysed by our management for taking appropriate decisions for improving the infrastructure and quality of teachers. The alumni feedback and exit feedbacks are taken from all students. From these forms we can make out whether the proper teaching learning process is in place. Also, this process enables the institute to improve in the areas wherever necessary. The feedback is key tool which triggers in continuous improvement in the quality of education.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BE	Aeronautical Engineering	60	46	45
BE	Automobile Engineering	60	10	9
BE	Computer Science and Engineering	126	180	122
BE	Electronics and Communication Engineering	126	180	113
BE	Mechanical Engineering	126	84	79
BTech	Informaton Technology	60	55	54
BTech	Pharmaceutical Technology	60	11	11
MBA	Master of Business Administration	60	60	60
ME	VLSI	24	3	1
ME	Computer Science and Engineering	24	2	1

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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	1321	63	138	16	0

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
154	154	160	25	14	12
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2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Yes The institution has a well-defined mentoring system. Both academic and personal counselling will be

provided to the students. For every 20 students, a mentor is allocated and they will interact with the students. Tutor ward meeting will be conducted one in a week. Mentoring record is maintained for each student. During Tutor Ward Meeting hour, the corresponding mentor will interact with their wards and identify their academic and personal grievances. The difficulties of students are given personalized attention. The counseling reports are sent to HoD of the Department and if necessary they are sent to the Dr. M. Vijaykumar, MD (Hypno), Psychologist, for a professional counseling. The students are closely monitored and their involvement in their studies is observed easily, which in turn helps to improve the performance of the student. Mentoring process starts from the first year of their course after the completion of their admission process. Each mentor is entrusted with 20 students. The mentor monitors the regularity in attendance and performance of their wards in academics. The students are given freedom to express their grievances to their mentors, so that they can initiate suitable steps to solve it to the extent possible. In addition to the above, the mentor offers counseling human values, ethics and core principles of success to their wards. An hour is allocated for Tutor Ward Meeting (TWM)in regular time table and the TWM minutes is submitted every week to the Head of the Department for further action. In addition to counseling, the mentors motivate the students to prepare for placements and to prepare for the competitive exams such as CAT, GATE, TOEFL, GRE, GMAT and IELTS for higher studies.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1384	154	9:1

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
12	12	0	12	16

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr.V.Vignesh	Assistant Professor	Top 100 International Distinguished Educators 2020 Green Thinkerz
2019	Dr.B.Paulchamy	Professor	Best faculty award (Senior Category) Nehru College of Educational and Charitable Trust
2019	Mr. K. Kalidas	Assistant Professor	Best Mentor Award, Intech Olympiad College of Engineering, Pune
2020	Mr.M.Manickaraja	Assistant Professor	Mentor – Smart India Hackathon MHRD AICTE
2020	Dr. A. Jameer Basha	Professor	E-Yandra TBT Winners IIT – Bombay
2020	Dr.S. Lokesh	Associate Professor	E-Yandra TBT Winners IIT – Bombay

| 2020 | Mr.N.Maheswaran | Assistant Professor | National Eminent Engineer Award'20 International Institute of Organized Research |
| 2020 | Dr.B.Paulchamy | Professor | Bharat Vidya Shiromani Award Indian Solidarity Council, Tolstoy Marg, New Delhi. |

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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BE	101,	ODD	19/10/2019	29/01/2020
BE	102	ODD	19/10/2019	29/01/2020
BE	104	ODD	19/10/2019	29/01/2020
BE	106	ODD	19/10/2019	29/01/2020
BE	114	ODD	19/10/2019	29/01/2020
BTech	205	ODD	19/10/2019	29/01/2020
BTech	237	ODD	19/10/2019	29/01/2020
ME	405	ODD	19/10/2019	29/01/2020
ME	419	ODD	19/10/2019	29/01/2020
MBA	631	ODD	19/10/2019	29/01/2020

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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Each department has decentralized department exam cell. The department exam cell plans for conducting internal exam and prepares a schedule and circulates among the students and faculty members. The faculty members are asked to submit the question paper well in advance before the commencement of internal exam. Each question is verified by the DAC and approved by Head of the department and Principal. The question papers for the Internal Assessments (1, 2, and 3) are framed on the basis of Bloom's Taxonomy. This model is used to classify the learning objectives into levels of complexity and specificity. The QUESTION PAPER is set such that it tests the subject knowledge, analytical skill, design skill and justification skill of the student in CO attainment. Each question is mapped to a particular CO. Each question paper is scrutinized by the Department Advisory Committee to ensure its standard in CO and PO attainment and approved by HOD.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

