



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution		INDRAPRASTHA INSTITUTE OF INFORMATION TECHNOLOGY, DELHI
Name of the head of the Institution		Prof. Ranjan Bose
Designation		Director
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		01126907480
Mobile no.		9910032382
Registered Email		director@iiitd.ac.in
Alternate Email		bose@iiitd.ac.in
Address		Indraprastha Institute of Information Technology, Delhi
City/Town		Okhla Industrial Estate, Phase III, (Near Govind Puri Metro Station)
State/UT		Delhi

Pincode	110020																		
2. Institutional Status																			
University	State																		
Type of Institution	Co-education																		
Location	Urban																		
Financial Status	Self financed																		
Name of the IQAC co-ordinator/Director	Prof. Ranjan Bose																		
Phone no/Alternate Phone no.	01126907480																		
Mobile no.	9910032382																		
Registered Email	admin-academic@iiitd.ac.in																		
Alternate Email	doaa@iiitd.ac.in																		
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)	https://iiitd.ac.in/naac																		
4. Whether Academic Calendar prepared during the year	Yes																		
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.iiitd.ac.in/academics/m2019																		
5. Accreditation Details																			
<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 Accreditation</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>3.04</td> <td>2015</td> <td>01-May-2015</td> <td>31-May-2020</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accreditation	Validity		Period From	Period To	1	A	3.04	2015	01-May-2015	31-May-2020
Cycle	Grade	CGPA	Year of Accreditation	Validity															
				Period From	Period To														
1	A	3.04	2015	01-May-2015	31-May-2020														
6. Date of Establishment of IQAC		12-Nov-2015																	
7. Internal Quality Assurance System																			
Quality initiatives by IQAC during the year for promoting quality culture																			
Item /Title of the quality initiative by IQAC		Date & Duration		Number of participants/ beneficiaries															

Top 50 in QS India Ranking	01-Oct-2019 1	2200
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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
Indraprastha Institute of Information Technology, Delhi	12B	UGC	2012 1	70000000
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9. Whether composition of IQAC as per latest NAAC guidelines:

No

Upload latest notification of formation of IQAC

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10. Number of IQAC meetings held during the year :

0

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

No

Upload the minutes of meeting and action taken report

No Files Uploaded !!!

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

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

1. To impart healthy life to the students the institute started conducting various wellness programs for students and formed a well being committee for the same. 2. Sewage Treatment Plant 3. Gender Equity Awareness in Campus 4. Institute believes in helping its students wherever required. Hence the institute created a student welfare fund to help the needy students. 5. To take quick decisions regarding UG and PG matters the institute merged UG Committee and PG Committee together to create a single committee for all academic issues. 6. To appreciate the efforts of the faculty in grooming the students, the Institute established Prof Rajeev Sanghal Fellowship.

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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
<ul style="list-style-type: none"> Increasing the participation of students in sports/ extra curricular activities 	<ul style="list-style-type: none"> IIIT-Delhi students have excelled in sports as well, and have won several inter-university medals. One student secured two gold medals in Delhi State level roller games, one in the category of Classic Slalom, one in the category of Speed in Senior Women (Inline Freestyle) and represented India in World Roller Games held in Barcelona, 2019 in Inline Freestyle. The UAV Team of the Institute competed at the 17th edition of the coveted Association for Unmanned Vehicle Systems International Student Unmanned Aerial Systems (AUVSI SUAS) and secured the 6th rank among a total of 75 teams who participated from all over the world. The Institute also organized the joint sports meet, Triquetra, in collaboration with DTU and NSUT with over 1200 participants from 60 Institutes. This year has been unique due to the Coronavirus pandemic. Despite the adversities, the entire IIIT-Delhi community, the students, the faculty and the staff have demonstrated an indomitable spirit, resilience and cooperation in the face of this unprecedented situation arising out of the pandemic. The faculty members and staff worked tirelessly to ensure that there were minimum disruptions to academics and services during these difficult times. IIIT-Delhi has always stayed ahead of the curve and was one of the first Institutes in Delhi to have planned and successfully closed the Winter semester despite the pandemic scenario. Feedback was also gathered from the students which has enabled the Institute to plan the next semester, which is underway in a completely online mode. The closure of the semester in a timely manner enabled the final year students to join their jobs or go for the higher studies and the 3rd year students to take up their internship offers in time.
<ul style="list-style-type: none"> Promote Entrepreneurship 	<ul style="list-style-type: none"> The Institute has launched a new Minor in Entrepreneurship which will provide a transformational hands-on experience to our students and instill the entrepreneurial spirit. This is

