



## Yearly Status Report - 2019-2020

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>		INTERNATIONAL INSTITUTE OF INFORMATION TECHNOLOGY, HYDERABAD
Name of the head of the Institution		Prof P J Narayanan
Designation		Director
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		914066531144
Mobile no.		9949544088
Registered Email		director@iiit.ac.in
Alternate Email		pjn@iiit.ac.in
Address		International Institute of Information Technology, Hyderabad. Prof C R Rao Road, Gachibowli
City/Town		Hyderabad
State/UT		Telangana

Pincode	500032																								
<b>2. Institutional Status</b>																									
University	Deemed																								
Type of Institution	Co-education																								
Location	Urban																								
Financial Status	Self financed																								
Name of the IQAC co-ordinator/Director	Prof Ramancharla Pradeep Kumar																								
Phone no/Alternate Phone no.	914066531187																								
Mobile no.	9391131199																								
Registered Email	registrar@iiit.ac.in																								
Alternate Email	ramancharla@iiit.ac.in																								
<b>3. Website Address</b>																									
Web-link of the AQAR: (Previous Academic Year)	<a href="https://www.iiit.ac.in/files/naac/AQAR_2018-19.pdf">https://www.iiit.ac.in/files/naac/AQAR_2018-19.pdf</a>																								
<b>4. Whether Academic Calendar prepared during the year</b>	Yes																								
if yes,whether it is uploaded in the institutional website: Weblink :	<a href="https://www.iiit.ac.in/academics/academic-calendar/">https://www.iiit.ac.in/academics/academic-calendar/</a>																								
<b>5. Accrediation Details</b>																									
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>A</td> <td>3.40</td> <td>2011</td> <td>16-Sep-2011</td> <td>15-Sep-2016</td> </tr> <tr> <td>2</td> <td>A</td> <td>3.05</td> <td>2017</td> <td>02-May-2017</td> <td>01-May-2022</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	A	3.40	2011	16-Sep-2011	15-Sep-2016	2	A	3.05	2017	02-May-2017	01-May-2022
Cycle	Grade	CGPA	Year of Accrediation	Validity																					
				Period From	Period To																				
1	A	3.40	2011	16-Sep-2011	15-Sep-2016																				
2	A	3.05	2017	02-May-2017	01-May-2022																				
<b>6. Date of Establishment of IQAC</b>	30-Jun-2016																								
<b>7. Internal Quality Assurance System</b>																									

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
Overview of TensorFlow and its Ecosystem	21-Jun-2019 1	45
Workshop on 3D Computer Vision	23-Feb-2020 1	35

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**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
N.A.	N.A.	N.A.	2019 0	0

No Files Uploaded !!!

**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 :**

2

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)**

A. More elective courses were introduced in transdisciplinary and multidisciplinary programmes to meet the emerging national and global market requirements as part of the curriculum enrichment.

B. IQAC has created templates for collecting the feedback from various stakeholders viz., Graduating Students, Alumni, Employer's and from Internal Departments (Non academic).

C. The Institute has strengthened its teaching aids, learning processes using technological advancement like audiovisual aids, multimedia, and other modern ICT

tools viz., MS Office 365 in place of existing Zimbra mail accounts.

D. Regularly conducting development programmes for both, teaching and nonteaching members, refresher courses and staff training programmes etc.

E. The alumni cell activities are strengthened and student tuition fee support is being offered to the deserving students from alumni fund.

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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	Achievements/Outcomes
Activity 1. It was planned to revising and redesigning the B.Tech program (4 year and 5 year programmes) in consultation with the industry experts and alumni	Achievements / Outcomes 1: Programmewise revised curriculum is prepared for B.Tech all the programmes and circulated to the faculty for their comments and suggestions. The current curriculum has ability to include more number of elective programmes and independent projects, which is a flexible environment for students to excel in their academics
Activity 2. It was felt that there is a need to conduct a program on pedagogy and outcome based education considering the revising B.Tech programme curriculum	Achievements / Outcomes 2: An exclusive program on Pedagogy and Outcome based education (OBE) was organized for the benefit of the faculty keeping in a view of the recent revised B.Tech curriculum.
Activity 3. Considering the drastic increment in day-to-day activities, IQAC has deliberated on introducing a new platform to reduce paper work and replace the mechanism with ICT tools.	Achievements / Outcomes 3: Introduced an Institute level Integrated Management System (IMS) at par with ERP tool. Currently, reasonable number of modules are made ONLINE mode and the necessary trainings were provided to the end-users
Activity 4. Considering the advance technologies, IQAC has deliberated on introducing a new mail exchange platform on the campus	Achievements / Outcomes 4. The IQAC opined to procure the MS Teams 365 in place of Zimbra and suggested the IT Team to run the both the tools for next three months to receive the feedback from the end users
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**14. Whether AQAR was placed before statutory body ?**

Yes

Name of Statutory Body	Meeting Date
Governing Council Meeting	03-Sep-2020

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2020
Date of Submission	30-Jul-2020
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)	Institute Management System (IMS) has been rolled out since 2018 and most of the administrative office functions of the institute have been implemented in IMS. All daytoday transactions with respect to academics, HR, inter function communications, approvals, recommendations, payroll, etc., happen in IMS and since then thousands are records have been created in the system. Most widely used functions include Admissions, HR, Finance Accounts, Academics, Purchase, Placements, Recruitment and Projects are currently in place. This vital data is then correlated and converted into relevant information for analysis and for making informed decisions. It enables management to act confidently and improve its operational efficiency. Some of the modules currently operations in this year, are...Transcript Printing, Course / Faculty Feedback Module, Grievances, Student Online Election Process, Faculty/Staff Quarters requests process, Room Booking process Student Travel Grant Process, Work from Home Attendance process and No Dues Certificate etc.,

## Part B

### CRITERION I – CURRICULAR ASPECTS

#### 1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
BTech	CSE	Algorithm	01/07/2019

		Analysis Design	
BTech	CSD	Automata Theory (H1)	01/07/2019
BTech	CLD	Computational Linguistics II: Comp Semantics and Discourse parsing	01/07/2019
BTech	CND	Introduction to Biology	01/07/2019
BTech	MA	Probability and Random Processes	01/07/2019
<a href="#">View File</a>			

1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BTech	Adaptive Signal Processing	01/07/2019	ECE	01/07/2019
BTech	Advanced Computer Architecture	01/07/2019	CSE	01/07/2019
BTech	Advanced Mathematical Structures	01/07/2019	MA	01/07/2019
BTech	Advanced Mechanics of Materials	01/07/2019	CEA	01/07/2019
BTech	Advanced Structural Design	01/07/2019	CES	01/07/2019
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## 1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
BTech	Probability and Statistics	01/07/2019
BTech	Algorithm Analysis & Design	01/07/2019
BTech	Probability and Random Processes	01/07/2019
BTech	Signal Processing	01/07/2019
BTech	Data Structures and Algorithms	01/07/2019
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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	Programme Specialization	Date of implementation of CBCS/Elective Course System
Nill	B.Tech Computer Science Engineering	01/07/2019
Nill	B.Tech Electronics and Communication Engineering	01/07/2019
Nill	B.Tech CSE Dual Degree	01/07/2019
Nill	B.Tech ECE Dual Degree	01/07/2019
Nill	B.Tech Computational Natural Sciences Dual Degree	01/07/2019
Nill	B.Tech Computational Linguistics Dual Degree	01/07/2019
Nill	B.Tech CSE and Building Science Dual Degree	01/07/2019
Nill	M.Tech Computer Science and Engineering	01/07/2019
Nill	M.Tech Computer Aided Structural Engineering	01/07/2019
Nill	M.Tech Computer Science and Information Systems	01/07/2019
Nill	M.Tech Bioinformatics	01/07/2019

### 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
Language, Mind and Society	18/12/2019	37
Introduction to Brain and Cognition	18/12/2019	44
Value Education II	18/12/2019	232
Social Science Perspective on Human Computer Interaction (HCI)	01/08/2019	49
Scripting and Computer Environments	01/08/2019	118
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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
MS	B.Tech in Computer Science + Mast	1
MS	B.Tech. in CS and Master of Science in Computing and Human Sciences (CHS)	1

BTech	B.Tech. in Electronics and Communication Engineering	1
MS	B.Tech. in CS and Master of Science in Computational Linguistics by Research	1
MS	B.Tech. in ECE and Maser of Science in Electronics and Communication Engineering by Research	1
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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)