Being an affiliated institution, we strictly stick on to the academic schedule prepared by Anna University, Chennai. The institute academic calendar is prepared based on the University Calendar with test slots. Each department

prepares their academic calendar with reference to the institution academic calendar. The following are the details in department academic calendar: • Commencement of Classes • List of Working Days • List of Holidays • Association inauguration and Events(Seminars Workshops) • Symposium And National Level Conference • Internal Assessment Test Schedules • Model Exam (Theory Practical) • Commencement of University Practical • Tentative University Exam Schedules All activities, lecture plans are prepared based on the academic calendar. The head of the department and institution head periodically monitors the progress. If any deviation is noticed, proper remedial actions like handling extra classes, compensation of a classes etc are planned accordingly.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

http://hit.edu.in

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
101	BE	Aeronautical Engineering	33	24	72.72
102	BE	Automobile Engineering	43	36	83.72
104	BE	Computer Science and Engineering	76	47	61.84
106	BE	Electronics and Communication Engineering	67	56	83.58
205	BTech	Information Technology	42	19	45.24
114	BE	Mechanical Engineering	118	66	55.93
631	MBA	Management of Business Administration	60	54	90
405	ME	Computer Science and Engineering	1	1	100
419	ME	VLSI Design	1	1	100

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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

http://hit.edu.in

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
No Data Entered/Not Applicable !!!				
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3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
National Seminar on Emerging Technologies in Drones	Aeronautical Engineering	31/01/2020
ISHRAE inauguration and guest lecture	Automobile Engineering	22/08/2019
Webinar on product development	Automobile Engineering	05/08/2019
Webinar on research paper writing	Automobile Engineering	13/07/2020
One day workshop on Non-destructive testing	Automobile Engineering	28/09/2019
Guest lecture on the topic of Adventure trip on road	Automobile Engineering	12/06/2020
Webinar on Building insightful applications using angular JS and AST.NET	Computer Science and Engineering	25/07/2020
CSIR Sponsored One Day National Level Technical Seminar on 5G Simulators and Implementation of Testbeds	Computer Science and Engineering	17/07/2020
Webinar on data science	Computer Science and Engineering	14/07/2020
Webinar on applications of machine learning in Covid'19	Computer Science and Engineering	04/07/2020
CSIR Sponsored One Day National Level seminar on Augmented Analytics – The next generation Data Analytics Using Machine Learning	Computer Science and Engineering	07/02/2020
DST-NSTEDB Sponsored "Entrepreneurship Awareness camp"	Computer Science and Engineering	19/12/2019

One Week Training on Salesforce ADX201 - Administrator" in association with ICT Academy	Computer Science and Engineering	30/09/2019
CSIR Sponsored Two Days National Level Workshop on Challenges and Opportunities of Virtual Reality and Augmented Reality integrated with AI.	Computer Science and Engineering	18/09/2019
Skill Training in Technology and Soft Skills in association with ICT Academy and CSS Corp	Computer Science and Engineering	24/07/2019
CSIR Sponsored Two days National Level workshop on Challenges and Opportunities in integrating Blockchain Technology with IoT	Computer Science and Engineering	25/07/2019
FDP on Data science and Big data Analytics in association with ICT Academy	Computer Science and Engineering	11/06/2019
Webinar on safe handling of smart phones	Electronics Communication Engineering	05/08/2020
Webinar on brain network models of human MEG	Electronics Communication Engineering	31/07/2020
Webinar on future scope and applications of artificial intelligence	Electronics Communication Engineering	30/07/2020
Webinar on embedded systems for Bio medical applications	Electronics Communication Engineering	28/07/2020
Webinar on hardware malware	Electronics Communication Engineering	27/07/2020
Webinar on exposure of IoT in real time applications	Electronics Communication Engineering	25/07/2020
Webinar on Introduction to data science	Electronics Communication Engineering	22/07/2020
Webinar on biomolecule functionalised scaffolds for meniscus tissue engineering	Electronics Communication Engineering	14/07/2020
Webinar on next gen mobile automation platform	Electronics Communication Engineering	13/07/2020

