



# HINDUSTAN

INSTITUTE OF TECHNOLOGY & SCIENCE  
(DEEMED TO BE UNIVERSITY)

**Internal Quality Assurance Cell (IQAC)  
and Submission of Annual Quality Assurance  
Report (AQAR) by Accredited Institutions  
(For Universities)**

*(Revised as per Revised Accreditation Framework in November, 2017)*



**राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद**

**विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान**

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

*An Autonomous Institution of the University Grants Commission*

P. O. Box. No. 1075, Opp: NLSIU, Nagarbhavi, Bangalore - 560 072 India

## **The Annual Quality Assurance Report (AQAR) of the IQAC** **(For Universities)**

Institutions Accredited by NAAC need to submit an Annual self-reviewed progress report i.e. Annual Quality Assurance Report (AQAR) to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the IQAC at the beginning of the Academic year. *The AQAR period would be the Academic Year. (For example, July 1, 2017 to June 30, 2018)*

### **Part – A**

#### **Data of the Institution**

*(data may be captured from IIQA)*

1. Name of the Institution                      Hindustan Institute of Technology and Science (HITS)

- Name of the Head of the institution:    Dr. K.. P. Isaac
- Designation:    Vice Chancellor
- Does the institution function from own campus: Yes
- Phone no./Alternate phone no. : 044-27474262, 044-27474395
- Mobile no. +91 96000 75083
- Registered Email : registrar@hindustanuniv.ac.in
- Alternate Email : iqac@hindustanuniv.ac.in
- Address            : Post Box No 1,Rajiv Gandhi Salai (OMR)  
   Padur Via Kelambakkam
- City/Town        : Chennai
- State/UT         : Tamil Nadu
- Pin Code         : 603103

2. Institutional status:

- University: State/Central/Deemed/Private: Deemed  
(Tick appropriate)
- Type of Institution: Co-education/Men/Women :Co Education
- Location : Rural/Semi-urban/Urban: Semi - Urban

- Financial Status: Centrally funded/state funded/Private :Private (please specify)
- Name of the IQAC Co-ordinator/Director: Dr.N.Vasudevan
- Phone no. /Alternate phone no. : 044-27474262, 044-27474395
- Mobile: +91 99405 19925
- IQAC e-mail address: iqac@hindustanuniv.ac.in
- Alternate Email address: deanacademics@hindustanuniv.ac.in

**3. Website address:**

Web-link of the AQAR: (Previous Academic Year):  
<http://www.hindustanuniv.ac.in/AQAR>

**4. Whether Academic Calendar prepared during the year?**

Yes

[www.hindustanuniv.ac.in](http://www.hindustanuniv.ac.in)

**5. Accreditation Details**

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1 <sup>st</sup>	B	2.82	2013	from:2013 to: 2018
2 <sup>nd</sup>	A	3.32	2016	from:2016 to: 2021

**6. Date of Establishment of IQAC:** DD/MM/YYYY: 01.11.2012

**7. Internal Quality Assurance System**

7.1 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
IQAC Meeting	Periodically, Once in Three months	23 Participants
Academic Audit	Twice in a Year	35 Auditors, Institution
OBE Practice	July-17, Jan-18	120 Staff members
NIRF 2018	Sep' 2017	Institution

ISO Practice	-	Institution
5S Practice	-	Institution
NBA	-	Institution
<p><b><i>Note: Some Quality Assurance initiatives of the institution are:</i></b>  <b><i>(Indicative list)</i></b></p> <ul style="list-style-type: none"> <li>• <i>Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback from all stakeholders collected, analysed and used for improvements</i></li> <li>• <i>Academic Administrative Audit (AAA) conducted and its follow up action</i></li> <li>• <i>Participation in NIRF</i></li> <li>• <i>ISO Certification</i></li> <li>• <i>NBA etc.</i></li> <li>• <i>Any other Quality Audit</i></li> </ul>		

**8. Provide the list of Special Status conferred 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
Hindustan Institute of Technology and Science	Graded Autonomy	UGC	2018	-

**9. Whether composition of IQAC as per latest NAAC guidelines: Yes/No: **Yes****

**10. No. of IQAC meetings held during the year: 4**

The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website.....

**Yes. [www.hindustanuniv.ac.in/iqac](http://www.hindustanuniv.ac.in/iqac)**

**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)**

1. Ensure the Quality of Laboratory Class
2. Student Feedback Mechanisms on Quality
3. Faculty Feedback on Quality
4. Online courseware / LMS standardizations

5. Monitoring the conduct of classes
6. Feedback through Class committee meetings, Student meetings, Parent meetings
7. Pre –placement training process
8. Staff Appraisal
9. Academic Audit
10. Enrichment of Curriculum
11. Accreditation and Ranking, AICTE, NBA, NIRF, NBBA
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

Plan of Action	Achievements/Outcomes
To conduct Internal Academic Audit for all Departments	Academic Audit for all departments have been done twice and corrective actions are recommended
Online Feedback for students	Implemented
Peer Review and External Audit	Implemented
To strengthen the PBAS system	Implemented
To modernize the laboratories	Modernization plan and budget are allotted based on the advice of IQAC
To monitor the Curriculum Development process	IQAC has laid down well defined procedures for the new curriculum and syllabus for the year 2018 - 19
To Practise OBE For the Academic year 2017-2018	Has been Effectively Implemented
To monitor the NBA	Being Carried out. Applying for 6 programmes under Tier 1
To conduct orientation programmes for NBA / NAAC	6 programmes are organized.

14. Whether the AQAR was placed before statutory body? Yes /No: Yes

Name of the statutory body: IQAC Meeting/ ACM

Date of meeting(s): 06.10.2018

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

Yes/No: No

Date: NA

**16. Whether institutional data submitted to AISHE: Yes/No: YES**

Year: 2017

Date of Submission: 7<sup>th</sup> June 2018

**17. Does the Institution have Management Information System?**

**Yes**

If yes, give a brief description and a list of modules currently operational.  
(Maximum 500 words)

1. Attendance Module
2. Assessment Module

## Part-B

<b>CRITERION I – CURRICULAR ASPECTS</b>					
<b>1.1 Curriculum Design and Development</b>					
1.1.1 Programmes for which syllabus revision was carried out during the Academic year					
Name of programme		Programme Code		Dates of revision	
Bachelor of Technology Bachelor Architecture Bachelor of Design, Master of Technology Master of Business Administration Master of Computer Applications		B.Tech, B.Arch, B.Des, M.Tech, MBA, MCA		30.05.2018	
1.1.2 Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year					
Programme with Code	Date of Introduction	Course with Code		Date of Introduction	
MBA	06.10.2018	Entrepreneurship Course		30.05.2018	
MCA	06.10.2018				
<b>1.2 Academic Flexibility</b>					
1.2.1 New programmes/courses introduced during the Academic year					
Programme/Course			Date of introduction		
B.Des (Interior)  B.Des (Fashion and Apparels)			30.05.2018		
1.2.2 Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.					
Name of Programmes adopting CBCS	UG	PG	Date of implementation of CBCS / Elective Course System	UG	PG
Already adopted (mention the year)				<b>2013</b>	<b>2013</b>
<b>1.3 Curriculum Enrichment</b>					
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	
<ul style="list-style-type: none"> <li>• Professional Cadd</li> <li>• Advance Cadd</li> <li>• Creo</li> <li>• Catia Kinematics</li> <li>• Hyper Mesh</li> <li>• Nx-Cad</li> <li>• Auto Cadd</li> <li>• Building Estimation &amp; Costing</li> <li>• Ansys</li> <li>• Embedded Systems - Live Wire</li> </ul>		July 2017 – May 2018		540	