	<p>also in line with the 3rd mission of Higher Education Institutes and also the National Education Policy 2020. Regarding strengthening the innovation ecosystem, the Institute has received grant of Rs. 3 crores from MEITY for Technology Incubation and Development of Entrepreneurs, TIDE 2.0 Center. The Phase II facility of our Incubation Center has added 90 seats and we now have a total of 23,000 sq. ft. of space dedicated to incubation and entrepreneurial activities. Thirteen new startups has been on-boarded as new incubatees in the past year. Among various activities, the second edition of the flagship event 'Pitch Café 2.0', in association with the E-cell and the Institute Innovation Council, was organized</p>
<ul style="list-style-type: none"> • To Increase Research & Outreach activities on campus 	<ul style="list-style-type: none"> • IIIT-Delhi hosted the Research Innovation and Incubation Showcase (RIISE) in Jan 2020 as a part of its industry outreach activity. This event was a confluence of thought leaders, researchers and developers, who were passionate about bringing new advances in areas related to the five key themes: Digital Health, Human Centered Design, Information Security, Internet of Things and Sustainability.
<ul style="list-style-type: none"> • Increase Diversity on Campus 	<ul style="list-style-type: none"> • IIIT-Delhi has also signed MOUs with Arctic University of Norway, University of Cape Town, University of Trinity and Central Michigan University. IIIT-Delhi also organized an Indo-German Spring School on Algorithms for Big Data aimed to train young researchers. The Institute has started a new mode of admission for International students for all UG and PG programs. This is in addition to the existing DASA mode of international admissions.
<ul style="list-style-type: none"> • To build strong linkages with other Universities and Industry 	<ul style="list-style-type: none"> • The Institute has signed MoUs with TCS Foundation, IBM, Extramarks Education India Pvt. Ltd., DSCI, Wish Foundation, Wipro Ltd., Omidyar Networks, Spinal Injuries Centre, Delhi Police, Delhi EGovernance Society, ITC Limited, National Health Authority, South Delhi Municipal Corporation etc. to carry out researchdriven projects. IIITDelhi has also been in sync with the needs of the industry in terms of capacity building. The Institute is planning to start a PG Diploma program in collaboration with industry

partners, such as IBM.

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14. Whether AQAR was placed before statutory body ?	No
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2019
Date of Submission	08-Mar-2019
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)	IIIT Delhi is currently using an online ERP system for academic operations like course registration and grading. Faculty use the ERP system for managing the students registered for their course and allotting grades to them. Institute developed an in house online MIS module for the hostel allotment process starting winter semester of AY 201920 onwards. The in house module represents the same functions as the earlier module and gives all the information that gives the institute a view about the usability of resources and requirement in future. Institute has EASYPAY portal which has TDS Investment Declaration System, Income Tax Projection, Web Base Salary Viewing facility, Reimbursement of Claim and is being used by all staff and faculty members HR department has Staff Leave Portal where staff members can view their monthly attendance report they can apply leave on the portal and can view its status.

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
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BTech	CSE	Computer Science Engineering	05/08/2019
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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	NIL	Nil	NIL	Nil
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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	ENT Minor program Introduced	01/08/2019
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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
BTech	All Specializations	01/08/2019
Mtech	All Specializations	01/08/2019
PhD or DPhil	All Specializations	01/08/2019

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
Self Growth	01/08/2019	212
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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
BTech	All Specializations	194
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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	No

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

Feedback Obtained

Feedback from students: Students are required to give feedback twice a semester, once after 4 weeks of the start of the semester and another at the end of the semester. Mid Sem feedback is used by the faculty to make improvements in the course delivery, course management etc. End Sem feedback is being discussed in an yearly meeting of DoFA and faculty and is used as a suggestive tool for improvement in future years. Students feedback is also utilized in the annual performance evaluation of the departmental employees dealing directly with the students such as Academics section, Student Affairs section, Research Labs section and IT section. Both the feedbacks are shared with the faculty and a copy of the same is kept in institute records.

Feedback from Faculty: Faculty members give feedback about institute facilities and various departments on campus viz Academics, Store and Purchase, Finance, IRD etc. The feedback is used as a tool to share inputs with the respective departments for improvement. Some Teachers being the Reporting Officer give their feedback for annual performance evaluation of their Junior Teachers and staff members. This feedback determines analysis of performance related gaps and improvement thereon for the overall effectiveness of the work The institute also conducts regular feedback regarding institute services. This feedback is taken from the students and faculty members to improve various services viz. FMS, Housekeeping, Library, Labs related services etc. Feedback is further analyzed for preparing an action plan for the improvement of the services needing. improvement.

Alumni: One such feedback is taken from Alumni at the time of their graduation. The feedback revolves around the curriculum they have studied, institute resources etc. Alumni are also a part of Institute Senate and hence contribute to all the Academic Matters of the Institute. 3 Day Module Feedback - We also started analyzing the feedback to discuss about the improvement in the curriculum if required, also this feedback helps faculty in improving the delivery of the modules

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
Mtech	Computer Science & Engineering	135	1288	135

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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	1438	594	16	42	28

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	Numberof smart	E-resources and
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Teachers on Roll	teachers using ICT (LMS, e-Resources)	resources available	enabled Classrooms	classrooms	techniques used
86	86	7	22	22	5

[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)

Student Mentorship Program (SMP) is a program within the IIIT Delhi student community, with the primary objective of enabling constructive and positive interaction, guidance and mentorship of junior students by senior students. Mentoring is a particular form of relationship designed to provide support to first year students. The mentor is generally more experienced than the mentee and makes use of that experience in a facilitative way to support the development of the mentee. The mentoring relationship provides a developmental opportunity for both parties and can thus be of mutual benefit. In a nutshell, a student mentors role may be perceived to be facilitative, supportive and developmental for the student community in general. Mentor Review Board (MRB)