Webinar on exploring the cloud infrastructure with Microsoft azure	Electronics Communication Engineering	04/07/2020
Webinar on Signal detection in cognitive radio networks	Electronics Communication Engineering	23/06/2020
Webinar on employment awarenesss program during COVID'19	Electronics Communication Engineering	20/06/2020
Webinar on how to prepare for a successful interview post COVID'19	Electronics Communication Engineering	17/06/2020
Webinar on cyber security essentials for youngsters	Information Technology	20/06/2020
Webinar on explore IT with AI for a winning career	Information Technology	19/06/2020
Webinar on block chain technology, application use cases	Information Technology	17/06/2020
Webinar on carbon neutrality and industrial sustainability.	Mechanical Engineering	27/06/2020
Webinar on New Product Development	Mechanical Engineering	17/07/2020
Department of Science and Technology (DST) sponsored Entrepreneurship Awareness Camp	Mechanical Engineering	22/01/2020
National Level Seminar on Hydraulic Systems in Industries	Mechanical Engineering	08/01/2020
National Level Technical Symposium	Mechanical Engineering	26/09/2019
Scope of Mechanical Engineering in AEC Field	Mechanical Engineering	17/09/2019
Webinar on Density functional theory approach for the evaluation of medicinal characteristics during this pandemic situation	Science Humanitics	22/07/2020
Webinar on inspire, discover and empower yourself	Science Humanitics	17/07/2020
Webinar on role of mathematics in engineering	Science Humanitics	15/07/2020
Webinar on fraction differential equation	Science Humanitics	06/07/2020

with perturbation of linear matrices		
Webinar on simulation modelling of business process using simquick	Science Humanitics	25/06/2020
Webinar on the pedagogical innovations of the 21st century	Science Humanitics	26/06/2020
Webinar on B-coloring of corona graphs	Science Humanitics	23/06/2020
Merchant Banking and Financial Services	Master of Business and Administration	29/09/2019

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Design cost effective business solution with good use of technology for automated snacks vending machines at public places	K.Kalidas S.Kamalesh	Intech Olympiad 2020	15/02/2020	Innovative Project
Task Based Training	E.Krishna Kumar	eyantra	01/10/2019	Teacher Training
Task Based Training	R.Priyadharsini	eyantra	01/10/2019	Teacher Training
E-Yantra TBT Challenge	Dr.A.Jameer Basha	IIT – Bombay	22/08/2019	E-Yantra TBT Challenge Winners
E-Yantra TBT Challenge	Dr.S.Lokesh	IIT – Bombay	22/08/2019	E-Yantra TBT Challenge Winners
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
00	00	00	00	00	19/11/2020
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
1000	2000	5000

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded

Electronics Communication Engineering	3

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
National	Aeronautical Engineering	3	1.5
National	Master of Business Administration	1	3.2
International	Aeronautical Engieering	1	1.0
International	Automobile Engineering	2	2.0
International	Computer Science Engineering	2	1.3
International	Electronics Communication Engineering	6	5.0
International	Mechanical Engineering	4	3.2
International	Science Humanities	4	0.3
International	Master of Business Administration	1	1.2
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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Aeronautical Engineering	1
Automobile Engineering	1
Computer Science Engineering	1
Electronics Communication Engineering	33
Mechanical Engineering	5
No file uploaded.	

3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
No Data Entered/Not Applicable !!!						
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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication

No Data Entered/Not Applicable !!!			
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	**52**	**129**	**120**	**50**
No file uploaded.				

3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Voluntary Blood Donation Camp	**Hindusthan Institute of Technology Shanthi Social Services**	**32**	**184**
Free Eye screening camp for students and employees	**Hindusthan Institute Of Technology Aravind Eye Hospital**	**52**	**582**
Orientation programme for NSS PO	**Anna University**	**2**	**4**
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
00	**00**	**00**	**0**
No file uploaded.			

3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Swachh Bharat	**Hindusthan Institute of Technology Malumichampatti Village Panchayat**	**Village and school cleaning**	**2**	**20**
Smart India Hackathon	**AICTE**	**Project**	**6**	**24**
National Innovation contest 2020	**Institutions Innovation Council**	**Project**	**5**	**20**

Intech Olympiad	College of Engineering, PuneCollege of Engineering, Pune	Project	1	2
NSS	Shanthi Social Services	Social Service	1	10

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3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
No Data Entered/Not Applicable !!!			

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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
No Data Entered/Not Applicable !!!					

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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
No Data Entered/Not Applicable !!!			

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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
120	101.64

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Others	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Existing

Video Centre	Existing
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing
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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
Library Information Processing System (Lipsinet)	Fully	1.0	2009

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	19286	7451288	438	867258	19724	8318546
Reference Books	4834	1688608	74	146824	4908	1835432
e-Books	3700	0	1300	0	5000	0
Journals	118	0	12	0	130	0
e-Journals	988	0	112	0	1100	0
Digital Database	10	450000	0	0	10	450000
CD & Video	1472	0	65	0	1537	0
Library Automation	1	200000	0	0	1	200000
No file uploaded.						