<p><b>Feedback Obtained</b></p> <p>(i) Student's feedback: During the end of the academic year, IQAC is collecting the student's feedback from graduating students. o Academics - whether their level of knowledge in applying engineering fundamentals is met with? o Whether are they able to identify the real-time problems and have analyzing levels? o Non-academic areas - What are all the gaps? o Whether Student Induction Program (SIP) has addressed such gaps? o Their satisfaction towards the practices are to be followed during their stay? o Whom to approach, what practices are to adapt, interacting with seniors students made any difference? (ii) Teacher's feedback is being discussed in the academic council meetings, which held every fortnight that resulted to introduce the practice of consulting industry resource persons on focused areas. Some of the improvements on these lines are.. o Whether research facilities are sufficient for the faculty? o Whether Library/digital resources / Lab facilities are adequate for their programmes / courses? o Whether the faculty are comfortable in carrying teaching load / overload? o Purchase procedures for the equipment - are they cumbersome/comfortable? o Whether they are happy about the performance based incentives? (iii) Alumni feedback The alumni cell responsibility is to disseminate the feedback that was collected every year with the juniors and sub-juniors during their alumni programmes (a) Alumni Cell is also solicit feedback regularly at their annual meets. (b) There is also an alumni representative group - TWO alumni from every batch represent their batch in this group as representatives and provide feedback regularly on all alumni activities. (c) Two of the alumni students were representing our Governing Council (Statutory body) and they actively participate in all important decisions of the institute as an observers. (f) Several alumni were also involved with the Centre for Innovations Entrepreneurship (CIE) and startups to mentor the new aspirants. (iv) Employer's feedback: Placements cell is collecting the regular feedback from the employers thereby their required skillsets, programs were communicated through Placement Coordinators (PCs) during the placements. Some of the areas</p>
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that we are able to focus are... o Whether our students are able to understand the complex engineering problems and apply their critical thinking and problem solving skills? o Whether they have ability to collaborate with others and work in teams and group projects? o Their ability in different aspects of project management in the organization o How the employer's feel about our students on various aspects - communication skills, attitude, behaviour etc., (v) Parent's feedback: Communications cell at IIIT Hyderabad is regularly interacting with the parents. It resulted to improve on the following areas o Whether our campus has congenial environment in the hostels rooms? o How their children are feeling and when they are on the campus, their satisfaction towards security arrangements at the Institute? o Whether they are comfortable with the local mentoring system? o Whether they are happy with the guidance and counselling cell and Dispensary (Health) facilities etc.,? Overall, parents were very happy about their wards staying on the campus.

## 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
BTech	Computer Science and Engineering	30	9531	30
BTech	Electronics and Communication Engineering	25	972	25
BTech	Computational Natural Sciences	2	2	2
BTech	Computer Science and Engineering	90	6613	90
BTech	Electronics and Communication Engineering	10	89	10

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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	1001	884	Nil	Nil	89

### 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	Number of	ICT Tools and	Number of ICT	Number of smart	E-resources and
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Teachers on Roll	teachers using ICT (LMS, e-Resources)	resources available	enabled Classrooms	classrooms	techniques used
89	89	9	24	2	7

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

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

(a) Students mentoring system in Academic environment - Student's Help Cell (SHC) IIIT Hyderabad has set up Student's Help Cell (SHC) for the Undergraduate (UG) subjects to extend support to UG1 students who are struggling in their courses. Generally, those who don't cross some thresholds are terminated/asked to repeat/take lighter load, etc. So, the Student's Help Cell makes pre-emptive attempts in order to enable the students to get out of any such situation. Immediately after each semester, the academic performance of the students is reviewed. In cases when the academic performance of some students in some courses indicates that they are struggling with learning the concepts of foundational courses, these Help Cells address the difficulties and problems of such students. The senior students have volunteered to run these Help Cells. The Help Cells conduct remedial classes for four subjects every day (Monday-Friday), in specific duration. The struggling students are strongly advised and directed to make the best use of these help cells available to reset the course of their academics on the right path. All the volunteers are rostered for the help cells, can be changed based on the junior's feedback. An announcement will be sent to the students about these help cells well in advance. (b) Students mentoring system in non-academic environment Apex body: Students are always distanced from their homes and sometimes due to the academic assignments may feel inertia. To overcome from such nostalgic syndrome, a team of fellow senior students are constantly in touch with the juniors and lend their hands to excel student life on the campus. Unlike the schooling system, when it comes to the higher education, students are yet to learn their new world of education system for which the guidance is required from the senior students. Especially, the students from rural areas in various states, UTs are very new to the city culture and campus environment. To lend them a handhold support, senior students along with the teaching faculty and administrative staff have formed a group called Apex Body. The body ushers the students starting from their concerns on registration to admission process while joining the Institute. Before joining the campus, at least a month before several what'sapp groups and through social media network, senior students will meet the joiners to create awareness on campus activities. Immediately after the students join the Institution, a mentoring group of senior students continuously lends their hands towards juniors on various aspects viz., creating awareness on dangers of ragging, hostel facilities, cleanliness, mess / canteen facilities, sports, and yoga programs etc. This will create harmony among the new joiners and clear all their apprehensions and involving seniors has a merit in overcoming from the scary syndrome. An induction kit that illustrates about academic programs, course work, student clubs will be handed over to the new students and this Induction Kit helps as a ready reckoner to all the new students.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1885	89	1 : 21

## 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
8	8	Nil	8	8

### 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	Ponnurangam Kumaraguru	Associate Professor	Prof. Rajeev Sangal Faculty

			Fellowship
2019	Dr. Lalitha Vadlamani	Assistant Professor	Awarded SPS Chapter of the year award 2019
2019	Prof. P Krishna Reddy	Professor	Steering Committee Chair and Publication Chair of BDA-2019
2020	Dr. Ashok Kumar Das	Associate Professor	Listed in TOP H-Index by Guide2Research and is member of TPC chair(s) in BLOCKCHAIN 2020
2020	Dr. Deva Priyakumar	Associate Professor	Has been awarded the prestigious Chemical Research Society of India, Bangalore (CRSI) Bronze medal for the year 2021 in recognition of his contributions to research in chemistry
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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
BTech	UG	Monsoon-2019	26/11/2019	04/12/2019
Mtech	PG	Spring-2020	29/04/2020	07/05/2020
<a href="#">View File</a>				

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

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
84	2670	3.36

## 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)

<https://www.iiit.ac.in/academics/>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students	Number of students passed	Pass Percentage

			appeared in the final year examination	in final year examination	
113	PhD or DPhil	B.Tech. in CS and Master of Science in Computational Natural Sciences (CNS) by Research	3	3	100
211	Mtech	Bioinformatics	4	4	100
210	Mtech	Computer Aided Structural Engineering	22	22	100
102	BTech	B.Tech. in Electronics and Communication Engineering	37	37	100
101	BTech	B.Tech. in Computer Science and Engineering	90	90	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://intranet.iiit.ac.in/offices/static/files/Students\\_Satisfaction\\_Survey\\_Results\\_UG%26PG\\_20.10.2020.pdf](http://intranet.iiit.ac.in/offices/static/files/Students_Satisfaction_Survey_Results_UG%26PG_20.10.2020.pdf)

## 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

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
International	Prof C V Jawahar	Unrestricted grant	Nil	Facebook
International	Prof Vasudeva Varma	Unrestricted grant	Nil	Adobe Systems Incorporation
<a href="#">View File</a>				

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 the fellowship	Funding Agency
JRF (NET)	1825	UGC

Inspire Fellowship under Inspire program	1825	DST
Post Doc (for SC/ST) scheme	1825	UGC
Visvesvaraya PhD Fellowship	1825	Digital India Corp. MeitY,GoI
TCS Research Scholar	1460	Tata Consultancy Services
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### 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 funding agency	Total grant sanctioned	Amount received during the year
Major Projects	36	Department of Science and Technology	34.84	10
Industry sponsored Projects	12	Intel Technology India p ltd	17.5	17.5
Major Projects	60	UIDAI	1722	246.66
Major Projects	18	MHRD	476.71	477
Major Projects	36	Department of Science and Technology	32.51	10.84
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### 3.3 – Innovation Ecosystem