The Student Mentorship Program is monitored by a body, Mentorship Review Board whose mandate is to carefully pick the right kind of mentors who are enthusiastic to take up this responsibility to help and support the first year students. And to look after the smooth conduct of the program. Mentor selection process - Invitation for applications to B.tech 3rd/4th year, M.Tech 2nd year and Ph.D 3rd year onward students. - Interviews to be conducted by Mentor Review Board. - Based on the interview performance selection of required number of mentors. -Random assignment of mentees to mentors. Sessions with Mentors All these sessions are conducted by Mentor Review Board - The first session focuses on the training of mentors for this program which is conducted in the beginning of academic year. - Other sessions to discuss about the issues/challenges faced by the mentors in order to resolve them and also to share the success stories or experiences of the mentors. - The last session of the academic year is conducted to award the mentees with certificates and top 20 of the mentors are recognized as best mentors. Certification and recognition is based upon the feedback from the mentees and participation into the Session with Mentors. The feedback is taken once a semester. In addition to the student mentors, there are faculty coordinators of each UG and PG specialization who act as academic mentors for the students of their respective specializations. The students can approach faculty coordinators to plan their courses, graduation requirements, minors, specialization etc. Also, academic department of IIITD acts as a major support for the students to guide them plan their degree requirement. Each UG/PG program of IIITD has been assigned a Junior Manager/Assistant Manager who acts as first point of guidance for the student to plan their graduation requirements. The institute with the help of Student Senate also conducts regular interactions of the students with the senior students and alumni to provide necessary guidance to the students.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2032	86	1:8

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
113	86	27	12	85

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	Gaurav Ahuja	Assistant Professor	• Ramalingaswami re-entry fellowship by the Department of Biotechnology, Government of India

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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	CSE	I, II, III, IV	28/11/2019	12/12/2019

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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
Nil	2032	0

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.iiitd.ac.in/academics/>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
CSE	BTech	Computer Science & Engineering	124	121	98

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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)

<https://iiitd.ac.in/naac>

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	Sanat K Biswas	• Young Scientist Award 2020	01/08/2019	International Union of Radio Science (Union Radio Scientifique Internationale-

URSI)by the International Union of Radio Science (Union Radio Scientifique Internationale-URSI)

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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
UGC	1460	UGC

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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	730	SPARC, MHRD	53.61	28.99

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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
ECE Seminar series on Optimally Compressed Nonparametric Online Learning	Amrit Singh Bedi, U.S. Army Research laboratory	01/07/2019

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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
Education Innovation Award	Anubha Gupta	IEEE ICASSP 2019, Brighton, UK	05/08/2019	Research

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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
IIITD Innovation Incubation Center	IIITD Innovation Incubation Center	DST, DTTE MeitY	Embereon Technologies Private Limited	Information Technology	13/08/2019

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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
PhD, CSE, ECE and CB	9

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)
International	Computer Science Engineering	34	Nil
International	Electronics Communication Engineering	56	Nil
International	Computational Biology	21	Nil
International	Mathematics	10	Nil
International	Social Science Humanities	2	Nil
International	Human Centre Design	1	Nil
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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
Electronics Communication Engineering	164
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3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
Photoreceiver enabled smart phone	Filed	201911000000	Nil
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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
BitterSweet, Building machine learning models for predicting the bitter and sweet taste of small molecules	Tuwani, R., Wadhwa, S., Bagler, G.	Scientific Reports	2019	Nil	Indraprastha Institute of Information Technology Delhi OR IIIT-Delhi	3

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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
From objectivity to openness: A study of digital journalism in the 2019 elections	Khan, A., Shobha, S.V., Chamuah, A.	Economic and Political Weekly	2019	10	Nil	Indraprastha Institute of Information Technology Delhi OR IIIT-Delhi

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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	331	25	Nil	Nil

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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultant(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Dr. Sumit Darak	Design analysis of 5G Station	VVDN	967000

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3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultant(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
NIL	NIL	NIL	0	0

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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
Summer Camp	IIITD	1	34

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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
Green Rating for Integrated Habitat Assessment	GRIHA Four star rating for the main academic and seminar block in 2019	Ministry of New Renewable Energy, Govt of India The Energy Resources Institute	2032
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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/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Swachh Bharat Abhiyan	Institute clubs	Cleaning drive	5	150
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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
HELIOS: Hate, Hyperpartism and Hyperpluralism Elicitation and Observer System	Dr. Tanmoy Chakraborty	Wipro	3
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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
Research	Essentiality, Risk and Responsibility in the Pandemic	Indian Institute of Technology, Hyderabad	02/03/2020	31/12/2020	Dr. Anindita Majumdar and Dr. Gayatri Nair
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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
Indian Spinal Injuries Centre	18/12/2019	Student Teacher Exchange Program Research Academic exchange program	1

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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
957	461

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or 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
Koha	Fully	3.22	2013

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	8950	4333286	866	474173	9816	4807459

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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
Prof. G.P.S Raghava	VacTarBac : A Web Resource for Designing Subunit Vaccine Against Major Pathogenic Species of Bacteria	Unix	01/08/2019
Prof. G.P.S Raghava	HumCFS : A database of fragile sites in human chromosomes	Unix	01/12/2019
Prof. G.P.S Raghava	ccPDB 2.0 : An updated version of datasets created and compiled from Protein Data Bank	Unix	01/10/2019
Prof. G.P.S Raghava	AntiMPmod : Prediction of Antimicrobial Potential of a Chemically Modified	Unix	01/12/2019

	Peptide From Its Tertiary Structure		
Prof. G.P.S Raghava	PPDBench : Benchmarking of docking software on protein-peptide complexes.	Unix	01/01/2020
Prof. G.P.S Raghava	CancerLSP : Liver Heptacellular Carcinoma Stage Prediction	Unix	01/01/2020
Prof. G.P.S Raghava	ImmunoSPdb : An archive of immunosuppressive peptides	Unix	01/02/2020
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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	564	374	564	0	0	95	77	1	18
Added	5	3	0	0	0	2	0	0	0
Total	569	377	564	0	0	97	77	1	18