<ul style="list-style-type: none"> <li>• BEC</li> <li>• Volkswagen Service Advisor</li> <li>• MATLAB</li> <li>• LABVIEW</li> <li>• PLC/ NETWORKING/ DCS/ SCADA</li> <li>• INTEL/ ETAP/ IOT</li> <li>• Basics of MATLAB</li> <li>• PLC and SCADA</li> <li>• Principle of Illumination</li> <li>• MULTISIM</li> <li>• TANNER</li> <li>• Welding Technology- Arc, TIG, MIG</li> <li>• CFD</li> <li>• Modelling- SOLIDWORKS</li> <li>• AERO Modelling</li> <li>• Mushroom Cultivation</li> <li>• Biogas Technology</li> <li>• Material characterization technique</li> <li>• E.D. (Entrepreneur &amp; Development)</li> <li>• STADD PRO</li> <li>• Ethical Hacking</li> <li>• Mobile Application</li> <li>• Dot Net ASP</li> <li>• Big Data Analytics</li> <li>• Data Analytics &amp; Python</li> <li>• Machine Learning</li> <li>• Arduino</li> <li>• Asp Dot Net</li> <li>• Autotronics</li> </ul>		
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**1.3.2 Field Projects / Internships under taken during the year**

Programme Title	No. of students enrolled for Field Projects / Internships
A total of 86 Field Projects / Internships are under taken during 2017-18 academic year	1342

**1.4 Feedback System**

**1.4.1 Whether structured feedback received from all the stakeholders.**

1) Students	2) Teachers	3) Employers	4) Alumni	5) Parents
<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>
<b>YES</b>				



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

The feedback is collected from all the stakeholders through online feedback system. The feedback is collected twice in a year as scheduled in the academic calendar. The feedback form consisted of vision, Mission, Academic related, Staff, infrastructure, laboratory / library facility, Books availability, Curricular, Co-Curricular and Extra Curricular facilities. An average of 80% students have participated in this process every semester. The collected feedback is analysed with the various vertical of the system. The necessary corrective measures are suggested to the concern to take necessary action. The suggestions are perused and the necessary action taken place by the respective competent authority

## **CRITERION II -TEACHING-LEARNING AND EVALUATION**

### **2.1 Student Enrolment and Profile**

#### **2.1.1 Demand Ratio during the year**

Name of the Programme	Number of seats available	Number of applications received	Students Enrolled
Aero	300	831	309
Aerospace	120	446	114
Mech	210	449	198
Mechatronics	60	138	60
Auto	120	346	102
Chemical	30	86	25
Biotech	20	78	18
Civil	60	139	54
CSE	300	524	273
IT	90	196	79
EEE	45	129	38
ECE	180	328	180
Arch	120	126	39
Aero-PG	20	26	16
Mech-PG	15	24	12
Auto-PG	20	42	19
Civil-PG	25	42	22
CSE-PG	5	9	3
IT-PG	5	10	2
EEE-PG	5	11	2
ECE-PG	5	2	0
SOM-PG	90	191	90
ARCH-PG	50	46	21
BCA	90	135	90
BBA	75	123	66
Bcom	45	92	44
Bsc-FDA	40	86	34
Bsc-Vis com	20	65	18

#### **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 full time teachers available in the institution teaching only UG courses	Number of full time teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2017-2018	1747	187	366	17	77

## 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 ( <i>LMS, e-Resources</i> )	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
506	132	78	41	126	41

### 2.3.2 Students mentoring system available in the institution? Give details. (maximum 500 words)

Number of students enrolled in the institution	Number of fulltime teachers	Mentor: Mentee Ratio
1747	460	<b>1:20</b>

## 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
<b>366</b>	<b>366</b>	-	<b>52</b>	<b>132</b>

### 2.4.2 Honours and recognitions 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
2017-18	Dr. Sumathi	Professor	Royal Society of Chemistry
	Dr. Ramya	Professor	Excellence in R&D award" by Entrepreneurship council
	Dr. Mohan	Professor	Life Time Achievement Award by Institution of Engineers

	Dr. A.L. Vallikannu	Associate Professor	Dr.APJ.Abdul Kalam Award for Innovative research" for the year 2017 from SEEE (Society for Engineering Education Enrichment)
	Dr. M. Jaikumar	Associate Professor	SAE Outstanding Faculty Advisor Award

## 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
<b>ODD SEMESTER</b>				
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
<b>B. Tech.</b>	<b>ENGG-UG</b>	<b>VII</b>	<b>16.12.17</b>	<b>23.01.2018</b>
		<b>V</b>	<b>16.12.17</b>	<b>23.01.2018</b>
		<b>III</b>	<b>30.11.17</b>	<b>23.01.2018</b>
		<b>I</b>	<b>13.12.17</b>	<b>23.01.2018</b>
<b>B. Arch.</b>	<b>ARCH</b>	<b>VII</b>	<b>25.11.17</b>	<b>23.01.2018</b>
		<b>V</b>	<b>02.12.17</b>	<b>23.01.2018</b>
		<b>III</b>	<b>27.11.17</b>	<b>23.01.2018</b>
		<b>I</b>	<b>13.12.17</b>	<b>23.01.2018</b>
<b>Arts &amp; Science (UG)</b>	<b>ARTS</b>	<b>V</b>	<b>23.10.17</b>	<b>23.01.2018</b>
		<b>III</b>	<b>20.10.17</b>	<b>23.01.2018</b>
		<b>I</b>	<b>15.12.17</b>	<b>23.01.2018</b>
<b>M.Tech. /M.Arch./ MCA / MA/ M.Sc.</b>	<b>ENGG-PG</b>	<b>V</b>	<b>19.12.17</b>	<b>23.01.2018</b>
		<b>III</b>	<b>19.12.17</b>	<b>23.01.2018</b>

		<b>I</b>	<b>20.12.17</b>	<b>23.01.2018</b>
<b>MBA</b>	<b>MBA</b>	<b>III</b>	<b>12.12.17</b>	<b>23.01.2018</b>
		<b>I</b>	<b>12.01.18</b>	<b>23.01.2018</b>