 4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Ms.S.Priyadarshini	Immer-Reality	Moodle	14/10/2020
Mr.Manicka Raja	Basics of Web Page Development	Moodle	14/10/2020
No file uploaded.			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidt	Others

								h (MBPS/ GBPS)	
Existing	744	4	744	1	1	5	14	150	16
Added	0	0	0	0	0	0	0	0	0
Total	744	4	744	1	1	5	14	150	16

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

150 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Google Classroom-Human Computer Interface	https://drive.google.com/file/d/1zwz-1tBlMFSBQdjBDZJ2fZFKhaRxZxo4/view?usp=sharing
Google Classroom-Machine Learning	https://drive.google.com/file/d/1OmkWdUVnJfniTh-50jb0Laqap7WxGKVO/view?usp=sharing
Google Classroom-Object Oriented Programming using Java	https://drive.google.com/file/d/1JXq-6xBB-z4-pc5qHSEXgg7LXmDYYEcY/view
Google Classroom-Computer Networks	https://drive.google.com/open?id=1nWy-SZkSEVTH_r-g3orHXDJ7V473Khum
Google Classroom-Human Rights	https://drive.google.com/open?id=1gBAFYf6GpNg7UfADznJTGUF8bMQdyQ7N
Google Classroom-Cryptography and Network Security	https://drive.google.com/file/d/1-sFO4pGli43Usxfo_ASBbxcAwqdGdLCt/view?usp=drivesdk
Google Classroom-Cloud Computing	https://drive.google.com/open?id=1QfqzBeqUFqHPftEmO0wPu3o_nqsq7Eie
Google Classroom-Principles of Management	https://drive.google.com/file/d/1GxxihNG_oAwHtRnQaQ1apEpuZOihGwh_/view
Google Classroom-Theory of Computation	https://drive.google.com/open?id=1fNsCmsQIjRzrYZ-tPkhsdYeZID_Vd8jQ
Google Classroom-Object Oriented Analysis and Design	https://drive.google.com/file/d/18V4SxKS-WRHDAS-gjm-8yp1f0--R-N_7/view
Google Classroom-Software Project Management	https://drive.google.com/file/d/1se7-AWWvG-nx3HQvgCNctyt13nk242F6/view
Google Classroom-Programming and Data Structures	https://drive.google.com/file/d/1vvhS1yC_kYehE1XChBAhpT3vl9PRojkb/view
Google classroom – Automotive Transmission	https://drive.google.com/file/d/1axPlaWtMnz3ZgyRyFz-FO7j0P2d1XMyB/view
Google classroom – Manufacturing of Automotive components	https://drive.google.com/file/d/1uSWMP6plifUExzuDwGCUfgxpUyLwUPaK/view
Google classroom – Vehicle design Data Characteristics	https://drive.google.com/file/d/1FvyX35uXEmeV8RpeP-devQ2S9Hf0e-M8/view?usp=sharing
Google classroom – Engine And vehicle Management System	https://drive.google.com/file/d/1TnXDHJ--0i4bDnlwx2shjEGUltkSpEKu/view?usp=sha