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

1 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
NPTEL, IIT MADRAS	https://nptel.ac.in/courses/111102129/
VacTarBac : A Web Resource for Designing Subunit Vaccine Against Major Pathogenic Species of Bacteria	http://webs.iiitd.edu.in/raghava/vactarbac/
HumCFS : A database of fragile sites in human chromosomes	http://webs.iiitd.edu.in/raghava/humcfs/
ccPDB 2.0 : An updated version of datasets created and compiled from Protein Data Bank	https://webs.iiitd.edu.in/raghava/ccpdb/
AntiMPmod : Prediction of Antimicrobial Potential of a Chemically Modified Peptide From Its Tertiary Structure	http://webs.iiitd.edu.in/raghava/antimpmod/
PPDBench : Benchmarking of docking software on protein-peptide complexes.	https://webs.iiitd.edu.in/raghava/ppdbe

	nch/
CancerLSP : Liver Heptacellular Carcinoma Stage Prediction	https://webs.iiitd.edu.in/raghava/cancerlsp/
ImmunoSPdb : An archive of immunosuppressive peptides	http://webs.iiitd.edu.in/raghava/immunospdb/
Introduction to Genome Mapping and Understanding with Data Science	https://www.experfy.com/training/course/introduction-to-genome-mapping-and-understanding-with-data-science

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
1701	1022	957	329

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)

The Library and Information Center is housed in a separate four-story building on the Institute's campus. On the ground floor of the Library building a reading room is provided where students can sit and study in groups. It is a user-focused center of learning resources that meets the entire academic and research fraternity requirements regarding learning, teaching, research, and training programs. It provides 24x7 learning spaces to its users. Sports management: In 2018 the institute added many new sports facility that comprises of a Cricket ground, Swimming pool, Squash court, badminton court etc. The SOP for usage of the sports facilities is available specifying all rules regulations for all users. Hostel: <https://www.iiitd.ac.in/life/hostels/hostel-policies> IIITD has single, double and triple sharing hostel rooms. Hostel Administration is being taken care by Student Affairs Department and there are defined rules and policies for the students staying in Hostel. ECE Labs: The new ECE labs were constructed on the 3rd floor of the Lecture Hall complex. Each lab has an assigned Lab Engineer who takes care of the lab and the resources available there. There is proper process which is being followed for issue and return of lab resources to students and faculty members. Locker facility is also provided to students strictly for keeping lab resources. Few labs are RFID secured labs, only students with its access card can enter the lab. Conduct of experiments is done under the supervision of Faculty/ Teaching Fellows / Lab Research Engineers only. There are specific guidelines for usage of each lab which student needs to follow. <https://ecelabs.iiitd.edu.in/policyandguidelines/lab20guidelines.pdf> <https://ecelabs.iiitd.edu.in/policyandguidelines/student20guidelines.pdf> Rules of usage of Classrooms Students and Faculty can use classrooms for various club events, interactions etc. Academic office handles room management at IIITD. The rules for usage of rooms are conveyed to the students through Student Senate and Council. Anyone in need of a room need to send an Email on support-academic@iiitd.ac.in. The rooms are booked by Academic office through a room booking software and the confirmation is sent to the requester through Email. The room booking software also helps the user know the availability of rooms. Facilities Management Services The facility team at IIITD takes care of all the other facilities at IIITD. The institute has defined policies wrt to usage of

various other resources like visitors policy, parking policy etc. For facilities requests and complaints management, a system is as available on the below link <https://www.iiitd.ac.in/facilities/fms> Green Policy: https://www.iiitd.ac.in/facilities/green_policy Green Policy of IIIT Delhi campus is to maintain the eco-system of the campus, surrounding areas and conservation of nature and natural resources. IT Infrastructure: IT Service Portal (iiitd.edu.in) IIITD has a dedicated team which takes care of IT Infrastructure of the Institute. There are various policies, guidelines for usage of Institute's IT resources by students, faculty members and staff members which can be found on IIITD website. For any IT related query / issue faced by students', staff or faculty member they are required to drop an email to helpdesk@iiitd.ac.in.

<https://iiitd.ac.in/naac>

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	IIITD Fee Waiver Scheme	97	12748750
Financial Support from Other Sources			
a) National	Nil	Nil	Nil
b) International	Nil	Nil	Nil

[View File](#)

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
3-Day Module for B.Tech	29/07/2019	787	Faculty, Teaching Fellows, Teaching Assistants
Refresher Modules in M.Tech	01/07/2019	220	Faculty, Teaching Fellows, Teaching Assistants
Teaching Assistant Training	01/07/2019	202	Faculty Teaching Assistants
Mentor Mentee Scheme	01/07/2019	245	Senior Students
Induction Orientation Program	01/07/2019	480	Faculty, Teaching Fellows, Teaching Assistants
Core Comprehensive Exam	01/01/2020	364	Student Senate

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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	Number of benefited	Number of students who	Number of students placed
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		students for competitive examination	students by career counseling activities	have passed in the comp. exam	
2019	Career Counselling	Nil	272	Nil	352
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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
Nil	Nil	Nil