#### 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
CIE Startups interaction with Sandeep Gupta	Center for Innovation and Entrepreneurship IIIT Hyderabad	21/06/2019
HubSpot on Startup growth workshop	Center for Innovation and Entrepreneurship IIIT Hyderabad	27/06/2019
Megathon online	Entrepreneurship cell at IIIT Hyderabad	06/08/2019
Startup Aid	Entrepreneurship Cell at IIIT Hyderabad	23/01/2020
Investor Readiness Bootcamp with Sanjay Jesrani and Rakesh Bhatiya	Center for Innovation and Entrepreneurship IIIT Hyderabad	08/02/2020
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### 3.3.2 – 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
DataOne Innovation Labs Pvt. Ltd.	Nikunj Thakkar, Hiral Lal Thakkar	Centre for Innovation Entrepreneurship (CIE), IIIT Hyderabad	18/06/2019	Innovation
Nex Fitzap Pvt Ltd	Priyanjit Ghosh, Vinay Gokuldas	OJAS MedTech BioNEST	13/08/2019	Innovation
Gofloat tech	Sarang	NIDHI PRAYAS	10/02/2020	Innovation
Variant	Shekhar	NIDHI Entrepreneur-in-Residence (EIR) Program	01/04/2020	Innovation
Virtual patient monitoring	Dr. Vimal	NIDHI Entrepreneur-in-Residence (EIR) Program	01/11/2019	Innovation

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### 3.3.3 – 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
Centre for Innovation Entrepreneurship (CIE), IIIT Hyderabad	Aishwarya	NIDHI PRAYAS	Box26 Solutions	Automated Kitchen Products	25/10/2019
Centre for Innovation Entrepreneurship (CIE), IIIT Hyderabad	Nayan Kumar	CIE-IIIT	AnswerWise	AnswerWise is an AI platform that automates customer service done via Email, Chat, Social channels at your contact center while also improving CSAT.	06/08/2019
Centre for Innovation Entrepreneurship (CIE), IIIT Hyderabad Centre for Innovation Entrepreneurship	Kanika Bansal	NIDHI PRAYAS	Medicen Devise Technologies Pvt Ltd	We at Medicen Devise are working on a universal drug delivery platform	09/08/2019

hip (CIE), IIIT Hyderabad				worn like a patch, which could quickly adapt to give different types of transdermal drugs. We at Medicen Devise believe in creating products that could ease the pain of patients,	
Centre for Innovation Entrepreneurs hip (CIE), IIIT Hyderabad	Santhohs Kumar NSV	CIE-IIIT	Deft Tact	3D Content and Visualization for business	20/08/2019
Centre for Innovation Entrepreneurs hip (CIE), IIIT Hyderabad	Vijaya Kumar Dadi	CIE-IIIT	KRAKEL HEALTHCARE PVT LTD	Medical Device category: Developing non invasive POC diagnostic device for respiratory diseases (Pneumonia) in children	16/09/2019

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### 3.4 – Research Publications and Awards

#### 3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Computer Science and Engineering	1
Electronics and Communication Engineering	2
Bioinformatics	2
Computational Natural Sciences	3
Civil Engineering	1
Exact Humanities	2

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

Type	Department	Number of Publication	Average Impact Factor (if any)
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International	Language Technologies Research Centre (LTRC)	1	0
International	Center for Security, Theory Algorithmic Research (CSTAR)	1	0
International	Center for VLSI and Embedded Systems Technologies (CVEST)	1	0
National	Center for VLSI and Embedded Systems Technologies (CVEST)	1	0
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3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Center for Security, Theory Algorithmic Research (CSTAR)	1
Centre for Data Engineering (CDE)	1
Robotics Research Center (RRC)	1
Cognitive Science (CogSci)	1
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3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
SYSTEM AND METHOD FOR RETRIEVING AND EXTRACTING SECURITY INFORMATION FROM ONE OR MORE COMPUTING DEVICES	Filed	US 16421343	23/05/2019
ON-CHIP COMPLEMENTARY METAL-OXIDE SEMICONDUCTOR (CMOS) RESISTANCE	Filed	201941029054	18/07/2019
SYSTEM AND METHOD FOR EVALUATING AND FACILITATING CUSTOMIZED GUIDELINES USING USABILITY CODE PATTERN ANALYSIS	Published	US16587007	29/09/2019
A PARETO MAX FLOW BASED POLLUTION MITIGATION STRATEGY	Published	US16724322	22/12/2019



MULTI-OUTPUT DIFFERENTIAL SYSTEM	Filed	201941049318	21/02/2020
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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 Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Omni-directional Three Module Robot Design and Simulation	Budharaja P., Sarkar A., Krishna M.	ACM International Conference Proceeding Series	2019	1	IIIT Hyderabad	1
Unsupervised approach for monitoring satire on social media	Sinha A., Patekar P., Mamidi R.	ACM International Conference Proceeding Series	2019	1	IIIT Hyderabad	1
Kinematic and dynamic simulation of biped robot locomotion on multi-terrain surfaces	Viswanadh C., Sarkar A., Sreedharan P.	IOP Conference Series: Materials Science and Engineering	2019	1	IIIT Hyderabad	1
LDAKM-EIoT: Lightweight device authentication and key management mechanism for edge-based IoT deployment	Wazid M., Das A.K., Shetty S., Rodrigues J.J.P.C., Park Y.	Sensors (Switzerland)	2019	1	IIIT Hyderabad	1
Noise analysis of quantum approximate optimization algorithm on	Priyadarshi L., Azad U.	2019 IEEE Conference on Information and Communication Technology, CICT	2019	1	IIIT Hyderabad	1

weighted MAX-CUT		2019			
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3.4.6 – 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
River Water Temperature Modelling Under Climate Change Using Support Vector Regression	Rehana, Shaik	HYDROLOGY IN A CHANGING WORLD: CHALLENGES IN MODELING	2019	28	15	IIIT Hyderabad
Suitability of distributions for standard precipitation index over meteorologically homogeneous zones of India	Monish, N. T. Rehana, S.	JOURNAL OF EARTH SYSTEM SCIENCE	2019	29	12	IIIT Hyderabad
Sol-gel synthesis and characterization of morphology-controlled Co3O4 particles	Itteboina, Ramakrishna Sau, Tapan K.	MATERIALS TODAY-PROCEEDINGS	2019	26	8	IIIT Hyderabad
Mobile Banking: Evolution and Threats Malware threats and security solutions	Wazid, Mohammad Zeadally, Sherali Das, Ashok Kumar	IEEE CONSUMER ELECTRONICS MAGAZINE	2019	27	9	IIIT Hyderabad
Lightwei	Gope,	IEEE TRA	2019	28	14	IIIT

ght and Physically Secure Anonymous Mutual Authentication Protocol for Real-Time Data Access in Industrial Wireless Sensor Networks	Prosanta Das, Ashok Kumar, Neeraj Cheng, Yongqiang	NSACTIONS ON INDUSTRIAL INFORMATICS				Hyderabad
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### 3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	40	82	Nill	Nill
Presented papers	22	2	Nill	Nill
Resource persons	5	33	Nill	Nill
<a href="#">View File</a>				

### 3.5 – Consultancy

#### 3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Centre for Visual Information Technology (CVIT)	Firefly - Road markings and Center line Generation	Cyient Ltd	450000
Language Technology Research Centre (LTRC)	Guidance of Research Advice on IE for Agriculture, Legal Health Domains	Tata Consultancy Services Ltd	525000
Cognitive Science Lab (CSL)	Technology license agreement fee for providing the Neuro Motor Rehab Therapy Systems.	Soujhe Innovative healthcare devices Pvt. Ltd., Hyderabad	100000
Software Engineering Research Centre (SERC)	Consultancy Services to Siemens	ManpowerGroup Services India Pvt. Ltd.	340000
Lab for Spatial Informatics (LSI)	Agri Monitored Reengineering and Transformation	ICRISAT	280000
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3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
Talent Sprint and IIIT Hyderabad Joint effort	Blockchain 3 - All India Batch 1	Capegemini, Cognizant Technology solutions, TCS, united technologies, NPCI, Micro Focus, Pega systems, Citibank, Commonwealth Bank of Australia, Accenture, HSBC, Infinite, Aga Khan Education Service India, RealPage Inc., State Bank of India, Lexicon I	3465000	60
Sujit Gujar (CDE), Srinathan Ashok K Das (CVIT)	Blockchain 4 - All India Batch 2	Shell, Cognizant, TCS, Jpmc, Axis Bank Ltd, Intercontinental Exchange, Srinika Enterprices LLP, SAP Labs India Pvt Ltd, SyncMinds Technologies, Deloitte, Enel X, IBM India Pvt Ltd, GNITS, Netcracker, Ex Wipro, Wipro, INSOFE, Microsoft, lexisnexis, AR	3118500	54
C V Jawahar, Anoop Namboodiri, Avinash Sharma, Ravikiran S., Vineet Gandhi (CVIT), Naresh Manwani (MLL), Anil Kumar Vuppala, Manish	Artificial Intelligence and Machine Learning - Batch 10	Sentient Labs Dubai, Capgemini, Zensar technologies, IBM, Value Labs, Ces Ltd., State Street Corporate, Radiantsage	12220319	163