	ring
Google classroom – Automotive Electrical Electronics System	https://drive.google.com/file/d/1jwd2f5L_0ED8Z-X9IAXbBnAGazbHJPwE/view?usp=sharing
Google classroom – Spark ignition Engines	https://drive.google.com/file/d/1kj4Tx6kiiUm8XB3srmGHMIyDyS791snY/view?usp=sharing
Google classroom – Manufacturing Technology	https://drive.google.com/file/d/1VqZyI8YgCSZEMc0Xkm2YMuIvHIwgQkUd/view?usp=sharing
Google classroom – Testing Of Materials	https://drive.google.com/file/d/1AE_oF5qNEoQvLmTYQ_iM1mYTu0uLPHnV/view?usp=sharing
Google classroom – Finite Element Analysis	https://drive.google.com/file/d/1WlYVzpFvtATb3jc9Bjf_Lsbsfa9NHVzE/view?usp=sharing
Google classroom – Automotive Fuels lubrications Laboratory	https://drive.google.com/file/d/1ycX-JNAFNhweSq4XCnE34MXyBF4pk68L/view?usp=sharing
Google classroom – Engineering Thermodynamics	https://drive.google.com/file/d/1AG122wFEfBk0M4rxHa969YX1zMC8Mzhq/view
Google classroom – Renewable Energy Sources	https://drive.google.com/file/d/1RLCG_VNRuI_YOm3UAr3To2xb0wi0gBFU/view
Google classroom – Non Destructive Testing and evaluation	https://drive.google.com/file/d/1609RH9ldvYfBlAaa3MQwJyZym1jL19RL/view
Google classroom - Fluid Mechanics and Machinery	https://drive.google.com/file/d/1unEtdIiFsHavxnEqnMwWDep9zDKPC0_4/view
Google classroom – Simulation and Analysis	https://drive.google.com/file/d/1bpuqTK-DMUsU-jhLZT9NIDbYMDR3FYqP/view
Google classroom - Thermal Engineering	https://drive.google.com/file/d/1JEC-TqKlr5xcc_Q-s_Puz4qZEjtTxY6q/view
Google classroom – Robotics	https://drive.google.com/file/d/1rcIx_I3_w1BMVeBr1YowwOjokFBesU3j/view
Google classroom – Product Design and Development	https://drive.google.com/file/d/1fgN5QhZpOYE9BcQYBSJ6BhnefwwFAikJ/view
Google classroom – Dynamics of Machines	https://drive.google.com/file/d/1XesUXWXpaM5RmESlPPyD-DoUa48hhs5s/view
Google classroom – Process, Planning and Cost Estimation	https://drive.google.com/file/d/1GAZXXMOw2IbzEKFmWxc4UeIZ339Nw7yT/view
Google classroom – Design of Machine Elements	https://drive.google.com/file/d/1b8cSa5cZBdn3EWJ5nAAW5Wf1oV8xiVfF/view
Google classroom – Additive Manufacturing	https://drive.google.com/file/d/1_lqatwkT1LD4Uu2ZxkDnw0ldrk1ZgFtK/view
Google Classroom – Digital Principles and System Design	https://drive.google.com/file/d/13bRZUhXCtnQwSVGL3XImBorhq6zYcDI3/view
Google classroom – Control Systems Engineering	https://drive.google.com/file/d/1fL5nF6AOdar1x9Ih7vWpwm9YHbXdtG8m/view?usp=sharing

Google classroom – Control Engineering	https://drive.google.com/file/d/1sed9Y6-orAPrUt5V8PISRNEXcUczxxi5/view?usp=sharing
Google Classroom – Optical Communication	https://drive.google.com/file/d/1dwAuNVboXfDu--746fVL6ZCnBhkYi4GX/view
Google Classroom – Ad Hoc And Wireless Sensor Networks	https://drive.google.com/file/d/121fLnGCY4T61wQ7fT0dxn0cY4HrMT_TZ/view?usp=sharing
Google Classroom – Communication Engineering	https://drive.google.com/file/d/1Efj-0sQ2bh_0ZBTXa1rIjF102NDZy3sk/view?usp=sharing
Google Classroom – Digital Electronics	https://drive.google.com/file/d/1rEvpqILw8FBY5QwVuPdcG0HOx_oHgRV7/view
Google Classroom – Signals and systems	https://drive.google.com/file/d/1V5hT1-PNWZZysQaPSzSBmFykg_JWn_ey/view?usp=sharing

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
50	46.33	32	29.71

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

4.4.2 Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link) Laboratory: Monthly maintenance will be carried out for all the lab by the Lab incharge Lab instructor. There will be auditing for the lab at the end of every semester at which the audit members will check the availability and working components of the lab equipment's. All the students will be allowed only after wearing uniform and shoe. The lab instructor will open/close the lab after entering the time in the key note. All the tools should be taken after entering the tool utilization note and should be placed in the proper position after completing the experiment. The students should clean his work area after completing the experiment. There is CC TV Camera for safety purposes and first aid box for emergency purposes. Hazardous chemical components are prohibited inside the lab. Library: All the students and the faculty members are instructed to put signature before and after the library use. There is a library hour for all the classes, during the time students can refer various journals, text/reference books and can surf the net. The student and staff can keep maximum five numbers of books and they have to return the book on or before the due date. All the department has to give the requirement of books for that academic year and the management will make the arrangement within a month. Gym: Tight / transparent cloths are prohibited. The entering members should obey for the trainer's rules and advice. Sports Complex: Our college has three physical directors with one women physical director. Various sports events are carried out for the students as well as staff members at the end of every year and the prize distribution will be held done on college day for winners. Computers: The numbers or computers for the

department, library and labs are satisfactory and are more than the required level. The student and the staff members are given with separate login ID. No one is allowed to login to some other ID. All the users are asked to log out and shut down the system properly before leaving the lab. No additional storage system (CD and pen drive etc.) should be used without prior knowledge of the Lab incharge. Latest Antivirus software is in use and there is CC TV Camera for safety purposes Class rooms: All the department is provided with one LCD projector class room. The cleanliness of the class room is very important. Every week the sweepers will clean the class room.

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CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Management scholarship	312	7360000
Financial Support from Other Sources			
a) National	Scholarship	1054	19511360
b)International	00	0	0
No file uploaded.			