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
95	389	352	NA	Nil	Nil
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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
2019	20	B.Tech M.Tech	CSE, ECE CSAM	University of Sussex, University of Waterloo, Canada, KTH Royal Institute of Technology, Sweden, IIT Kanpur, Carnegie Mellon University, National University of Singapore, University of Strathclyde, University of Southern California, Wesleyan University	MS, PhD, MBA, M.Sc
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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
NET	6
GATE	3
GMAT	1
CAT	2
GRE	6
TOFEL	5
Any Other	1
Any Other	1

[View File](#)

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

Activity	Level	Number of Participants
IIT-BHU Spardha	Inter Institute	100

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5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Secured second position in Freestyle Relay IIT	National	1	Nil	2017017	Aman Mehra

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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)

Institute has two major student bodies viz Student Council and Student Senate

Student Council:

- The scope of the student council is limited to academic and extra curricular activities within the context of the institute.
- The council decides which clubs to start, which events to organize, which activities students should participate in etc.
- Student council has a budget that is allocated for conduct of student activities.
- Student council has a representation in Hostel committee, mess committee etc

Student Senate:

- The Student Senate is an elected body which serves as a representative for undergraduate and postgraduate students
- The primary objective of Student Senate is to deal with academic affairs.
- The members elected for this body are selected through a election process which is held every year.
- The student senate helps institute improve teaching and learning on campus, organizing academic events, increasing interaction with other schools and colleges etc.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The Alumni Association was established in year 2019. The Alumni office and Alumni network collaboratively have formed Alumni Association, after the approval from the Board of Governors of IIIT-Delhi. The hope is that this would facilitate a more coherent and structured functioning of the alumni body and more active interaction between the Alumni and the Institute. We have all witnessed the growth of IIIT-Delhi since its inception. However, we still have a long way to go and this journey cannot be made without active participation from the Alumni - the students of this Institute. The Association will expand the alumni's role in improving the networking, building more career opportunities for the current students as well as past ones, startup incubation activities and several others that we hope will evolve along the way. All the positions in the Alumni Association are filled through the nomination and election by alumni.

5.4.2 – No. of registered Alumni:

2051

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

676000

5.4.4 – Meetings/activities organized by Alumni Association :

7th Alumni Meet: Retrace, Bay Area alumni meeting, Meeting with the HODs at the campus.

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)

General Council is the highest body overseeing the institute, and advises the Chancellor. It consists of members from the Industry and Academia. Board of Governors (BOG) is the body that takes all the major decisions of the institute. It consists of external experts from Industry and Academia and also has faculty representation that helps institute to take holistic decisions. Senate is another body that is there to take Academic decisions and comprises of external experts from Industry and Academia. It also has faculty, staff, students and alumni representation. Also, there are multiple smaller committees in the institute like Academic Affairs Committee, Sports Committee, Club Committee, Mess Committee etc. All these committees have representation of almost all the stakeholders that falls under this committee. Faculty members are given representation in various committees/cells and allowed to conduct various programs to showcase their abilities. Faculty members are encouraged to develop leadership skills by being incharge of various academic, cocurricular, and extracurricular activities. Faculty members are given authority to have research collaborations with industries and other universities. Faculty members are also appointed as incharge for seminar committee to organize seminars/ workshops/ conferences/FDPs etc. Student Senate and Student Council are two student bodies on campus. These student bodies are involved in almost all the decision making and are a part of almost all the committees like, Hostel committee, mess committee, cultural committee etc. Planning and execution of whole cultural, sports activities and academic activities are taken care by Student Senate and Student Council majorly under supervision of faculty incharge. The students plan day wise activity for the week celebration and they only organize the events, physical arrangement, budget etc. Below are some of the committees at IIITD: • Admission Committee • Convocation Committee

• Student Senate • Student Council • Convocation Award Committee • Teaching Assistant Allocation Committee • Senate • Post Graduate Committee • Under Graduate Committee • Hostel Committee • Sports Committee • Mess Committee • Placement Committee • Induction Committee • Course Planning Committee • Disciplinary Action Committee • Anti Sexual Harrassement Committee • Ranking Committee • Space Allocation Planning Committee • Library Committee • Student Domain Study • ERP Institute Automation • Internal Review Board (IRB) Ethics Committee • Strategy Cell • Domain Study • The institute created faculty positions like faculty in-charge-sports, warden-girls hostel, faculty in-charge-clubs, faculty in-charge Entrepreneurship, faculty in-charge food, Associate Dean Student Affairs. These positions were earlier managed by DOSA individually. • Well being cell was created as a separate cell, which was earlier being taken care by Student Affairs office.

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
<p>Research and Development</p>	<p>All the Department/Centers are provided with DG backup round the clock for ensuring 24X7 uninterrupted power supply to facilitate research. •All labs and department s are have unlimited internet access through LAN and WiFi to facilitate research. • The library provides remote login facility for e journals to faculty, researchers and other bonafide members. • Single window search facility for its ejournals, ebooks, inhouse digitized documents, and open access resources • Provision for providing support for article processing charges and patent filing charges. • The institute provides access to antiplagiarism software for checking the documents/ thesis/ reports/ manuscript. All the departments of the institute have access to well-equipped computer laboratories with adequate infrastructural facilities to carry out the research work. • • All faculty members and Ph.D. students are provided with personal computer/laptop which helps them carry out their research work. • • The faculty members are encouraged to publish their research contributions in various National International Journals and conferences. • . • The faculty members of IIITD are all Ph.D. holders from reputed universities of India and abroad. • The institute supports the researchers by providing high end computing facility with necessary software and with modern</p>