**EVEN SEMESTER**

<b>Programme Name</b>	<b>Programme Code</b>	<b>Semester/ Year</b>	<b>Last date of the last Semester- end/ year-end Examination</b>	<b>Date of declaration of Results of Semester-end / year-end Examination</b>
<b>B. Tech.</b>	<b>ENGG-UG</b>	<b>VIII</b>	<b>19.05.18</b>	<b>28.05.2018</b>
		<b>VI</b>	<b>19.06.18</b>	<b>21.06.2018</b>
		<b>IV</b>	<b>20.06.18</b>	<b>21.06.2018</b>
		<b>II</b>	<b>18.06.18</b>	<b>21.06.2018</b>
<b>B. Arch.</b>	<b>ARCH</b>	<b>X</b>	<b>17.05.18</b>	<b>28.05.2018</b>
		<b>VI</b>	<b>07.06.18</b>	<b>21.06.2018</b>
		<b>IV</b>	<b>18.06.18</b>	<b>21.06.2018</b>
		<b>II</b>	<b>09.06.18</b>	<b>21.06.2018</b>
<b>Arts &amp; Science (UG)</b>	<b>ARTS</b>	<b>VI</b>	<b>09.05.18</b>	<b>28.05.2018</b>
		<b>IV</b>	<b>04.05.18</b>	<b>21.06.2018</b>
		<b>II</b>	<b>05.05.18</b>	<b>21.06.2018</b>
<b>M.Tech/ M.Arch/</b>	<b>ENGG-PG</b>	<b>IV</b>	<b>30.05.18</b>	<b>21.06.2018</b>
<b>MCA / MBA/</b>	<b>MBA</b>	<b>II</b>	<b>06.06.18</b>	<b>21.06.2018</b>
<b>MA/ M.Sc.</b>				

2.5.2 Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year: Less than 1%

**\*Do not include re-evaluation/ re-totalling**

<b>Number of complaints or grievances about evaluation</b>	<b>Total number of students appeared in the examination</b>	<b>Percentage</b>
6	4340	Less than 1 %

**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)

[www.hindustanuniv.ac.in](http://www.hindustanuniv.ac.in)

**2.6.2 Pass percentage of students**

Program me Code	Programme name	Number of students appeared in the final year examination	Number of students passed in final Semester /year examination	Pass Percentage
ENGG-UG	<b>B. Tech.</b>	<b>912</b>	<b>835`</b>	<b>91.56%</b>
ARCH-UG	<b>B. Arch.</b>	<b>112</b>	<b>106</b>	<b>94.64%</b>
ENGG-PG MBA	<b>M.Tech / MBA</b>	<b>143</b>	<b>143</b>	<b>100%</b>
ARCH-PG MCA	<b>M.Arch / MCA</b>	<b>24</b>	<b>24</b>	<b>100%</b>
ARTS	<b>Arts &amp; Science UG)</b>	<b>277</b>	<b>235</b>	<b>84.84%</b>

**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) [www.hindustanuniv.ac.in/iqac](http://www.hindustanuniv.ac.in/iqac)

**CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION****3.1 Promotion of Research and Facilities**

3.1.1 Teachers awarded National/International fellowship for advanced studies/ research during the year

	Name of the teacher awarded the fellowship	Name of the Award	Date of Award	Awarding Agency
National	-	-	-	-
International	-	-	-	-

3.1.2 Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

Name of Research fellowship	Duration of fellowship	Funding agency
-	-	-

**3.2 Resource Mobilization for Research**

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

Nature of the Project	Duration	Name of the	Total	Amount received
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		funding Agency	grant sanctioned	during the year
<b>Major projects</b>				
Nanoparticles of TPA and CsTPA as catalysts for Biodiesel Production from used cooking Oils with High Acid Value.	3 Years	DST (Alternate Fuel)	24.31	500000
Hybrid Energy Management System using Cyber – Physical Controller for Real time EMS of Micro- grid Applications.	2 Years	MNRE	35.95	Nil
Design & Development of 1 KW Hybrid Vertical Axis Wind Turbine System for Low wind Speed Regimes.	2 Years	MNRE	28.61	Nil
Development of Multi-functional Nano carriers for Cancer Theranostics.	3 Years	DST(Nano-mission)	55.56	Nil
Trainer for Tactical Warfare	3 Years	CVRDE (DRDO)	9.63	192320
Numerical Bird Material Model Parameters through Dynamic Test of Brid Projectile	3 Years	GTRE (DRDO)	9.66	Nil
Recovery of hydrogen from sulphide waste streams	3 Years	SERB	10.5	Nil
Adaptive Controlled Non-contact Suction Chamber and Cup based Wall Climbing Robot	3 Years	BRNS(DAE)	21.8	568856
Development of Multichannel Adaptive Active Noise Control System adjacent to Noisy Equipment	3 Years	BRNS(DAE)	23.45	221996
Embedding Problems in Networks and Applications	3 Years	NBHM	16.83	400000
Enhancement of heat transfer using silicon carbide nanoparticles and whiskers based Nano fluids	3 Years	DST	27.37	Nil
Distance based topological indices problems in cheminformatics and its applications	3 Years	DST(SERB)	14.69	53601
Composites Fuel Tanks for MBT	3 Years	CVRDE(DRDO)	21.5	387000
Coupled fluid-structure interaction studies due to underwater explosion around submerged composite pressure hull	3 Years	NRB (DRDO)	39.6	2310000

CARS on Development of Ultra Response Gas purging system	2 Years	MTRDC (DRDO)	9.82	Nil
<b>International Projects</b>				
Development of Austempered Ductile Iron for Automotive Casting	3 Years	Newton Royal Academic of Engineering	45.26	Nil
Application of NDT for Foundry Products and improving skill of Indian Foundry Men	3 Years	Newton Royal Academic of Engineering	40.8	Nil
Optional Dispatch of Virtual Power Plant using Cyber – Physical controller for Realtime EMS	3 Years	Newton Royal Academic of Engineering	45.12	Nil
Low cost patient assistive Robot	3 Years	Newton Royal Academic of Engineering	44.99	Nil
Minor Projects	-	-	-	-
Interdisciplinary Projects	-	-	-	-
Industry sponsored Projects	-	-	-	-
Projects sponsored by the University	-	-	-	-
Students Research Projects ( <i>other than compulsory by the University</i> )	-	-	-	-
Any other(Specify)	-	-	-	-
Total	-	-	-	-
<b>3.3 Innovation Ecosystem</b>				
3.3.1 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(s)
IPR Awareness Programme		Research		11-13 Dec 2017
3.3.2 Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year				
Title of the innovation	Name of the Awardee	Awarding Agency	Date of Award	Category
PALS	PALS Innovation Award	PALS	10.1 0.20 17	Innovation
3.3.3 No. of Incubation centre created, start-ups incubated on campus during the year				
Incubation Centre	Name		Sponsored by	
1	Hindustan Technology Business Incubator & Hindustan Entrepreneurship		HITS	

	and Innovation Centre					
Name of the Start-up						
Name of the Start-up		Nature of Start-up	Date of commencement			
Aero2Astro		Aero modelling & UAV training and production	15-07-2017			
Robotek		Robotics training for school kids	12-04-2018			
<b>3.4 Research Publications and Awards</b>						
3.4.1 Ph. Ds awarded during the year						
Name of the Department		No. of Ph. Ds Awarded				
Aero		1				
Auto		1				
Business Administration		4				
Computer Applications		2				
CSE		4				
EIE		1				
ENGLISH		2				
Maths		2				
Mech		4				
IT		2				
Library		2				
4						
		No. of Publication	Average Impact Factor, if any			
	National	53	-			
	International	305	1.63			
3.4.3 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year						
Department		No. of publication				
Engineering		252				
3.4.4 Patents published/awarded during the year						
Patent Details	Patent status <b>Published/Filed</b>	Patent Number	Date of Award			
Total Filed: 81	Published : 28	Granted: 1	<b>March 2016</b>			
3.4.5 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 the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations



Annexure 1						
3.4.6 h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)						
Title of the paper	Name of the author	Title of the journal	Year of publication	h-index	Number of citations excluding self citations	Institutional affiliation as mentioned in the publication
<b>Annexure 1</b>						
3.4.7 Faculty participation in Seminars/Conferences and Symposia during the year :						
No. of Faculty	International level		National level		State level	Local level
Conference	29		10			
Seminar	19		48		43	
3.5 Consultancy						
3.5.1 Revenue generated from Consultancy during the year						
Name of the Consultant(s) department	Name of Consultancy project		Consulting/Sponsoring Agency		Revenue generated (amount in rupees)	
CIVIL	Structural design of Harvesters Boys Dormitory Building, Tiruvallur		M/s Capstone Atelier Architects, Chennai		11000	
CIVIL	Performance of column with coupled connection		J.K. Construction, Tirunelveli		15000	
CIVIL	Hydrodynamic Modelling study for fishing Harbor Layout		Virgo Aqua		300000	
CSE	Redesigning of Web		Happy NZ tours		65663.62	
CIVIL	Stability Check of buildings		RMT construction Pvt Ltd, Chennai		2,40,000	
3.5.2 Revenue generated from Corporate Training by the institution during the year						
Name of the Consultant(s) & Department	Title of the Programme		Agency seeking training	Revenue generated (amount in rupees)		Number of trainees
Alba						
3.6 Extension Activities						
3.6.1 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 coordinated in such activities		Number of students participated in such activities	
OMR run	Rotary club of Hiranandhini Upscale		25		1000	

Blood Donation camp	NSS along with Rotary club of Chennai capital	15	1150
Kerala Flood relief activities	NSS along with Rotary and Y's Men club	40	100

### 3.6.2 Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the Activity	Award/recognition	Awarding bodies	No. of Students benefited
Rotary Youth Leadership camp	Best Female Rylarian	Rotary District 3232	5

### 3.6.3 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 coordinated in such activities	Number of students participated in such activities
Swachh bharath	MHRD	Swachh bharath camp	10	80

### 3.7 Collaborations

#### 3.7.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of Activity	Participant	Source of financial support	Duration
Staff Exchange	Internationally	Grant / Sponsored	10 – 30 Days

#### 3.7.2 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-To)	participant
Industry	Industrial Projects	JBM Automotive Services Pvt Ltd	04.06.18 to 31.07.18	G Sai Deepak
	Industrial Projects	JBM Automotive Services Pvt Ltd	04.06.18 to 31.07.18	Syed Junaid Shabeer
	Industrial Projects	JBM Automotive Services Pvt Ltd	04.06.18 to 31.07.18	B. Mouli Sourya

Industrial Projects	<b>JBM Automotive Services Pvt Ltd</b>	04.06.18 to 31.07.18	Kachana siva sai kumar reddy
Industrial Projects	<b>JBM Automotive Services Pvt Ltd</b>	04.06.18 to 31.07.18	K. Mohankumar
Industrial Projects	<b>JBM Automotive Services Pvt Ltd</b>	19.11.18 to 19.12.18	Kautsav Sengupta
Industrial Projects	<b>JBM Automotive Services Pvt Ltd</b>	19.11.18 to 19.12.18	Harishankar
Industrial Projects	<b>JBM Automotive Services Pvt Ltd</b>	19.11.18 to 19.12.18	S M Sree Krishnan
Industrial Projects	<b>JBM Automotive Services Pvt Ltd</b>	19.11.18 to 19.12.18	Avinash R
Industrial Projects	<b>JBM Automotive Services Pvt Ltd</b>	19.11.18 to 19.12.18	Sivasubramaniyan P
Industrial Projects	<b>JBM Automotive Services Pvt Ltd</b>	19.11.18 to 19.12.18	Keerthi Rajan Asokan
Industrial Projects	<b>JBM Automotive Services Pvt Ltd</b>	27.11.18 to 27.12.18	P Sai Kumar
Industrial Projects	<b>JBM Automotive Services Pvt Ltd</b>	03.12.18 to 03.01.19	C PremKumar
Industrial Projects	<b>Neel Industries Pvt Ltd</b>	09.07.18 to 09.08.18	K Rajesh
Industrial Projects	<b>Neel Industries Pvt Ltd</b>	09.07.18 to 09.08.18	M Vimallesh
Industrial Projects	<b>Neel Industries Pvt Ltd</b>	19.11.18 to 19.12.18	Ziegen S
Industrial Projects	<b>Neel Industries Pvt Ltd</b>	03.12.18 to 03.01.19	Ujjawal G Khandelwal
Industrial Projects	<b>Renault Nissan</b>	03.12.18 to 08.02.19	Abhijith B S
Industrial Projects	<b>Renault Nissan</b>	03.12.18 to 08.02.19	Bharath Udayan
Industrial Projects	<b>Renault Nissan</b>	03.12.18 to 08.02.19	Syed Junaid Shabeer
Industrial Projects	<b>Renault Nissan</b>	03.12.18 to 08.02.19	Surya M Sankar
Industrial Projects	<b>Schwing Stetter</b>	17.12.18 to 16.03.19	Jai Sai Teja Reddy
Industrial Projects	<b>Schwing Stetter</b>	17.12.18 to 16.03.19	Mannuru Ajay Kumar
Industrial Projects	<b>Schwing Stetter</b>	17.12.18 to 16.03.19	Ashok Babu Marthu
Industrial Internship	<b>SPI Cinemas Corporate Office</b>	28.08.18 to 05.10.18	Dharshini Manohar
Industrial Internship	<b>SPI Cinemas Corporate Office</b>	45 Days	Premnath Chandran