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Student Membership -Aeronautical Society of India (AeSI)	19/08/2020	32	Aeronautical Society of India (AeSI)
Mentoring	12/02/2019	328	Faculty members
Skill Training in Technology and soft skills in association with CSS Corp and ICT Academy	24/07/2019	52	CSS Corp ICT Academy
Soft skill development	24/07/2019	30	CSS Corp
Personal Counselling	04/07/2019	452	Faculty Members
Tutor ward meeting	11/07/2019	1384	Facutly Members
Soft skill development	20/06/2019	30	Corporate Relation, Hindusthan Institutions
Language Lab	10/05/2019	50	Gate way Software Solution
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2020	Competitive examination Training	20	15	12	2
2020	Hindusthan IAS Academy	30	20	0	2
2019	GATE Exam	16	69	0	24
2019	Hindusthan IAS Academy	20	20	2	10
2019	Career Counselling	0	45	0	37
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
0	0	0

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
KG Information System, Tata consultancy Services, Cognizant Technology services etc.,	728	183	Anamalaais Toyota Service Ltd, Aee Bee Academy, Visual Solutions etc.,	89	47
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2020	1	BE	ECE	Hindusthan Institute of Technology	VLSI design

2019	1	BE	ECE	Kumaraguru College of Technology	Embedded Systems
2019	2	MBA	MBA	MS University	M.Phil

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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	3

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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Dirt bike racing	National	24
#TECHMAGNETZ19	National	100

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5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
No Data Entered/Not Applicable !!!						

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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

IQAC: The student member in IQAC is allowed to speak his / their problem and suggestions to the chief persons without any difficulties. SAE Coordinator: The student coordinator monitors varies SAE programmes held in various organization and gives suggestions to conduct the same or equal to that in our college. We the Automobile engineering has done SAE SUPRA Vehicle modelling and participated in a race held at Noida. Student Coordinators: The student coordinators have organized our department symposium (AUTOFERIEST 2k19) where all other students are cooperated with them and have done their duties well to conduct the symposium in a very good manner.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

1. The alumni are the one of the member in IQAC where he has given lots of suggestions to make the quality of the educational better. 2. Once in a year during the alumni meet, he/she is requested to give valuable suggestions to the juniors about the future employment, importance of scoring good marks, resume preparation etc. 3. The students have gone for Inplant training with the help of alumni on their working company. 4. We the staff members got permission for Industrial visit by the help of the alumni with proper permission from the higher authorities both the Institution and the Industry. 5. We have been

inviting alumni for one day guest lecture programme every year, where the students were enjoyed well and asked many doubt freely without any fear.

5.4.2 – No. of enrolled Alumni:

624

5.4.3 – Alumni contribution during the year (in Rupees) :

0

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni Talk series conducted by the Department of Automobile Engineering from 25.09.2020 26.09.2020

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

Practice 01: Our Institution follows the decentralization policy which is created by the governing body delegates which is headed by the principal. This committee formulates various working procedure and method of working based upon the vision and mission, and send to all the departments where it should be implemented without any deviation. Practice 02: The head of the department manages the day to day activities and keeps a track of curricular, co-curricular and extra-curricular activities in the College. Other units of the college like sports, arts, library etc. have operational autonomy under the guidance of the various committees/clubs/associations and students are involved from various departments in the decision-taking process.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Admission of Students	Admission cell will be formed at the end of every year which consists of active member in each department. Their duty is to attend parents come for enquiry and to guide through the entire college campus. So far strength of admission is good with meritorious students. Students are our main advertisers, they promote our college and lots of students are coming to the college because of them.
Industry Interaction / Collaboration	All the departments are having collaboration with various companies where we can send our students for Inplant / Internship training, project work during final year. All the department will get signed MoU with minimum of one company. The alumini who works in a Industry help them for signing MoU, Recruiting their juniors

		and giving Interview tips etc.
	Human Resource Management	Before the beginning of every semester the workload per staff is analysed. If any vacancy is identified in the department proper arrangements are made to fill the vacancy with proper channel.
	Library, ICT and Physical Infrastructure / Instrumentation	Computerized library is available in the main building where lots of text/reference books are available. Many E-books are downloaded from the popular websites which can be used by the staff members and the students. During the time of break the students can access the library and systems. The library will be opened up to 6.00 pm for the use of hostel students. Free Wi-Fi is in planning process and will be set in the coming academic year. Each floor is having toilet and drinking water arrangement. All the class room and staff room are highly ventilated and the light exposures are good. Each department has one smart classroom where the power point presentation / video presentation can be done. Gym is available for men and women separately.
	Research and Development	All the department faculties are asked to submit research proposal to the various funding agency during the vacation period. The innovative project from the final year students will be prized in the annual day celebration. On duty will be given to the staff members / students who are involved in the research and development work.
	Examination and Evaluation	Internal exam I, II and III is conducted in every semester as per schedule planned in the beginning of the semester. Overall around 70 portions should be covered to take questions where the students can have the ability to pass in the end semester examination by knowing these questions. Poor performance students and absentees due to medical problem are allowed to write the Re-internal exam. The evaluation is open, where the students can ask why he has got low mark. And common mistakes done by the students will be intimated to the students. The internal mark is calculated for 20, (300/15) where the students have to take minimum of 14 marks. (210 for 300). The practical model examination is conducted as per the schedule and