Shrivastava (LTRC), Vikram Pudi (CDE)		India Pvt ltd, Bees Synergy, Cognizant Technology Solutions, Salesforce, ISB, Accenture, GE, Microsoft, ASR Solutions, Reventics Pvt L		
Anoop Namboodiri, Jawahar, Ravikiran S., Vineet Gandhi, Avinash Sharma (CVIT), Vikram Pudi (CDE), Manish Shrivastava, Anil Kumar V, Rajeev Sangal (LTRC), Vasudeva Varma (SERC, LTRC, CIE)	Artificial Intelligence and Machine Learning - Batch 11	VNRVJIET, CapGemini, RBL FinServe Limited, JPNC, MNC, JPMorgan Chase Co., Tech Mahindra, IBM India Pvt. Ltd., Qualcomm, Infosys, Salesforce.com India Pvt Ltd, Infor, Global Solutions, Deloitte, Verizon, Microsoft Corporation, GGK Technologies, Acce	12634454	176
Anoop Namboodiri, Jawahar, Ravikiran S., Vineet Gandhi, Avinash Sharma (CVIT), Vikram Pudi (CDE), Manish Shrivastava, Anil Kumar V (LTRC), Praveen Paruchuri, Girish Varma (CSTAR, MLL), Naresh Manwani (MLL)	Artificial Intelligence and Machine Learning - Batch 12	ABC, abz, Accenture, ADP India Pvt Ltd, Amazon, AMD, Apollo Telehealth, Appointmentplus India Software PVT LTD., Aryan hospital, Auzmor, az, Bank Of America, Calderys India Refractories Ltd, CapGemini, Caremore, CDK global india pvt ltd, Cigniti tech	11330712	145
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### 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 participated in such activities	Number of students participated in such activities
Blood Donation Camp as part of Independence Day	NSS-IIIT Hyderabad NIMS Hospitals	2	100
5th International Yoga Day Celebrations	NSS-IIIT Hyderabad	2	50
World Blood Donor Day	NSS-IIIT Hyderabad	2	15
World Day Against Child Labour	NSS-IIIT Hyderabad	2	20
World Environment Day	NSS-IIIT Hyderabad	2	30
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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	Number of students Benefited
Semantic Textual Similarity of Sentences with Emojis	Paper accepted at PAN 2020	PAN 2020	1
Identifying Fake News Spreaders in Social Media Notebook for PAN at CLEF 2020	Paper accepted at SocialNLP@Webconf 2020	CLEF 2020	1
Copula-Based Cooperative Sensing of OFDM Signals in Cognitive Radios	COMSNETS, Bangalore	COMSNETS, Bangalore	1
Improving Spatio- Temporal Understanding of Particulate Matter using Low-Cost IoT Sensors	PIMRC London	PIMRC London	1
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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/Agen cy/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
The National Service Scheme (NSS), a Central Sector Scheme of	State NSS Office	NSS - IIIT Advisory Committee Meeting	2	15

Government of India, Ministry of Youth Affairs Sports				
The National Service Scheme (NSS), a Central Sector Scheme of Government of India, Ministry of Youth Affairs Sports	NSS-IIIT Hyderabad	Tree Plantation, Swacchh Bharat, Farm Visit and Lake Cleaning - Induction Program	2	250
The National Service Scheme (NSS), a Central Sector Scheme of Government of India, Ministry of Youth Affairs Sports	NSS-IIIT Hyderabad	Cloth Donation Drive	2	30
The National Service Scheme (NSS), a Central Sector Scheme of Government of India, Ministry of Youth Affairs Sports	NSS-IIIT Hyderabad	Blood Donation Camp	2	30
The National Service Scheme (NSS), a Central Sector Scheme of Government of India, Ministry of Youth Affairs Sports	NSS-IIIT Hyderabad Osmania Hospital	Orphanage visit	2	90
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### 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
Invited to participate in a summer school and to give a talk at the School of Mathematical Science, Zheziang University, Hangzhou, China. He spoke	Dr. Indranil Chakrabarty	Institute	1

about Broadcasting of Correlation in Quantum World at Zheziang University.			
Completed his six weeks artist residency program at Bordeaux Metropole, France. The program was closely related to Sunil Lohar's Ph.D work and provided him the opportunity to interact with several international scholars of Arts and Aesthetics. He vi	Sunil Lohar	Institute	45
HV-Workshop - First Aid Management (Continental Hospital Emergency Response Team)	Pradeep Kumar Ramancharla	Institute	1
School Technology Education Program (STEP 2019) for School Children - Summer School	Ravi Kiran Sarvadevabhatla	Outreach	27
Mitra Pravaha-Summer School	Pravaha Foundaions	Outreach	16
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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	Duration To	Participant
Organizing Conference, jointly	sharing of research facilities	IIIT Hyderabad hosted the 5th International Conference on Countermeasures to Urban Heat Islands (IC2UHI)	02/12/2019	04/12/2019	200



Organizing Conference, jointly	sharing of research facilities	Workshop on Data Science for Agriculture and Natural Resource Management (DSANRM 2019) in conjunction with International Conference on Big Data Analytics 2019	17/12/2019	20/12/2019	80
Summer School in partnership	Students internship program	Summer Schools on Computer Vision and Machine Learning	01/07/2019	06/07/2019	85
Summer School in partnership	Students internship program	Summer Schools on Computer Vision and Machine Learning	08/07/2019	13/07/2019	40
Staff Training Programme	Virtual Interactive Training on Communication	Ms.S. Sukanya, subject matter expert in soft skills, behavioural and communication skills	18/05/2020	03/06/2020	85
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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/Activities	Number of students/teachers participated under MoUs
Ripple, a leading Silicon Valley Financial Technology Company	03/06/2019	Enter into a partnership to promote greater understanding and utilization of blockchain, cryptocurrency, cryptography and related topics of shared interest and to foster widespread adoption	4

		and innovation in these fields globally	
STAR India Private Limited	07/06/2019	Research Collaboration	2
Survey of India	30/06/2019	To offer industry-focused professional programs and research projects in geospatial sciences to the faculty and students of Indian Institute of Surveying Mapping of Survey of India	4
Spatial Karma Resources Private Limited	22/11/2019	Research Collaboration	1
European Business and Technology Centre	09/09/2019	Research Collaboration	9
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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
98923000	75746239

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Others	Newly Added
Classrooms with Wi-Fi OR LAN	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Video Centre	Newly Added
Seminar halls with ICT facilities	Newly Added
Classrooms with LCD facilities	Newly Added
Seminar Halls	Newly Added
Laboratories	Newly Added
Class rooms	Newly Added
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 partially)	Version	Year of automation
LIBSYS	Fully	10	2019

### 4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	32077	96	1131	Nil	33208	96
Reference Books	2501	78	119	6	2620	84
e-Books	10176	51	Nil	Nil	10176	51
Journals	61	Nil	Nil	Nil	61	Nil
e-Journals	5059	Nil	4	Nil	5063	Nil

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### 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
Venkatesh Choppella	Virtual Labs experiment	Virtual Labs	07/03/2019
Vishal Garg	Srip Outdoor recording	Virtual Labs	11/05/2019
Vishal Garg	Srip recording outdoor Srip recording outdoor	Virtual Labs	25/05/2019
Raghu Babu Reddy Y.	IEEE workshop	Learning Management Systems	09/11/2019
Jawahar C. V.	Centre for Visual Information Technology (CVIT)	Learning Management Systems	17/05/2019

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## 4.3 – IT Infrastructure

### 4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	1590	23	1	22	18	1	20	1	30
Added	35	1	5	0	0	0	0	0	5
Total	1625	24	6	22	18	1	20	1	35

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

1.02 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
Digital Class Room, Virtual Labs, National Mission on Education through ICT (NMEICT)	<a href="https://www.vlab.co.in/">https://www.vlab.co.in/</a>

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 maintenance of physical facilities
Nil	59942297	Nil	163718249

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)

1. Campus Environment: IIIT Hyderabad is an academic and research institute. Students are expected to maintain sanctity of the campus and should not indulge into anything that vitiates the academic and research environment. Guidelines are available at [http://intranet.iiit.ac.in/offices/static/files/Campus\\_General\\_Rules.pdf](http://intranet.iiit.ac.in/offices/static/files/Campus_General_Rules.pdf).