	<p>equipments. The faculty members and students are also given monetary support for their research work for paying conference registration fee, travel charges etc.</p>
<p>Examination and Evaluation</p>	<p>There is one Midterm examination and an end of semester Examination , which is conducted centrally by the University. In addition to the mid term and end term exams at the institute follows a disciplined strategy for evaluation , which includes continuous evaluation through class tests, assignments, quizzes, viva and presentations. For comprehensive evaluation, students are evaluated on all parameters of personality. The institute also Fosters the culture of knowledge acquisition through wider self exposure to latest knowledge through the library and online subscribed books and journals. The institute also Ensures continuous updating of faculty competencies through a strong policy of research support for faculty members for participation in Conferences, Seminars, Workshops and going other universities for research collaborations.</p>
<p>Teaching and Learning</p>	<p>At IIITD we follow a holistic approach for growth and development of students, our teaching and learning methodology includes brainstorming, group studies, flipped classroom activities, presentations, quizzes, inquiry learning, hands on activities, project work etc. • The Institute has adequate infrastructural facilities for teaching learning with all ICT resources. • The Institute has well qualified and experienced faculty members. 100 of the faculty are Ph.D. Around 70 of whom did their Ph.D. from International Universities. • The Computer Labs have latest configuration hardware and original licensed softwares. IIITD is a WI-Fi enabled campus and provides facility for students to use internet facilities 247.3) At IIITD we have centralized IT savvy Library where student can utilise online resources for their knowledge building. The Institute takes special care for students with special needs by providing extra TA support, Scribe, Online learning material, remedial classes etc. The institute also has</p>

enough infrastructure facilities for such students. At the start of every semester Institute does peer review of the courses on offer in that semester. Groups of 3-4 faculty members are asked to peer review the course plans of all its members. During the peer review one shows the plan for the course - roughly the order in which topics will be taught, approximate depth to which major modules will be covered (in terms of number of lectures), the kind of assignments/projects that will be given, and others could comment on any aspect of conduct of the course. Group members may suggest an interesting project idea, or they may ask to consider a change in the order in which one teach various topics, and so on. The more details one share with his/her colleagues the more comprehensive feedback one can receive from them. So, if a faculty is teaching the course for the first time, it is very important that a detailed plan is presented, and if one is repeating it, may be one can even seek feedback on the problem that he/she may have faced last time. Any suggestions from the students for improvement are also discussed during the peer review. The institute follows student centric learning through extensive use of ICT by facilitating all students with IIITD email ID which they can access after graduation too. The institute also facilitates accessing resources from outside the campus through VPN. . • The students are allowed to use reading hall 247 Common rooms are also available in the hostels to help students sit together and study. Core courses having class size of more than 100 students also have Teaching Fellows to provide support to the students. ? - Course End Summary - At the end of every semester faculty are required to submit a course end summary having details about the post conditions of their course, lecture topics covered to achieve the post condition, learning exercises given and approximate efforts required by the student to do the exercise. The summary also covers the number of questions given in the exam to assess the satisfaction of each post condition. Techniques involved in the active learning in the class, actions taken by

the faculty based on the mid semester feedback, initiatives taken to improve learning etc are some other components being reported through the course end summary report. The summary is further reviewed by the Director in the one to one yearly review meeting of the Director with the faculty. ? - Feedback - Course feedback is conducted twice a semester, once after 4 weeks of the start of the semester and another towards the end of the semester i.e. before the end semester exams. The summarized feedback is shared with the faculty. The internal course feedback collected at the beginning of the semester is being discussed by the faculty with the students in one of the classes and the important suggestions are being incorporated in the teaching

Curriculum Development

The institute approved dual degree M.Tech. CSE program for B.Tech. CSX students. Also the institute proposed to offer a new minor program in addition to the existing Minor Economics and Computational Biology program. The proposed program was Minor in Entrepreneurship. In addition the institute considered a proposal to allow M.Tech. students to go for internship in their final semester. In addition few minor modifications were done in M.Tech. program curriculum. The Institute provides complete autonomy to the departments/faculties to revise or update existing curricula to incorporate latest knowledge development and introduce new courses in tune with the latest developments market needs, as and when they want to do this. Such additions revisions can be done each semester by adding new elective courses in the curriculum. • The institute also believes in Enrichment of learning experiences and hence follow continuous assessment through assignments, quizzes, group work, project presentations etc..

Library, ICT and Physical Infrastructure / Instrumentation

? Monthly report of the Library and meeting with the Director ? User awareness program about how to use Library and its resources effectively ? Best practices implementation in the Library ? Use of emerging trends and technologies in Library and Information Services ? Collaboration with faculty and students ? Sessions on different

topics i.e. writing and publishing, plagiarism, research tools, etc. ? Book exhibitions ? Created new different types of 24x7 learning spaces in the Library ? Periodic classroom visits to promote Library ? Periodic Library committee meetings ? The library is airconditioned and equipped with the new technology for efficient functioning. • The Digital Resource Centre facilitates access to eJournals and other inhouse digitized eresources.