Industrial Internship	SPI Cinemas Corporate Office	45 Days	Yogesh Kumar K
Industrial Internship	Kaveri Linen Fashion & Clothing	30.08.18 to 05.10.18	Shaikh Sulfiya Ali Ahmed
Industrial Internship	Kaveri Linen Fashion & Clothing	30.08.18 to 05.10.18	Prisca Eubulus Dorcas
Industrial Internship	Kaveri Linen Fashion & Clothing	30.08.18 to 05.10.18	Mahalakshmi Ravikumar
Industrial Internship	News Today Pvt Ltd	45 Days	Vinith.P
Industrial In-plant Training	Orchid Pharma Ltd	16.07.18 to 20.07.18	V P Anjali Vasudevan
Industrial In-plant Training	Orchid Pharma Ltd	16.07.18 to 20.07.18	Vaija Utham
Industrial In-plant Training	Orchid Pharma Ltd	16.07.18 to 20.07.18	C Hari Ram
Industrial In-plant Training	Orchid Pharma Ltd	16.07.18 to 20.07.18	R Hemachander
Industrial In-plant Training	Orchid Pharma Ltd	03.12.18 to 08.12.18	Shaikh Saifuddin
Industrial In-plant Training	Orchid Pharma Ltd	03.12.18 to 08.12.18	Mohamed Mokhtar Hassan Badawi
Industrial In-plant Training	Orchid Pharma Ltd	10.12.18 to 15.12.18	Kummitha Veeranjanya Reddy
Industrial In-plant Training	Orchid Pharma Ltd	10.12.18 to 15.12.18	Kurukunda Surya Prabhakara Reddy
Industrial In-plant Training	Orchid Pharma Ltd	17.12.18 to 22.12.18	Thirukkovalluri Sri Vishnu Deekshith
Industrial In-plant Training	Orchid Pharma Ltd	17.12.18 to 22.12.18	Rachamreddy Jagadeeswar Reddy
Industrial In-plant Training	Orchid Pharma Ltd	24.12.18 to 29.12.18	Madha Sivananda Reddy
Industrial In-plant Training	Orchid Pharma Ltd	24.12.18 to 29.12.18	Bodaka Bhuvanesh
Industrial In-plant Training	Orchid Pharma Ltd	10.12.18 to 15.12.18	D. R. Arivarasu
Industrial In-plant Training	Orchid Pharma Ltd	10.12.18 to 15.12.18	G. Jagan Karthik
Industrial In-plant Training	Orchid Pharma Ltd	10.12.18 to 15.12.18	R. Suriya
Industrial In-plant Training	Orchid Pharma Ltd	17.12.18 to 22.12.18	S. Ginith
Industrial In-plant Training	Orchid Pharma Ltd	17.12.18 to 22.12.18	Mevlin Thomas
Industrial In-plant Training	Orchid Pharma Ltd	17.12.18 to 22.12.18	T. Harish

3.7.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year			
Organisation	Date of MoU signed	Purpose and Activities	Number of students/teachers participated under MoUs
Ebek Language Laboratories Private Limited - Renewal	Oct 2017	Business English Communication Classes	1500
ALSIM Flight Training Solutions	July 2017	Flight Training	400
CADD Centre - Renewal	Oct 2017	Conducting CAD Courses	50
Alisha Abdullah Racing Academy for Women	March 2018	Training	In process
ICT Academy	June 2018	Conducting Value Add Courses, FDP, Industry Interactions etc.,	150

#### **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
1894.35 Lakhs	100 %

##### 4.1.2 Details of augmentation in infrastructure facilities during the year

Facilities	Existing	Newly added
Campus area	38.02 Acre	-
Class rooms	207	23
Laboratories	96	4
Seminar Halls	10	1
Classrooms with LCD facilities	167	28
Classrooms with Wi-Fi/ LAN	117	23
Seminar halls with ICT facilities	10	1

Video Centre	-	-
No. of important equipments purchased ( $\geq 10$ lakh) during the current year.		22
Value of the equipment purchased during the year (Rs. in Lakhs)		422.36Lakhs
Others		

#### 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 partially)	Version	Year of automation
Ecoleaide	Fully Automation	-	2018

4.2.1 Library Services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	94150	27058508.70	4307	1939563.65	98457	28998072.35
Reference Books	11639	2089874.75	256	175486.00	11895	2107360.75
e-Books	154084	2590245.00	2456	724815.00	156540	3315063.00
Journals	272	14153552.00	21	1972162.00	293	16125714.00
e-Journals	43491	28859669.00	1792	2885284.40	45283	31744953.40
Digital Database	8PCK	14442275.00	8PCK	1359976.86	8PCK	15802251.86
CD & Video	3102	145832.00	-	-	3102	145832.00
Library automation	Libsys	410000.00	Ecoleaide	-		410000.00
Weeding (Hard & Soft)	1102 (P)	275500.00	112(P)	28332.00	1214	303832.00
Others (specify)	83505	35596918.00	422	158883.00	83505	35755801.00

4.2.2 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
Dr. Thangakumar Mr. Sambath M	Python Programming	HITS LMS	June 2017

#### 4.3 IT Infrastructure

4.3.1 Technology Upgradation (overall)

Total Comp	Computer	Internet	Browsing	Computer	Office	Departments	Available bandwidth	Others
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	Users	Labs		Centres	Centres			(MGBPS)	
Existing	1758	30	200 mbps	1	3	1	-	200 mbps	
Added	143	9	-	-	-	-	-		
Total	1901	39	200 mbps	1	3	1		200 mbps	

4.3.2 Bandwidth available of internet connection in the Institution (Leased line): 200 MBPS

#### 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
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HITS E-Content Development Centre	<a href="http://www.hindustanuniv.ac.in">www.hindustanuniv.ac.in</a>
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#### 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 incurred on physical facilities
735 Lakhs	710 Lakhs	1894 lakhs	3320 Lakhs

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)

[www.hindustanuniv.ac.in](http://www.hindustanuniv.ac.in)

### 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	Merit Scholarship	2398	172984465
	Merit Cum Means Scholarship	16	2268000
	Sports Scholarship	106	12806000
	Total	2520	188058465
Financial support from other sources			
a) National	Bihar Scholarship	6	166320
	E-Kalyan - Jharkhand Post Matric Scholarship	3	162600
	Ishan Uday - UGC Scholarship	2	187200
	Central Sector Scheme of Scholarships For College And University	1	10000

	Students		
	Merit-Cum-Means Scholarship For Professional And Technical Courses	11	285000
	Post Matric Scheme For Award of Scholarships Under Beedi Workers Welfare Fund	1	15000
	Post Matric Scholarship Schemes Minorities	1	6000
	Prime Minister's Scholarship Scheme For Central Armed Police Forces And Assam Rifles	9	219000
	Railways	2	43000
	BSNL	1	4000
	Neepco(North Eastern Electric Power Corporation Limited)	1	36000
	ICICI Bank Employee Ward Scholarship	1	66000
	Rajiv Gandhi National Fellowship	1	436800
	Total	40	1636920
b) International	SPDC Funds, Nigeria	2	343362

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 implementation	Number of students enrolled	Agencies involved
Centre for Training and Placement	2008	1140	
Yoga	2017	400	
Remedial Coaching	2010	721	
Language Lab	2008	350	

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 by Guidance for Competitive examination	Number of benefited students by Career Counselling activities	Number of students who have passed in the competitive	Number of students placed



				exam	
2017-2018	CAT,GRE	121	284	74	218
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		No. of grievances redressed		Average number of days for grievance redressal	
26		26		5	

**5.2 Student Progression****5.2.1 Details of campus placement during the year**

On campus			Off Campus		
Name of Organizations Visited	Number of Students Participated	Number of Students Placed	Name of Organizations Visited	Number of Students Participated	Number of Students Placed
INFOSYS	324	21	CRISIL	3	1
INDIAN NAVY	72	0	HSBC	5	1
IBM INDIA	144	0	Vijaya Raja Homes	12	7
GSS SOLUTIONS	96	1	Pay Pal	9	0
SYSTECH SOLUTIONS	69	13			
AMAZON	110	1			
SERVION	112	5			
NEWGEN	20	1			
TATA AIG	72	1			
SANMAR GROUP	23	0			
DATA PATTERNS	13	0			
ZOHO	255	16			
QSIPDERS	194	100			
McKINSEY	39	0			
Teach for INDIA	40	2			
EmbedUR Systems	32	0			
Future Focus Infotech	32	0			
ISSQUARED INDIA PVT LTD.	21	3			