2. Carry of Identity Cards: All the Students in the Campus have to carry their Identity Cards and they must be in a position to show the same to the Authorities on demand.

3. Movement Register at Main Gate: The Students while leaving/entering the campus have to register their movement at main gate by swiping their ID Card/finger print.

4. Cooperate with Security Personnel: All the students should co-operate with security personnel at all times. Any violation/ mis-behavior by the students with security will be viewed seriously.

5. Vehicle Free Zones: There are many vehicle free zones in the campus. Students are required to maintain sanctity of these zones. In case they want to move heavy goods or take handicapped persons in these areas, should approach nearest security post (main gate, hostel entry, etc) for help.

6. Vehicle pass: Institute discourages students to keep personal motorized vehicles during their stay in the campus. However, in case of some special circumstances, students may be allowed to keep vehicles by taking permission from the general administration.

7. Entry restrictions at hostels: Visitors are not allowed to enter into hostel blocks directly. They need to contact the hostel security for permission, and wait at visitors lounge till the concerned student come and take them inside.

8. Protection of personal devices/gadgets: Students are responsible for the safety of their personal devices/gadgets. Institute does not take any responsibility for this.

9. Adherence to the Laws of the Land: Students are expected to adhere to all the laws of the land. Other support facilities related guidelines are placed on the intranet for dissemination among the students, such as Academic Regulations [http://intranet.iiit.ac.in/offices/static/files/GeneralAcademicGuidelies\\_UG\\_PG.pdf](http://intranet.iiit.ac.in/offices/static/files/GeneralAcademicGuidelies_UG_PG.pdf) Students Academic Leave Rules [http://intranet.iiit.ac.in/offices/static/files/Leave\\_Rules\\_for\\_Students.pdf](http://intranet.iiit.ac.in/offices/static/files/Leave_Rules_for_Students.pdf) Library Policy [http://intranet.iiit.ac.in/offices/static/files/Library\\_Book\\_Issue\\_and\\_Return\\_PolcyNew.pdf](http://intranet.iiit.ac.in/offices/static/files/Library_Book_Issue_and_Return_PolcyNew.pdf) IT Wing Policies on use of computers, labs, wifi, internet etc -

[http://intranet.iiit.ac.in/offices/default/offices\\_x?officeITServicesOfficeSportsCreditspolicy](http://intranet.iiit.ac.in/offices/default/offices_x?officeITServicesOfficeSportsCreditspolicy) - [http://intranet.iiit.ac.in/offices/static/files/Sports\\_Credit\\_Policy-July2018-Final.pdf](http://intranet.iiit.ac.in/offices/static/files/Sports_Credit_Policy-July2018-Final.pdf)

<https://www.iiit.ac.in/about/infrastructure/>

## 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	Teaching Assistantships	604	22594887
Financial Support from Other Sources			
a) National	CSIR, DBT, INSPIRE, Visweswarayya, SERB (OSA)	29	1804439
b) International	TCS, Google, Qualcomm	11	293000

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#### 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
Sessions in Design-Photoshop 2	01/09/2019	35	Art Society
Stargazing and Astrophotography Session	09/11/2019	30	Astronomy Club
Felicity buzz tournament	08/09/2019	15	Debate Society and MUN Club
Open Mic and standup comedy performance by club co-ordinators	28/09/2019	150	FHC Club
Time management event (induction of UG1)	20/08/2019	150	Gaming Club

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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 passed in the comp. exam	Number of students placed
2019	Nil	Nil	Nil	Nil	Nil

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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
1	1	15

## 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
58	308	201	18	105	105

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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	Department graduated from	Name of institution joined	Name of programme admitted to
2020	1	B.Tech - LCD	CS - Lateral Entry	Columbia University	Ph.D
2019	1	Ph.D - CSE	Computer Science	IIT Kharagpur	Postdoctoral
2019	1	B.Tech - LCD	CS - Lateral Entry	UC San Diego	Ph.D
2019	1	B.Tech - CSD	Computer Science	University of Oxford	D. 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	25
GMAT	40
GRE	35
TOFEL	30
Civil Services	2

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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
UG/PG-1 Orientation Trip to Golconda	Campus	400
GameDev workshop	Campus	40

(collaborated with U.S Consulate)		
SPIC MACAY - Tholpavakoothu Event	Campus	300
5th International Yoga Day Celebrations for Girl Students	Campus External	50
5 k.m Run	Campus	140
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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
2019	Best Player - Football (Men)	National	1	1	2018102003	Jayant Duneja
2019	Best Player - Cricket (Men)	National	1	Nil	20161040	Saurabh Mittal
2019	Best Player - Table Tennis (Men)	National	1	Nil	2019210003	Romil
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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)

At IIIT Hyderabad, in place of Student Council there is a Student Parliament in place. The Students' Parliament has its origins spanning back to the early 2000s and is one of the oldest Student bodies of the institute. This body has been the representation of the larger student community to the college administration. Time and again the Students' Parliament has also come up with various initiatives to ease the life of students on campus as well as worked with the college management to improve facilities provided to students. The Parliament has also been instrumental in coordinating with and assisting other student bodies on campus. The Student Parliament consists of students representing each batch in college. In general there is one representative for every 50 students in the batch (referred to as a constituency). The representatives to the Students' Parliament are elected each year through an online voting system (IMS). The representatives then elect the General Secretary and the Speaker. The General Secretary (often with the advice of the Speaker) then nominates some representatives from the members to act as Secretaries (like the Hostel Secretary, Mess Secretary, etc.). The elected representatives then meet once every week or fortnight and hold discussions pertaining to a myriad of student issues. At the end of each tenure, the Parliament (generally) also prepares an Annual Report highlighting the activities and initiatives taken up by the body. Key excerpts from this annual report are then read out by the General Secretary in the Independence Day

address to the students. Some of the representations are.. 1. Students organize activities viz., the periodical meetings of Faculty Committees i.e. Cultural Committee, Campus Life Committee, Clubs associated with Students, NSS-IIIT Hyderabad, Sports and Yoga Committee, etc where the planning of Non-Academic/Extra and Co-curricular activities pertaining to student's life will be done. 2. Student's coordinate the Cultural Exchange activities of external organizations like SPIC MACAY, Sanskriti Foundation. Student's invite renowned speakers from diverse fields across universities, and organizations during UG/PG-1 Students Induction Program in conducting their collaborated events within the campus. 3. Students were also taking active part in various committees viz., Campus Security Committee, Gender Sensitization Cell, Gender Grievance Cell, Campus Beautification Committee etc., 4. An Online Mess portal is in place for students to register to avail their food. It is completely designed and maintained by IIIT H students. Registrations for meals are made through a centralized mess portal <http://mess.iiit.ac.in>. There are four messes available in the campus (a) South mess - serves south Indian food (b) Kadamba mess - serves both veg and non-veg menu (c) Yuktahar mess - serves simple healthy food (d) North mess - serves north Indian food. Institute messes follow two menus, Spring and Monsoon Menu which will be prepared by elected student body and mess admin staff.

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of registered Alumni:

804

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

1559408

5.4.4 – Meetings/activities organized by Alumni Association :

Annual Alumni Meets Governing Council meeting Chapter-wise Meets Alumni cell Meets Alumni speak series twice a month Alumni focus Alumni research series

### 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)

(i) Financial Powers Decentralization - Practice 1 o For day-to-day operations, there are 21 administrative wings are functioning. Each wing has a Head and a faculty In-charge as a Chair. Each administrative Head prepares annual budgets in consultation with the committee chair for approvals. o The finance powers are delegated to a three level hierarchy, listed below. Level 1 authority: Wardens, Lab Coordinators and Select Centre Heads can be the signing authority amount upto INR 1.5 lakhs maximum. Level 2 authority: Committee Chairs, Programme Coordinators can sign when the expenditure is upto INR 5 lakhs (maximum) Level 3 approval authorities: Dean (Academics), Dean (RD), Faculty Chair (Students) and the Director through the Registrar. Purchase Policy Decentralization - Practice 2 o Petty Items: INR 30,000 (Level 1 Chair) Single Quotation Vendor (Any), Purchased by the Administrative Head. o Low Value items: Maximum INR 1,50,000 (Level 1 Committee), at least three Quotations o Medium Value items: Maximum INR 3,00,000 (Level 2 Chair), at least three Quotations o Medium Value items: Maximum INR 5,00,000 (Level 2 Committee), at