Human Resource Management

The University has a well defined policy for faculty members to provide them ample support to do research (e.g. providing research grants, Support for attending national/international conferences/seminars etc., going for research collaborations, professional development allowance etc.). Faculty is also encouraged to offer online courses on NPTEL/SWYAM etc. and deliver faculty development programs. Professional Development Allowance (PDA), Subbatical leaves, On study leave, Annual Health Checkups, Faculty residences, Faculty Retreat, Salary, pay-scale and increments are given to faculty and staff members as per Government norms which leads to employee satisfaction. • The management contributes an amount equal to the employee share for NPS with Pension scheme and Group insurance. • Institute grants Medical, Casual, On Duty and Special Leave to its faculty members. And Non Teaching gets Medical, Causal and Earned Leave as per the norms of University. It also provides Maternity Leave according to norms to its female members. • IIITD provide Special Leave for attending enrichment courses/seminars/conferences/workshops etc. • IIITD has Biometric, CCTV facility which are used for human resource management. Following are the additional functions added to the HRM:

1. Automation of faculty leave management
2. Faculty information form for capturing database
3. Application fee for non-teaching job applications

Industry Interaction / Collaboration

The Placement Office of the university plans and acts for frequent and mutually beneficial interactions with the companies, giving periodic feedback for fine tuning of curricula, conducting preparatory test for the

students to enhance their employability skills, enabling the students to get internship opportunities , organize startup fairs, placement drives etc. The Placement Office of the university plans and acts for frequent and mutually beneficial interactions with the companies, giving periodic feedback for fine tuning of curricula, conducting preparatory test for the students to enhance their employability skills, enabling the students to get internship opportunities , organize startup fairs, placement drives etc. Microsoft Research (MSR) - Research project scholarship funded by Microsoft. Each year our faculty members invest their time, effort innovation in some great real-time projects. The projects are listed on our websites with a specific timeline and students are invited from all over India to apply for an internship under the mentioned projects. Students who get selected for the summer internship at IIIT-Delhi receives a stipend of 5k per month from MSR funds. This year 39 projects were listed under the MSR scholarship scheme. Research, Innovation and Incubation Showcase (RIISE) - held on 31st Jan. 2020. ? Industry partnerships for Prime Minister's Fellowship. A flagship PPP program for encouraging scientific research with ST Micro Electronics. Partnership for executive education - Executed partnerships with IBM

Admission of Students

Every year an admission committee comprising of faculty and staff is formed for execution of admission process. All admission announcements are published on IIITD website and also popularized over social media platforms. To answer queries of the prospective students a team of student is appointed each year who handles facebook and instagram pages where the prospective students post their questions. . Also, for the ease of the students admission application is being accepted online and there is no physical submission of forms.

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

E-governance area	Details
Planning and Development	At IIITD we have a File Monitoring system module which helps in tracking

	<p>the physical files of each department.</p> <p>For academic administration and students related information management, the institute is using ERP system. We also have fully implemented Digital payment System for all stake holders. For communication purpose email is being used. No office orders, notices are being displayed on notice boards.</p>
Administration	<p>? File Monitoring system module, ERP system for academic administration and students related information management Fully implemented Digital payment System for all stake holders</p>
Finance and Accounts	<p>Finance Accounts department is using TALLY, other reports are maintained in MS Office</p>
Student Admission and Support	<p>Every year an admission committee comprising of faculty and staff is formed for execution of admission process. All admission announcements are published on IIITD website and also popularized over social media platforms. To answer queries of the prospective students a team of student is appointed each year who handles facebook and instagram pages where the prospective students post their questions. . Also, for the ease of the students admission application is being accepted online and there is no physical submission of forms.</p>
Examination	<p>? Every semester results are being published on ERP. Individual students can see their grades on ERP The exam schedule for each semester is posted on the website. • There is a defined plagiarism policy that converts the code of conduct and the action to be taken by the University for any misconduct during exams.. • Assessment and checking of marks is done by faculty of the departments and is timebound. • The grades of all the courses are moderated in department level moderation committee. Results are promptly declared on the fixed date as per the academic calendar which is usually within 15-20 days of the conduct of the exams.</p>

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/	Name of the	Amount of support
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		workshop attended for which financial support provided	professional body for which membership fee is provided	
2019	Rahul Purandare	ICST, Xian China	NA	203449
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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)
2019	NIL-	Capacity Building Communication	28/06/2019	01/07/2019	Nil	22
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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
NIL	Nil	Nil	Nil	0
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
Nil	12	7	11

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Health Insurance along with Critical care rider, Life Insurance, Sports Block, Gym, Creche, Annual Health Checkup, Faculty Retreat, Faculty Happy Hours, Faculty Staff Cricket Match, Sports weekend	Health Insurance along with Critical care rider, Life Insurance, Sports Block, Gym, Creche, Annual Health Checkup, Officers Retreat, Staff Happy Hours, Faculty Staff Cricket Match, Sports weekend	DTC Bus Pass, Fee waiver committee, Student welfare fund etc. available

6.4 – Financial Management and Resource Mobilization

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

The audit of the Institutes books of account is conducted by both the Internal and External auditors appointed by the Board of the Institute. The names of the auditors are obtained from the office of the CAG. The Internal Audit is

conducted on quarterly basis and the Internal Auditor presents the Report before the Finance Committee of the Institute. The advices/suggestions of the FC are implemented and presented in the next FC meeting under Action Taken Report. The external audit of the Institute for certifying the annual accounts is conducted annually and submitted to the FC for making recommendation to the Board. The external auditors, from the FY-2019-20, have been mandated to present the Report before the FC of the Institute. Thus, a strong mechanism of audits, reporting and follow-up for implementation exists.