Ramco Systems	58	10			
Fensterbau Lingel India Pvt. Ltd.	16	1			
Sutherland Global Services	241	108			
BigFDay	09	2			
Saksoft	3	0			
Evineon	21	6			
VueData	16	2			
IDBI Federal	105	75			
Accenture	21	2			
Valued Epistemics	79	0			
Jaro Education	112	0			
Vestas	65	1			
Scriplogix	41	4			

#### 5.2.2 Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of Programme admitted to
2017-2018	12	IT	IT	S. Akash-Edith Cowan University, Australia Harini Chandar – SRM University, Chennai Mohammed Sajjad, George Manson University,	Masters in Cyber security M.Tech cyber Masters in computer science

				Virginia J.Kanaga, University of Kolbenz- Landau, Germany	Masters of science in web science
				Rakshitha G, University of Kolbenz- Landau, Germany	Masters of science in web science

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	No. of Students selected/ qualifying	Registration number/roll number for the exam
NET	6	
SET	-	
SLET	-	
GATE	-	
GMAT	-	
CAT	-	
GRE	-	
TOFEL	-	
Civil Services	4	
State Government Services	7	
Any Other	-	

5.2.4 Sports and cultural activities / competitions organised at the institution level during the year 2017-2018

Activity	Level	Participants
Cultural	State	
Sports	State Level Intercollegiate/ Inter University Tournament	435

### 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/ International	Sports	Cultural	Student ID number	Name of the student
2017-18	Rank-1	National	13	11	-	-
2017-18	Rank-1	2International	3	1	-	-

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

Student council in our University consists of 19 students and it is to give students an opportunity to develop leadership by Planning, organizing and carrying out school activities and service projects that contribute to school spirit and community welfare, the student council is the voice of the student body. They help share student ideas, interests and concerns with the school wide community.

The function of the student council is based upon parliamentary procedures. Ideas are presented, voted upon and confirmed by the student body president. Any student that is interested in leadership, organizational behavior, event planning or becoming more involved in the school are welcome to become involved.

The technical associations of the various disciplines play an active role in organizing discussions, seminars, guest lectures, educational tours etc. In addition, there are cultural associations, a photographic club and a music club, each of which arranges programmes and competitions with the help of the students' academic council. We are proud to state that our students are continuously winning prizes at various inter collegiate cultural and sports festivals.

Students are encouraged to enroll in the following clubs: Yoga, Music, Cycling, Karate, Gym, and Horse Riding The National Cadet Corps (Air wing) of the University, affiliated to the 1 (TN) Air Squadron NCC, Tambaram, is a part of the Personality Development Programme. The allotted strength for NCC is 50. The cadets are given rigorous physical training which includes March Past, Range Firing, Skeet Shooting, Microlite Flying, Parasailing and so on.

One of the very important service clubs functioning in the campus is National Service Scheme (NSS). The thrust of this service organization is to change the mindset of our students. The intake of the NSS unit of our University is 100 students. It is a Central Government sponsored programme. Two types of programmes are carried out under the aegis of NSS: the first is of a general nature and the second is of a special type. In addition to these programs, impetus is given to personality development, creating awareness on certain vital issues like the need for tree plantation, blood donation and sustaining old age homes and orphanages.

Youth represent a substantial part of the membership of Red Cross for its humanitarian commitment. Promote life and health through training and education on safety, primary health care and healthy living,. Through training and education. Disseminate the seven fundamental principles of Red Cross through activities that encourage the Red Cross ideals. Promote international friendship with activities that cultivate a humanitarian spirit. Technical support in the development of youth programmes, fund-raising, identification of material and human resources. The YRC @ HITS aims to have young people recognized by Societies leadership as equal partners who address the needs of the most vulnerable.

### **5.3 Alumni Engagement**

5.3.1 Whether the institution has registered Alumni Association? Yes/No, if yes give details (maximum 500 words):

- Yes
- Hindustan Alumni Association (HITSAA) has successfully completed several years of active functioning since its installation in 1993. HITSAA acts as a bridge between the Alumni and the University, and provides a channel of communication for interactions between the current students, staff and alumni, for their mutual benefit. HITSAA is directly responsible for the management of Alumni Relations of the University and oversees all matters pertaining to Alumni which includes catering to the needs of alumni, establishment and operation of National and International Alumni Chapters, Batch-wise/region-wise Alumni Reunions and all other events involving Alumni.

Detailed information regarding HITSAA Society, HITSAA Database, Alumni Reunions - Report Alumni Attendance Statements and other information is shown in the following pages. HITSAA was registered as a Society under the Tamil Nadu Societies Registration Act 27 of 1975 (Sl. No. 156/2014), in October 2014.

HITSAA Office is situated in the University campus, Room No. EC 206, Second Floor, Edison Centre. HITSAA Coordinators and Department Alumni Coordinators work in consultation with HITSAA Executive Committee to facilitate Alumni Relations of respective departments.

#### 5.3.2 No. of registered Alumni:

- HITSAA Database is constantly updated through telephone and email campaigns by the respective Department Alumni Coordinators and student teams. Currently the database has about 10,500 alumni records.

HITSAA operates official groups on social networking sites Facebook and LinkedIn.

- Total Alumni Tracked = 65%
- Official Social Networking Groups
- Main Facebook Group: <https://www.facebook.com/groups/Hindustan.Alumni.Association/>  
Members - 10000+
- LinkedIn Group:  
<https://www.linkedin.com/school/hindustan-university/> Followers = 12000 +
- Main Twitter Account:  
[https://twitter.com/HITSAA\\_ADMIN](https://twitter.com/HITSAA_ADMIN)
- Only with Alumni support and cooperation, we can trace maximum Alumni.

#### 5.3.3 Alumni contribution during the year (in Rupees) :

- ❖ In commemoration of Golden Jubilee Year of HGI in Dec 2017, Alumni all over the Globe

contributed above Rs10 Lacs

- ❖ In Aug 2017, Class of 1992 celebrated Silver Jubilee Reunion and contributed about Rs3.5 Lacs, a corpus fund to facilitate five awards every year to deserving three students from MECH, CIVIL & ECE and Best Faculty and Sports Person. They will be increasing the number of awards to Alma mater in coming years.
- ❖ In July 2018, Class of 1993 celebrated their silver Jubilee Reunion and contributed Rs1.5 Lacs, a fund to benefit two deserving students from MECH, CIVIL & ECE departments.