least three Quotations o High Value items: Maximum INR 10,00,000 (Deans), Minimum, three Quotations o High Value items: More than INR 10,00,000 (Director along with committee) based on Open Tenders and Expression of Interest (EoI) from the Vendors. For day-to-day operations, the Registrar is the overall In-charge of smooth functioning activities on the campus. (ii) Participative Management - Practice 1 o Both, faculty and students involved in designing the Institute's policy matters and it's implementation. o Regular interactions takes place through internal meetings among the faculty, staff and student bodies. o Director conducts every month, a faculty meeting to discuss academics, research, outreach matters and overall campus activities. o Director, convenes a monthly/bi-monthly meetings with all the faculty members. o Dean (RD) conducts monthly review meetings to deliberate on status of sponsored and consultancy projects etc., o Chair's [Student Life Committee (SLC) Student's Affairs Committee (SAC)] convenes monthly review meetings with the Student Parliament Coordinators. Participative Management - Practice 2 o The students regularly meet up with teaching assistants and faculty Programme Coordinator's. o The Registrar meets all the administrative heads once in a month. All these meetings provide a variety of ideas which will assure easy mechanism in terms of how the decisions are formulated and implemented. o Academic functions are decentralized i.e., each program has a program coordinator who coordinates internally with the respective faculty members. [ The Institute has NINE such program coordinators for each disciplines viz., Computer Science, Electronics and Communication, Civil, Computational Linguistics, Computational Natural Sciences, Cognitive Science, Spatial Informatics, Building Science and Humanities etc., ] o The program coordinators role is to meet with their internal faculty members to achieve academic progress. o The respective faculty members of each program will have an opportunity to share their ideas with the coordinator for executing innovative practices.

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	IIIT Hyderabad believes that any institute should have multiple ways to identify talent to different programs. There is a need to have multiple types of catchment to rank students in their own streams independently. IIIT Hyderabad has several admission options to its B.Tech programs (DASA, Olympiad / KVPY etc.,) and will continue to expand them. For the benefit of convenience, the entire admission procedure was outsourced to TCS-IoN for handling admissions.
Industry Interaction / Collaboration	IIITH is a unique institutional model with high academic vision outside of the government. Globally, Industry-Research connect is quite low. IIITH would like to bridge the gap as research to companies is extremely beneficial. Research can be used by

companies of different sectors like Tech companies, Banks, PSUs, Start-ups, etc to build on the following areas:

Advisory - Research can help validate a company's solution approach or tech/product roadmap to a specific problem

Co-innovation- Research helps to jointly create products/ solutions.

Prototype development - Solutions and products can be developed using emerging research in domain specific areas

Subject matter expertise - Companies looking for complimentary subject matter expertise and domain specific can engage with research.

Support - Support/ Resources for Project Based Research can be provided by Research. For day-to-day operations and to handle Industry interactions and entering into MoUs - a separate Industry (Outreach) division is functioning at full time basis.

Human Resource Management

To create a conducive environment to the faculty, orientation sessions were organized whenever the gaps were identified in the process, necessary trainings were also conducted.

Designing the steps for faculty promotions and, appraisal forms are improvising. Recruiting faculty from diverse backgrounds for encouraging the inter-disciplinary courses and, to inculcate the industry demands in the academic curriculum viz., entrepreneurship and innovations.

Budgets were augmented for faculty relocation reimbursement, housing and emergency medical facilities

Responsible for issue of timely offer letters to all the incumbents across the Institute is smooth Taking care of timely renewal of contracts of all incumbents and interim communications will be sending on policy-related changes, rules and areas impacting individual well-being.

Library, ICT and Physical Infrastructure / Instrumentation

The Institute has well-equipped, air-conditioned computer laboratories allocated batch-wise to the students and contain the latest hardware and software. The average PC-to-student ratio is 1:1. All computers are part of an intranet which connects all buildings, including the hostels round the clock. Researchers have 24 hours access to the computational facilities. The students manage and maintain their

own computer systems. Research centers provide specialized, high-end equipment, as needed in research and development projects. The IIIT Hyderabad Library is the heart of the Academic and Research Programmes of the Institute. All students, faculty members and employees of the Institute are entitled to make use of the Library facilities on taking the library membership. The Library is having a rich collection of books, Reference Books , Theses and Dissertations and Back volumes of periodicals. The Library subscribes to various National / International Print Journals and popular magazines, and also subscribing e-Journals. Library is Automated and enabled with RFID technology by using LIBSYS10 software, which is an integrated multi-user library management system that supports all in-house operation of the library. It consists of modules on acquisition, cataloguing, circulation, serials and Web OPAC.

Research and Development

Quality Improvement Strategy in Research and Development: We are laying focus on Applied Research in several areas where technology can help population-scale problems of the society. Special attention is on the use of Computing and Artificial Intelligence (AI) for problems in healthcare, intelligent transportation, school education, etc. We are creating with models within the institution to enable translational research that impacts the society, beyond the usual tech-transfer, start-up incubation, etc. We would like to be recognized among the very top global institutions in several areas of our research focus. The intense focus on research helps our B.Tech programs to stand out as demonstrated by the impact our alumni have had in academic and industrial research groups as well as in product companies. This year, Professional Development Assistant (PDA) scheme was introduced to encourage the faculty in promoting high standards of research and development in their own specialization.

Examination and Evaluation

IIIT, Hyderabad follows a grade assignment scheme for evaluating a student's performance in a course. The

total mark secured by a student in a course is mapped to a grade. There are five grades that reflect performance and are used in computation of grade point average (GPA) for Quality Improvement: A grade is awarded to a student in a course for which he/she is registered, will be based on his/her performance in different forms of evaluation (such as, examinations, labs, projects, quizzes, assignments) in the course. Each course is required to have a mid-semester exam and a final exam. For a course taken under PCO, the instructor has to place a minimum grade requirement i.e., C and above for getting a (P) pass grade in the course. In exceptional cases wherein a student could not complete all the requirements (for reasons such as, medical problem or equipment breakdown) for securing a grade in the course, an (I) incomplete grade can be given. An incomplete grade has to be changed to a proper letter grade (A(-), B(-), C(-), D, and F) before the end of the next semester. Otherwise, it will default to a (F) fail grade.

Teaching and Learning

At IIITH, attracting enthusiastic and dedicated individuals from the world over as faculty members is a continuous endeavour. As a result, we have faculty members with Ph.D. from best Indian institutions like the IITs and IISc as well as the top global institutions like CMU, Cornell, Princeton, INRIA, U of Tokyo, and others. Faculty are given the flexibility in teaching to concentrate more on research, which creates a unique environment highly conducive to research. IIITH benefits immensely from subject matter from industry experts for both teaching and research areas in their association with the institute as Adjunct Faculty. We encourage faculty and students to undertake research exchange programs to promote our research excellence across the globe. IIIT-H is structured around research centers and labs unlike the conventional departments. Each research centre focuses on a broad problem area and brings together experts from varied backgrounds (industry, government, academia and social sectors) to conduct research and development on specific problem areas i.e., constantly pushing the boundaries of research to a higher

level. The research centers, laboratories and domain centers utilise technologies in diverse disciplines to find innovative solutions to challenges faced by the society. During this academic year (Mid-March) onwards, due to the pandemic - innovative technologies were used for delivering online classes.

Curriculum Development

IIIT Hyderabad's high quality B.Tech programmes in Computer Science Engineering (CSE) and Electronics Communication Engineering (ECE), and innovative curriculum allows students flexibility in selecting courses and undertaking research projects. IIITH's trans-disciplinary programmes effectively combine Computer Science with other domains such as Computational Natural Sciences, Computational Linguistics and Humanities. Our Master's programmes include both technology and domain areas and Dual-Degree programmes as well as Master's and Ph.D programmes have produced research-oriented individuals highly sought after by both academia and industry. These unique qualities of our institution are well recognized among the students.

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

E-governance area	Details
Examination	Online entrance examination is deployed for Post Graduate Entrance Examination (PGEE) channel
Planning and Development	<p>a. Online help desk is deployed to monitor regular day-to-day campus maintenance operations</p> <p>b. A sensor based water recycling system is functional on the campus</p> <p>c. Heating, ventilation, and air conditioning (HVAC) is also functional</p> <p>d. HPC@IIIT-H : In order to deliver sustainable and reliable computing resources and services that meets research demands of the highly computational campus research community, IIIT has built High Performance Computing (HPC) facility. This facility provides campus researchers with the cutting edge, state of the art computing infrastructure enabling them to address the scientific, application and engineering problems and solving the challenges in the research areas of IIIT-Hyderabad.</p>

Administration	a. Electronic waste management was deployed to collect the campus-wide e-waste for timely disposal. b. Biometric attendance / RFID entry at Main Gate Security and Library was in place.
Finance and Accounts	a. Budget augmentation and expenditure is completely made on ONLINE mode b. Every department, every year upload their departmental budgets on Integrated Management System (IMS) Portal. c. All the necessary approvals routed through online where an end-user can easily able to spot where his / her file is lying, currently.
Student Admission and Support	To maintain high level of academic standards and smooth running of the academic session, IIIT-H will complete all admissions before the start of the academic session. The screening of applications, eligibility criteria and conduct of the entrance examinations takes every year ON TIME with the help of implementing technologies in the entire process. Based on the examination results, qualified candidates are called for an interview at the institute. A panel of faculty members interviews the candidates and makes the selection based on the aptitude and suitability of the candidates. Admissions Office is very much accessible to all the students in this entire process for extending all the necessary support with the help of using technologies.