	the evaluation is done in the presence of student, that he can know the mistake done in the paper, while for University lab the evaluation will be done by the external examiner only. At the end of semester before the start of university examination, the result analysis meeting is done where the class in charges advice the students by identifying their mistakes and to correct them.
Teaching and Learning	Every faculty is asked to go for any programme (workshop/seminar/conference/FDP) during the vacation period, with an official on duty, where he can learn futuristic development in his field. Then he is also asked to tell about the knowledge gained in the programme in the presence of Principal, HOD and various faculty members. The faculty members who published paper in reputed journal and book will be awarded in college day function.
Curriculum Development	Syllabus created by the university will not be enough at all the time. So all the faculty members are asked to study the content which is very useful to the students and beyond the syllabus both in theory and practical. And also, if the faculty feels there is gap between the units he is allowed to mention that in course information sheet and special hour is provided to fill the gap. The academic regulation for 2017 batch is revised with choice based credit system (CBCS).

6.2.2 – Implementation of e-governance in areas of operations:

E-governace area	Details
Planning and Development	Entire department is computerized with central network, where everyone can view and give suggestions for modification towards the development.
Administration	Computerized admission cell, where all the faculty can view how much students have come for enquiry, and how much seats are available, cut off range and fees details etc.
Finance and Accounts	All the faculties (teaching Non-teaching) get salaries through online only.
Student Admission and Support	The student can view various data such as the fees structure for each branch, cut off mark needed to join that

	department, Faculty members and their working experience, last year placement students list, number of university rang holders list for each department etc. which is published in the website. Students with High cut off marks, but from poor family background can have 10 to 20 fee concession.
Examination	Exam schedule with notes and important questions are uploaded in the e-campus system. After the evaluation the Internal mark also displayed in the e_campus, where the student can view his mark by his login ID. End semester exam results are also available in the college website.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	Ms.B.Kiruba	Redhat Administrator Certification Course	0	1459
2019	Dr.S.Lokesh	E-Yantra TBT Challenge	0	5000
2019	Ms.P.Jeevitha	Seminar on "E-Learning and MOOC in Higher Education"	0	1000
2019	Mr.K.Kathirvel	Alternate energy for Automobile applications	0	300
2019	Mr.K.Mujiburrah man	Alternate energy for Automobile applications	0	300
No file uploaded.				

6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
No Data Entered/Not Applicable !!!						

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
No Data Entered/Not Applicable !!!				

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
5	**5**	**0**	**0**

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Provident fund, Higher increment to the staff who completed next level of degree from our institution. Incentive to the staff who published papers, books and got ninety percentage and above in result	**Yearly increment is provided. Leave for doing higher study is also provided.**	**Student with higher grade marks in University Examination from every department will be given special award. Best outgoing students, University rank holders, student achievement in sports and cultural etc, will be given certificate with cash award.**

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

All the department constitutes academic and administrative audit committee. The members of the committee are one from each department with the head of Principal. The committee identifies strengths and weakness of each department and furnishes recommendations for future development.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Management, Institution of Engineers (IE) and Indian society of heating, refrigerating air conditioning Engineers (ISHRAE)	**100000**	**To conduct seminar, workshop and motivational program**
No file uploaded.		

6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Rehinland, TUV	Yes	Management Representative
Administrative	Yes	Rehinland, TUV	Yes	Management Representative

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

• Feedback towards the improvement of curriculum, placement and extra curricular activities • Honouring the rank holders with cash awards and medals • Providing part time work or financial support to the poor students, • To conduct Seminars and Technical/Training programmes for the students to achieve technology oriented skills/jobs

6.5.3 – Development programmes for support staff (at least three)

• 'Minor tune of vehicle and its accessories' by the department of Automobile Engineering, • 'MS office' by the department of computer science and Engineering • 'How to get rid of mobile hackers' by the department of Electronics and Communication Engineering

6.5.4 – Post Accreditation initiative(s) (mention at least three)