#### 5.3.4 Meetings/activities organized by Alumni Association :

### EVENTS of HITSAA:

#### GYAN DISHA 2018 (8<sup>th</sup> May 2018)

GYAN DISHA 2018, A Project Expo of Final Year Students & Faculty members was held on 8th May 2018 at MGR Hall, HITS. This event was organized and sponsored by Hindustan Alumni Association (HITSAA). GYAN DISHA was an opportunity to showcase the innovative ideas in the respective Engineering fields. There were both Industry defined Projects & User Defined Projects. The Projects were judged by our distinguished Alumni from various industries. The Projects were judged based on Innovativeness and creativity within IDP as well as utility of the Project for Industry / Academic or Society.

- No. of Projects Registered: 300 Project titles
- No. of Projects Selected: 160 Project Titles
- No. of students Participated: about 500 students
- Faculty Participated: about 25 Faculty members.
- No. of Projects considered for Patent Filing: 15 Projects
- No. of Projects considered for Government funding: 20 Projects.
- No. of Jury Alumni – 15 Alumni from Industry & Entrepreneur background.

The Event motto was all about creating a platform for Alumni and Students Interaction. We foresee a scope of Placement Synergy, Career Guidance, Spot Recruitments, and Patent Filing and Govt. funding for Entrepreneur initiatives and Value addition courses and eventually a bond between Alumni, Alma mater & Current Students, thereby promoting Development of our Institution and Development of individual as well.

All the schools had been awarded three prizes with cash awards sponsored by Alumni. And all the participants received Participation certificate.

#### SUCCESS DAY (17<sup>th</sup> May 2018)

Along with Placement Cell, HITSAA organized Success Day for final year students. The students were recognized with a Success Certificate and a souvenir of T- Shirt. Not only the Students with

Academic Excellence and Students Placed On –Campus were recognized but the Students who excelled in Sports, Extra Curricular Activities, placed through Off-campus and Students who had planned to pursue Higher studies, and Students who had planned be Entrepreneurs of their own firm or Family Business. Over 500 students were recognized for their excellence in various Categories as mentioned before.

#### Alumni Talk by Ms. Jessy Mathew (6<sup>th</sup> June 2018)

Ms. Jessy Mathew (MBA-'97) is Director, Al Watania Consultant & Accurate Training Services, Oman The topic of address was "Impact of Artificial Intelligence on HR ". This was well received by the Students and the Staff members.

#### Visit by Alumni of Class of 1994 (14-Jun-2018)

The core committee members of 1994 batch -/silver Jubilee Reunion (due on 19<sup>th</sup> July 2018)

There were 6 alumni who wanted to go around the campus and met their HODs and had discussions with HITSAA on their Reunion, contribution etc.,

#### HGI-Bhutan Alumni Reunion (30<sup>th</sup> June 2018)

Bhutan Alumni Reunion was a grand success. The chairperson, Chancellor of HGI, Dr. Mrs. Elizabeth Verghese accepted the invitation to be the chief guest of the occasion. Mr. Ashok Verghese, Director of HGI was the Guest of Honour. Mrs. Mili Maria Chandy, wife of Director, Mr. Ashok Verghese and kids, Dr. Samuel Sampath kumar, VP, HCAS and Dr. Sheeba Chander, HOD, School of Architecture along with her students participated in the reunion. Ms. Pragatha HITSAA Coordinator along with the Mr. Krishna Subba, President and Mr. Nawaraj Chettri, Vice President of the HGI - Bhutan Alumni Reunion organized the event extremely well.

#### Class of 1993 - Silver Jubilee Celebration (7<sup>th</sup> July 2018)

##### Hi-5

The fifth batch of Hindustan College of Engineering came to HITS campus to celebrate and reminisce their college days. Almost 100 alumni graced the reunion event.

Welcome Address was delivered by Dr. Pon Ramalingam, Registrar. The Key Note Address was by Dr. Elizabeth Verghese, Chancellor, HGI, she shared and cherished lot of memories of 90's in HCE and insisted the alumni to be bonded with the alma mater in all ways. Other dignitaries present were Mr. Ashok Verghese, Director, HGI, Dr. E. Baskaran, President, HITSAA, and COE, HODS, Deans, Retired Professors who taught the class of 1993.

The Vote of thanks was given by the convener of the event Mr. Mathi Ezhil Arasu, Alumnus. Mr. Gnanasekaran, was the co convener along with Ms. Pragatha, HITSAA coordinator & Ms. V. Kanpur Rani, Alumni Relations Officer.

The Alumni have decided to Contribute Rs 1,50,000/- towards Students Scholarships (Rs. 50,000/- to Civil, ECE & Mech Disciplines respectively) to economically weak background and good at academics and research. This will be conferred on Annual Day along with other HITSAA sponsored Awards

#### Visit by Entrepreneur Alumni to give inputs into "Strategy for Entrepreneurship



### **Development” (25<sup>th</sup> July 2018)**

There was an interaction of Alumni Entrepreneurs with Emeritus Professor of Stanford University, USA Dr. R. Rajagopalan. Also the alumni who couldn't make it on that had filled a google form circulated to get the inputs from them.

## **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)

1. Financial Power of Decentralization as

Dean – Rs. 25,000

HoD – Rs. 20,000

Coordinator – Rs. 10,000

Assistant Coordinator – Rs. 5,000

2. Participative Management in the Statutory bodies includes Board of Management, Academic Council, Finance Committee, etc.,

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

Yes/No/Partial: **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):

❖ Curriculum Development

❖ Teaching and Learning

❖ Examination and Evaluation

❖ Research and Development

❖ Library, ICT and Physical Infrastructure / Instrumentation

❖ Human Resource Management

❖ Industry Interaction / Collaboration

❖ Admission of Students

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

❖ Planning and Development

❖ Administration

❖ Finance and Accounts

❖ Student Admission and Support

❖ Examination

### **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	Name of the professional body for	Amount of support
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		which financial support provided	which membership fee is provided	
2017	Raghavendran.P.R	VIRTUAL REALITY DEMO	-	20000
2017	Kamalakannan	VIRTUAL REALITY DEMO	-	200000
2017	K.Srimathi	1st International Conference on Nanoscience and Nanotechnology (ICNAN '16)	-	103500
2017	Raghavendran.P.R	Baja 2017 Workshop	-	15000
2017	K.Viswanathan	Industrial visit	-	110000
2017	Dr.M.K.Badrinarayanan	NAFSA 2017 ANNUAL CONFERENCE	-	50000
2017	Raghavendran.P.R	Virtual Baja	-	25000
2017	Raghavendran.P.R	Workshop on Car Design	-	25000
2017	Dr.J.Thangakumar	Infosys Inspire Excellence Awards Annual Event	-	7000
2017	Dr. M. Jaikumar	Workshop on Automotive Combustion	-	119000
2017	Shanmuganathan	Train the Trainer	-	100000
2017	A K Parvathy	Erasmus Staff Mobility Program	-	1,00,000
2017	K Viswanathan	NCCM 2017	-	1,00,000
2017	A K Parvathy	Road map to Institution of Eminence	-	1,00,000
2017	N.Karthik	Electromagnetic Design and Analysis of Electrical Machines	-	30,000
2017	Dr. Akkara Sherine	CEFR-Shaping ELT India for the World	-	1,00,000
2017	Dr. Afrose Fathima	Rediscovering Culture : Transforming Fashion	-	200000
2017	Dr. Afrose Fathima	Counseling Training in	-	200000