### 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	Santosh Ravi Kiran	Icdar 2019	Icdar 2019	Nil
2019	Suryakanth Gangashetty	Interspeech-2 019	Interspeech-2 019	Nil
2019	Vishal Garg	Bs2019	Bs2019	Nil
2019	Anoop Namboodiri	Iccv 2019	Iccv 2019	Nil
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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 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)
2020	Nil	Training on MS Office advance techniques	18/05/2020	31/05/2020	2	84
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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
Universal Human Values workshop at Aeronautical Institute, Dundigal, Hyderabad	120	16/07/2019	21/07/2019	6
Inaugural lecture at Osmania University	80	16/07/2019	17/07/2019	2
Faculty Development Programme on student induction	100	12/07/2019	15/07/2019	4
Introduction to Git : What is it, Why do we use it and How to use it.	130	04/11/2019	04/12/2019	31
TechX.	140	13/12/2019	14/12/2019	2
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
8	8	1	5

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Dispensary facility, Faculty residential Qtr.	Dispensary facility, dedicated Ambulance	Scholarships, Fee concessions including

rentals on nominal price	facility in case of emergency and Sanskar School (free education) teachers offering classes on voluntary without collecting the fee from faculty and staff children	Students Bank Loan support for purchasing Laptops, admission fee etc., where Institute gives guarantee Exclusive Counsellor for Students to take care of the needy students and Dedicated Ambulance facility for students in case of emergency, dispensary facility
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## 6.4 – Financial Management and Resource Mobilization

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

Every year, two phases of audit takes place in the Institute - (a) Internal Audit (b) External Audit. I. Internal audit o The role of internal audit is to provide independent assurance that our organisation's risk management, governance and internal processes are operating effectively. It gives us further suggestions to improve the financial security at all levels. o Our Governing Council approves to identify and appoint an authorized audit agency for this exercise. o All the reports will be circulated to the senior management within the organization structure. o All categories of risks and suggestive measures are highlighted to strengthen the day-to-day activities. o It gives us a basic ground to conduct the external audit, further. The Scope of audit is on the lines of... 1. Opening Balance verification 2. Tuition fee reconciliation including Hostel, Electricity, water and Mess fee etc., 3. MS by Research, Ph. D tuition fee reconciliation 4. PGSSP [Tuition fee, hostel fee, mess fee and exemption] 5. Verification of interest accrued on deposits 6. MSIT Hostel fee Electricity and water charges and Mess fee reconciliation 7. Admission fee reconciliation with online portal 8. Allotment of seats with online portal and fee collection 9. Fixed Deposits physical verification 10. Scrutiny of all Ledgers 11. Rents recovery from companies and petty traders 12. GST payments to Government and month-wise returns and Inputs 13. Month-wise Professional Tax challan verification 14. Classification of Ledgers 15. Income Tax Remittance and quarterly filing of returns and month-wise verification 16. Residential Quarter rents recovered from Faculty and Staff from their salaries 17. BRS verification for all Banks.(9 Banks) 18. Month wise Vouching [Receipts Payments] 19. Verification of Journal Vouchers 20. Checking of Outstanding Liabilities 21. Verification of Receivable Accounts 22. Cross checking of 26AS with Books of Accounts 23. Verification of Pay bill with Office proceedings 24. Verification of Asset Registers and Library Books Registers 25. All Projects accounts [Asset registers for verification] 26. Verification of Hostel summer rents collections with online portal checking 27. Complete Mess Account verification 28. Verification of Seminar and Workshop Accounts 29. Verifying Revenue Generated Accounts II. External audit o The external auditors are appointed by our Governing Council (GC). Every year, the auditor's report will be circulated to the GC well in advance and after their approval, it will become a public document. o This report will be filed with Income Tax department every year within the stipulated time. The same is being submitted to external agencies for various regulatory / statutory purposes which shows our financial credibility. o Based on the internal audit report, identification of financial risks (if, any) for the organisation o Covers only financial nature of risks and reporting to stakeholders and alerts in case of risk. o Validation on stock registers, payments and receipt vouchers, purchase orders, utilization certificates, tuition fee reconciliation of all streams, cash book and ledgers o Based on the recommendations, post auditing measures will be



executed by the management to sustain the transparent and accountability of the institute

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
N.A.	0	N.A.
No file uploaded.		

6.4.3 – Total corpus fund generated

90000000
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## 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	No	Nil	Yes	Dean Academics and Faculty Affairs Committee
Administrative	No	Nil	Yes	Registrar and Administrative Heads

6.5.2 – What efforts are made by the University to promote autonomy in the affiliated/constituent colleges? (if applicable)

Not applicable as we are Unitary Institution
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6.5.3 – Activities and support from the Parent – Teacher Association (at least three)

1. Ms.Srija Kamishetti Dual Degree Student The parents feel that they are the happiest parents as their both kids (Son and Daughter) studied in IIIT-Hyderabad which is very safe place for women students, especially. Equal opportunities for all and faculty are best in country. Curriculum and co-curricular activities enhanced their leadership skills and ability to organise events. There is abundant chances to research in very young age, and the courses offered in IIIT-H help in solving the real world problems. Opportunities given by the institute to participate in various conferences national and International level, made their daughter Independent and confident women. IIIT-H made men and women's dreams come true. Source: <https://www.youtube.com/watch?v27TUF1tjsh8> 2. Name: Srikavitha Parupalli (CHD) Curriculum is effective which enables to explore and apply their theoretical knowledge to practice. Safe Space in all fields which enable to participate in various conferences in various countries due to Benchmark standard of IIIT-H. Thankful to all faculty and in particularly to Prof.Navjyothi and Dr.Radhika Mamidi and Dr Kavitha who gave me some role in e-cell which enabled me to get exposed to the world of Startups. Parents are very happy as their daughter is part of Thriving IIIT-H Source: <https://www.youtube.com/watch?vf30NYj1YBSY> 3. Name: Mounika Kamsali veera (CLD) Curriculum in IIIT-H transforms students to present Competitive Global setups Enabled Ms.Mounika to participate in Various Conferences and publish papers in journal Nationally and Internationally. Foundation laid by IIIT-H faculty and hardwork of their daughter to win prizes and good opportunities. Very happy with the initiative of Human values course as mandatory to students which develops empathy and positive attitude. Safety

and Security and cleanliness in IIIT-H campus is awesome. Parents are strongly recommending IIIT-H to all aspirant engineering students. Source: <https://www.youtube.com/watch?vud3ER8kn00E>

#### 6.5.4 – Development programmes for support staff (at least three)

1. Training programs were conducted on: MS Word, Excel, Power Point 2. Training programs were organized on Communication Skills in three different batches 3. Training programs were organized on Integrated Management System (Inhouse portal)

#### 6.5.5 – Post Accreditation initiative(s) (mention at least three)

a. While designing the Curriculum planning and development, involvement of industry representatives and alumni participation was in place b. Adequate seats were allocated for girl students in admission through Gender Diversity Pool channel c. Internal reward system for both, faculty and students is initiated in the form of Incentives for top peer reviewed Journals / conferences

#### 6.5.6 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	No
d) NBA or any other quality audit	No

#### 6.5.7 – 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	1	02/09/2019	02/09/2019	06/11/2021	85
2020	1	24/02/2020	24/02/2020	24/02/2020	75
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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
First Drop Event - What's in Gender	12/10/2019	12/10/2019	20	15
Dr. Ram Mohan's Talk on "My brain - Its Creative Use and Recreational Abuse"	12/04/2019	12/04/2019	15	45
Sri. Akun Sabharwal Talk on " Narcotic	17/04/2019	17/04/2019	15	25

Drugs and Psychotropic Substances' Abuse - A brief chat"				
Movie Screening - But, What was she Wearing	30/04/2019	30/04/2019	20	35