1. Yearly data submission to AISHE 2. AQAR Submission 3. Continuous participation in NIRF

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	Yes
d)NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	Quality improvement through Various departments	26/08/2019	19/08/2019	24/08/2019	154
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Women empowerment	09/03/2020	09/03/2020	42	28

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
(i) Solar water heating systems were installed in the Boys and Girls hostel. (ii) Bio Gas digester has been installed in the college hostel. Percentage of power requirement got by renewable energy sources: 20

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	1538
Provision for lift	Yes	1538
Ramp/Rails	Yes	1538
Rest Rooms	Yes	1538
Scribes for examination	Yes	4

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	1	1	25/06/2019	1	Tree Plantation camp	In our college campus	50
2019	1	1	26/06/2019	1	Free Eye screening camp for students and employees	In our college campus	300
2019	1	1	26/06/2019	1	International Day against drug abuse and illicit Trafficking	Malumichampatti Junction	15
2019	1	1	07/08/2019	1	K-12 Activities	Government Higher secondary school, Malumichampatti	120
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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
00	04/11/2020	00

7.1.6 – Activities conducted for promotion of universal Values and Ethics			
Activity	Duration From	Duration To	Number of participants
Women's day celebration	09/03/2020	09/03/2020	70
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

(i) College construction allows for natural ventilation and lighting throughout its campus which helps conserve the energy demand and eliminates the need for artificial lighting. (ii) Energy efficient lighting fixtures like T5, CFLs and LEDs are used in all classrooms and departments. (iii) To promote use of renewable energy, energy efficient fixtures like solar lamps and solar street lights are installed throughout the college campus. (iv) Solar water heating systems were installed in the Boys and Girls hostel. (v) Bio Gas digester has been installed in the college hostel. (vi) E-circulars are used for communication in all departments which reduces the conservation of paper.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice I: Title of the Practice: Prizes to meritorious students Objectives of Practice: • To motivate the students to reach at higher levels of success and keep consistency in their academic performance. • To provide a tangible reminder of what is possible. • To support needy students. The Context: It promotes students who are economically backward and need financial assistance. This practice is for promoting the students to have excellent performance in University Examinations and competitions. In this context, the institution has been doing the practice of giving prizes to the meritorious students. Best Practices II: Title of the practice: GATE Training to students Objectives of Practice: • To make the students capable for competitive exams. • To enhance conceptual knowledge of students in particular course and disciplines through instructions particularly for solving novel problems in the respective area. • To improve thinking skills to generalize as well as to standardize the methods and concepts to other applications. • To develop systematic methods for learning from problem sets, including: how to apply and transfer conceptual knowledge identify common obstacles and errors and contextualize individual problems within the themes and concepts of the course. The Context Institute has started providing GATE Training to third year and final year Engineering students from professional trainers. In-house GATE training program has been designed implemented to prepare our students for competitive exams such as GATE/IES.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

http://hit.edu.in

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

We are providing importance to placement of the students. The Placement Advisory Team, popularly known as Corporate Relations on HITECH campus, aims at providing the best opportunities enabling every student to realize his/her dream. This team is committed to the task of securing Final Placements and Summer Internships for every student on campus. It has not only consistently set high standards for itself but has been successful in surpassing them time

and again. Over the last decade the Hindusthan has emerged as one of the most favoured destination for hiring fresh talent from the Campuses. Its endeavours to provide Industry compliant talent and emphasis on Quality, Discipline, Self Learning, Ethics and Values have borne rich dividends. Hindusthan has recently received an international recognition from MAC Singapore, the 'Le Platina Royce Award', for the world class brand status. The HR Club, Mumbai awarded our Institution as the "Best Institution in TamilNadu" for the Campus to Corporate Employability Programme. At Hindusthan, Pedagogy is oriented to make the students industry ready. Students are therefore given more exposure on practical learning which helps them to meet industry expectations. All efforts are made to inculcate values and make them socially responsible citizens. Aptitude Test, Snap Test, GD's and Mock Interviews are conducted on a regular basis by both In,In addition to providing Placement support to the students in the prestigious organizations, we also facilitate training of our students during summer and winter vacations, internship opportunities, project work for the students in the final year, continuous institute,Our students today are occupying coveted positions in Multinationals, Corporates, PSUs and other organizations with excellent compensation packages.

Provide the weblink of the institution
http://hit.edu.in

8.Future Plans of Actions for Next Academic Year

To obtain higher grade in the upcoming 2nd cycle audit by NAAC committee. To obtain good NIRF Ranking To take up more consultancy projects and patent rights To establish incubation center in our institution. To encourage all the students to become an entrepreneur