		Higher Education Abroad		
2017	D. Karthigeyan	Train the Trainer	-	12,250
2017	Dr.V.Ceronmani Sharmila	Annual Industry and Academia Conference and Awards	-	14000
2017	Dr. D. Dinakaran	International Conference on Metal Casting	-	1,00,000
2017	Dr. D.G. Harris Samuel	International Conference on Nanotechnology, Renewable Materials Engineering & Environmental Engineering (ICNRMEEE) - Bangkok , Thailand	-	1,00,000
2017	Dr.K.Kamalakkannan	Best Faculty Award from SAE International	-	1500000
2017	Dr. Akkara Sherine	1st Joint International Conference and the 33rd AUAP Annual Conference to be held in Surabaya University, Indonesia on July 9-12, 2018.	-	250000
2017	Dr.M.K.Badri Narayanan	PALS INAUGURATION EVENT BY GOVERNOR OF TAMILNADU	-	70000
2017	Shanmuganathan	SEMINAR ON ADAS & AUTONOMOUS VEHICLE	-	10,000
2017	Shanmuganathan	Electrical Vehicle Expo & Conference	-	100000
2017	Dr.M.K.Badrinarayanan	EAIE 2018 Expo	-	50000
2017	Dr N Sasikumar	Professional Development Program on "Industry 4.0 for the Indian Auto Industry"	-	12500
2017	Shanmuganathan	CII conference on Automotive Electronics	-	50,000
2017	P Anand	CONFERENCE ON AUTOMOTIVE ELECTRONICS	-	30,000

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

Year	Title of the professional development	Title of the administrative training programme organised	Dates (from-to)	No. of participants (Teaching)	No. of participants (Non-teaching)
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	programme organised for teaching staff	for non-teaching staff		staff)	staff)
2017-2018	Virtual Manufacturing Simulation	Communication skill Prog	05.06.17 -08.06.18	128	46
2017-2018	3 D Printing	Toast Master	19.12.17 -22.12.17	135	78
2017-2018	Introduction to Python Programming	Training Skill	14.05.18 -17.05.18	146	63

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	No of Participants	Date and Duration (from – to)
Virtual Manufacturing Simulation	25	27.03.18, 10.00 am to 01.00 pm
3 D Printing	25	28.03.18, 10.00 am to 01.00 pm
Introduction to Python Programming	35 (5 Hits & 30 other colleges)	02.11.18 & 03.11.18, 09.00 am to 04.00 pm

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

Teaching		Non-teaching	
Permanent	Fulltime	Permanent	Fulltime
94	94		

6.3.5 Welfare schemes for

Teaching (Count)	516
Non teaching (Count)	329
Students (Count)	4232

#### 6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly: YES, Regularly

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/ Grants received in Rs.	Purpose
-	-	-

6.4.2 Total corpus fund generated -

#### 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	<b>YES</b>	KCG	<b>YES</b>	KCG
Administrative	<b>YES</b>	KCG	<b>YES</b>	KCG
6.5.2 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges? (if applicable)				
Not Applicable				
6.5.3 Activities and support from the Parent – Teacher Association (at least three)				
Active Participation in the Process Feedback Contribution Expertise Sharing				
6.5.4 Development programmes for support staff (at least three)				
Staff Development Programme Sponsorship for acquiring new skills Internal training				
6.5.5 Post Accreditation initiative(s) (mention at least three)				
<b>6.5.6</b> a. Submission of Data for AISHE portal : (Yes /No): <b>YES</b> b. Participation in NIRF : (Yes /No) : <b>YES</b> c. ISO Certification : (Yes /No): <b>YES</b> d. NBA or any other quality audit : (Yes /No): <b>YES</b>				
6.5.7 Number of Quality Initiatives undertaken during the year				
Year	Name of quality initiative by IQAC	Date of conducting activity	Duration (from---- -to-----)	Number of participants
2017-18	Academic Audit	July-17, Dec 18	5 Days	34 Auditors, Institution
2017-18	OBE Practice	In Regular Practice	-	Institution
2017-18	NBA	In Regular Practice	-	Institution
2017-18	NIRF	In Regular Practice	-	Institution
2017-18	AISHE	In Regular Practice	-	Institution
2017-18	ISO	In Regular Practice	-	Institution
2017-18	5S	In Regular Practice	-	Institution

## **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-to)	Participants	
		Female	Male
Equal Opportunity Awareness	July 2017	134	231
Women Empowerment Programme	Dec 2018	231	-

7.1.2 Environmental Consciousness and Sustainability/Alternate Energy initiatives:

Percentage of power requirement of the University met by the renewable energy sources : 7 %

**7.1.3 Differently abled (Divyangjan) friendliness**

Items Facilities	Yes/No	No. of Beneficiaries
Physical facilities	YES	2
Provision for lift	YES	4
Ramp/ Rails	YES	3
Braille Software/facilities	YES	1
Rest Rooms	YES	3
Scribes for examination	YES	17
Special skill development for differently abled students	YES	2
Any other similar facility – Yoga	YES	2

**7.1.4 Inclusion and Situatedness**

Enlist most important initiatives taken to address locational advantages and disadvantages during the year

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date and duration of the initiative	Name of the initiative	Issues addressed	Number of participating students and staff
2017-18	7	10	18 <sup>th</sup> Dec 2018 – 10 Days	Awareness Programme, Enrichment Programme	Awareness Programme on Various Societal issues	131

**7.1.5 Human Values and Professional Ethics**

Code of conduct (handbooks) for various stakeholders

Title	Date of Publication	Follow up (maximum 100 words each)
<b>HITS Handbook</b>	2013, 2017	In Scheduled Meetings

**7.1.6 Activities conducted for promotion of universal Values and Ethics**

Activity	Duration (from-----to-----)	Number of participants
NSS, NCC, YRC,	Round the year	320

**7.1.7 Initiatives taken by the institution to make the campus eco-friendly (at least five)**

Green Campus  
 Plastic Free Campus  
 Smoke Free Campus  
 Digital campus  
 Solar Power Compus

**7.2 Best Practices**

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

[www.hindustanuniv.ac.in](http://www.hindustanuniv.ac.in)

### 7.3 Institutional Distinctiveness

Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust  
**VISION**

“TO MAKE EVERY MAN A SUCCESS AND NO MAN A FAILURE”

#### **MISSION OF THE INSTITUTION:**

- To create an ecosystem for learning and world class research.
- 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

Provide the weblink of the institution in not more than 500 words

[www.hindustanuniv.ac.in](http://www.hindustanuniv.ac.in)

### **8. Future Plans of action for next academic year (500 words)**

1. To get NBA Accreditation for all the UG programmes that are offered
2. To offer online certification courses through LMS
3. To Increase the PhD staff members in the institute
4. To Increase the funding research by 40%
5. To Excel in OBE Practice

*Name Dr. N. Vasudevan*

*Name: Dr. K.P.Isaac*

\_\_\_\_\_  
*Signature of the Coordinator, IQAC*

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*Signature of the Chairperson, IQAC*

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