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
(a) There is an average 15631 KWH per day power consumption on the campus Installed 500kilo watts roof top solar system and connected to power grid, started power generation from February, 2020 with an average 786 KWH per day. There is 5 decrease in power bills due to use of renewable energy source. (b) A Minimal Liquid Discharge (MLD) Sewage Treatment Plant (STP) of 0.40 constructed to treat the waste water from all hostels in the campus treated water from STP is used for flushing in toilets at all hostels. 350 KLD demand water consumption in campus got reduced to 250 KLD, with this there is 30 reduction in campus water bills. (c) Provided washrooms as per NBC standards for differently abled person at all buildings in the campus.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	Nil
Provision for lift	Yes	Nil
Ramp/Rails	Yes	Nil
Braille Software/facilities	Yes	Nil
Rest Rooms	Yes	Nil
Scribes for examination	Yes	2
Special skill development for differently abled students	Yes	2
Any other similar facility	Yes	3

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	2	1	05/05/2019	1	Donting Clothes and Used Note Books	Given to the needy students / people	15

2019	2	2	21/06/2019	1	Free awareness session on importance of Yoga for school students	Offered at Nearby Govt., High School	20
2019	2	1	12/07/2019	1	NSS State Level Coordinators Meet	To gain the new knowledge by interacting with other institutions	10
2019	2	2	12/08/2019	1	Free cloth donation drive organized	For the poor and needy people	10
2019	2	2	15/08/2019	1	Blood Donation Camp organized	for the cause of needy people under Lions club	5

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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)
Foundation Course in Human Values and Professional Ethics	12/09/2019	To prepare the students, teaching the Foundation Course in Human Values and Professional Ethics, which is a crucial academic input for the technical and other professional institutions. It is intended to be the primary step to fulfill a long-felt need and provide the missing link in the present education curricula. Accordingly, conduction of this course effectively needs an appropriate aptitude, commitment, training and teaching effort on the part of the teacher. In order to create that kind

of ambience for this activity, a Value Education Cell is very important to be set up in the higher educational institutions for organizing special lectures and other activities for the sensitization of faculty members and students in the institute.

Foundation Course in Human Values and Professional Ethics: teacher manual

07/02/2020

We have also been taking proactive steps in terms of Values and Ethics course involving more than 20 Faculty members. Classes for this course typically involve weekly discussions with groups of 10-15 first year students, for the whole of the first year. A major thrust of these discussions is towards developing the understanding of trust and mutual respect among the students. Naturally this makes these students understand and appreciate the importance of healthy relationships and they are therefore least likely to even think in terms of ragging, when they become senior students.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Advanced Training of Trainers Workshop (Faculty Development Program Student Induction - FDPSI) in association with AICTE and UGC	15/11/2019	17/11/2019	180
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

(a) A 0.40 MLD STP Constructed to treat the waste water from all hostels in the campus, treated water from STP is used for flushing in toilets at all hostels. 350 KLD demand water consumption in campus got reduced to 250 KLD, with this there is 30 reduction in campus water bills. (b) There is an average 15631 KWH

per day power consumption in the campus. Installed 500kilo watts roof top solar system in the campus and connected to power grid, started power generation from February, 2020 with an average 786 KWH per day. There is 5 decrease in power bills due to use of renewable energy source. (c) Replaced Door frames shutters with Wood-plastic composite Material which eco-friendly (engg BP). (d) Performed Termite and damp proof, long-lasting (Engg BP). (e) Made the whole campus as Plastic free zone by removing plastic items in the canteens by deploying sufficient dust bins.

## 7.2 – Best Practices

### 7.2.1 – Describe at least two institutional best practices

Best Practice 1: Post Graduate Student Status Programme (PGSSP) Working professionals who are employed at Hyderabad and have a desire to pursue higher studies on a part-time basis can apply to the Post Graduate Student Status Programme (PGSSP). Admissions are open in Monsoon and Spring semesters every year. The post-graduate status can be accorded to a professional on the basis of his/her academic and experience record. Once someone is awarded the PG status, he/she can take a maximum of two courses at the institute every semester. This provides him/her with the opportunity to acquire new knowledge in chosen areas without committing to a formal programme. The courses taken under the PGSSP scheme can count towards a formal degree from the institute, should the student join one of the full-time or part-time programmes subsequently. The candidate has to attend the classes within week days (Mon - Sat). The classes for the courses selected will be conducted twice or thrice a week. Attendance for the classes is mandatory. Thus, those who were pursuing / applying to this programme were asked to produce a No Objection Certificate from employer to attend the classes in the office hours. The candidates are undergoing minimum of one subject and maximum of two subjects in a semester that resulted into gain additional knowledge which helps them in their routine office works. The programmes is offered purely for working professional based at Hyderabad. Best Practice 2 (Community Kitchen during the COVID pandemic): IIIT Hyderabad community has committed to supply 100 meals each twice a day to migrant labourers and others in need around the city. The Telangana Social Impact Group along with the Govt of Telangana are coordinating the distribution of the food. Their volunteers will pick up food from our campus twice a day. The whole effort put in by our faculty in liaising with the outside NGOs and the like as well as with internal community for volunteers and help has taken a step up in serving to needy people. The student volunteers, staff and faculty have taken the responsibility of cutting/preparing vegetables and other provisions, packing the food into the packets for transportation, cleaning up, and perhaps a few for the cooking process. The cooking was coordinated along with the regular mess staff. The costs for this initiative was kept separately and shared by the faculty/staff, voluntarily. The initiative was supported by campus residents, faculty, support staff and students.

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

<https://www.iiit.ac.in/academics/postgraduate/part-time/>

## 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

IIIT Hyderabad aims to be a research university with research placed at the center of many of its activities. To this end, IIIT Hyderabad encourages its faculty members and students to excel in research. The teaching load per faculty is also kept small so that faculty get ample time to focus on research.

Every year, each faculty member is awarded professional development fund that is based on their research productivity in the past year. This fund can be used by respective faculty at their discretion to meet research expenses including conference travel and equipment. In addition, IIIT Hyderabad also offers limited support to its students to attend prestigious international and national conferences to present their work. This year, about 35 students were sanctioned of INR 8.20lakhs. Every year, select students nominated by faculty advisors are also awarded with a mention in the Dean (RD) list for their contribution to research in terms of building systems, datasets, papers, and so on. As a result of these allied and promotional activities, IIIT Hyderabad now ranks sixth in the country in subject specific rankings such as those as csrankings.org. In more specific disciplines such as Artificial Intelligence, the institute now ranks number 1 in the country. National Rankings viz., NIRF and ARIIA have also prominently put us on the top ranking table, every year. These measures are indirectly helping us attract top quality applications for faculty positions at IIIT Hyderabad. Owing to its emphasis on research, trans-disciplinary programs such as those in Computational Natural Sciences and Computational Linguistics IIIT Hyderabad are flourishing with students graduating from these programs getting admissions to the doctoral programs at very prestigious universities. Some of these alumnus are now faculty members at IIIT Hyderabad, itself.

Provide the weblink of the institution

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

### **8.Future Plans of Actions for Next Academic Year**

**Admissions and Diversity:** IIIT Hyderabad realizes that having a diverse set of students is important to the overall success of the program and to inculcate in students a strong sense of understanding and appreciation of the other. With this in mind, IIIT Hyderabad admits students to its undergraduate programs in multiple ways apart from those from the standardized JEE process. These include considering students who distinguish themselves with a selection in KVPY, representing India in international Olympiads on Science, Maths, Linguistics, Informatics, and so on. To promote gender diversity, IIIT Hyderabad also introduced a diversity pool starting in the year 2020. This pool has 25 of the seats admitted through the JEE mode and are accessible only to eligible female applicants. 25 number of seats in CSE and 15 seats in ECE in 2020-21 admissions. Additional eligibility for the Diversity Channel is being in the top ONE percentile of JEE Mains exam. Each eligible candidate will be given a seat from the Diversity Channel first. IIIT Hyderabad plans to organize several sessions across the country to encourage female applicants to apply. IIIT Hyderabad also admits 20 students from specific pools such as those students studying in the six year programs of RGUKT and students enrolled in the UDAN program. These pools typically contain students from a largely rural background with limited access to professional coaching programs. **Outreach:** IIIT Hyderabad is planning to offer multiple education outreach programs aimed at the industry professionals. The plans are to offer these over multiple weekends and include both lectures and hands-on practice sessions. These courses include Blockchain, Artificial Intelligence and Machine Learning, Internet of Things (IoT), Software Engineering for Data Science, and so on.