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
Various agencies/companies	120000000	Research, Consultancy, Faculty Award/Fellowships, Centres, Workshops, etc.
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6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Nil	Nil	Yes	Senate, Semester Summary for deliberation suggestion for improvement, Convocation
Administrative	Nil	Nil	Yes	IIITD officials, Year Wise CAG Audit

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

We are non-affiliating an Autonomous State University

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

No such body exist

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

1. File Management System

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

<p>- Creation of departments - Creation of Centers - Academic performance - Research point of view - incubation centre - IRD Fund Growth - Ph.D. Production Growth - Internationalization of education - Creation of verticals for smooth flow of administrative activities - Better facilitation for students</p>
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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	Yes

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	• 3-Day Module for B.Tech	29/07/2019	29/07/2019	31/07/2019	787
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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
Busting myths about Feminism and Gender Stereotypes- survey	28/07/2020	28/07/2020	68	47
The Privilege Walk	29/08/2020	29/08/2020	38	32

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
<ul style="list-style-type: none"> • Solar hot water system with PNG backup for hostels • Insulated cavity walls • Solar PV power plants on terrace • Rain water harvesting • Zero discharge campus • BMS linked power consumption monitoring at each blocks • use VFD, screw chillers in central HVAC cooling system • Use of STP treated water for horticulture <p style="text-align: center;">Percentage of power requirement of the University met by the renewable energy sources - 14-15</p>

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Provision for lift	Yes	28
Physical facilities	Yes	Nil
Ramp/Rails	Yes	Nil
Braille Software/facilities	No	Nil
Rest Rooms	Yes	Nil
Scribes for examination	Yes	Nil
Special skill development for differently abled	No	Nil

students

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	3	2	01/08/2020	90	Plantation Drive and cleaning drives	Cleaning, dustbins provided, plantation, local education etc	250

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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)
Student Handbook	01/08/2019	Student Handbook is meant for students and all the necessary information has been put together which will be useful for students during their tenure. It also provides guidelines for expected conduct and behaviour of students within campus, both academic and non-academic. Student handbook is more about student life in the campus - extra-curricular activities, sports, hostels etc. Life in college is a lot different from school, students have more freedom and will be treated as an adult. In Institue, we expect students to exercise this freedom with a sense of responsibility. Code of conduct given at the end, is developed by Student Council, embodies the expected behaviour of students - respect for others and their privacy, academic honesty, caring

		for Institute property and equipment.
Staff Handbook	31/10/2019	The objective of the HR manual is to make employees aware with the HR policies, procedures and benefits they are entitled for as per approved hierarchy at the Institute for the non-teaching staff. It is a compiled and comprehensive document based on the policy decisions of the Board of Governors of the Institute approved and issued from time to time mainly in the forms of Office Orders. The Document broadly covers recruitment process, joining, benefits, term review, promotion, appraisal process and separation.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
YES workshop	31/08/2019	03/09/2019	25
Celebration of Independence Day	15/08/2019	15/08/2019	55
Celebration of Republic Day	26/01/2020	26/01/2020	30
Gandhi Jayanti	02/10/2019	02/10/2019	45
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

The campus is a Green campus with the RD Block and Lecture Hall Complex awarded the "Four Star GRIHA Provisional rating ". Following green Initiatives are in place :- ? Sewage Treatment Plants- The IIITD Campus ia a zero discharge campus with 2x65 KLD fully operational plants and 2x90KLD plants are being commissioned . 100 sewage generated in the campus is treated by the plants and treated water generated is used for horticulture. ? Solar Hot water System for Domestic use- Hot water for domestic use in Residence, hostels and dining block is generated using "Solar Hot water System" with PNG backup and highly efficient Heat Pumps ? Rain Water Harvesting- The campus is provided with Eight nos. rain water pits for collection and storage of rain water. ? Solar Power- The campus has a grid connected 220 kwp solar photovoltaic power plant in collaboration with M/S Green Alpha Power and Hero Future Energies on a long lease of 10 years. This leads to savings in power consumption out of the sanction load of 1.611MW. ? Heat reflective Insulated Terraces/Walls- The building terraces are covered with heat reflective tiles / China crazy tile flooring and provided with insulation. Walls of academic and seminar blocks are cavity walls /with insulation , Windows/Glazings in such blocks are provided

with vacuum insulated double glass units. Low embedded energy items , fly ash based material have been used in the construction works of the campus .

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

IIIT-Delhi offers seven B.Tech. programs, including five interdisciplinary programs (B.Tech. Computer Science and Artificial Intelligence added this year), three PG programs with eight specializations, and Doctorate in the allied areas of 6 disciplines.³ • The Institute continues to maintain a clean and green environment and has been ranked Fourth amongst the cleanest Higher Educational Institutions in the country in the category Technical Institutions - Universities (Residential). The campus incorporates several green-building features and is GRIHA rated, zero-discharge campus with sewage treatment plants, rainwater harvesting, heat pumps, and solar power plant on terraces of all new buildings. • The students of IIIT-Delhi conducted a summer camp for nearby government school children. The camp had over 170 students from 5 government schools, and a team of 30 UG student volunteers from the Institute ran it for over five weeks. The Department of Mathematics also organized a summer camp for school students of classes between 9-12. • Solar Power: The campus has a grid connected 220 kwp solar photovoltaic power plant in collaboration with M/S Green Alpha Power and Hero Future Energies on a long lease of 10 years. This leads to savings in power consumption out of the sanction load of 1.611 MW. • Initiative taken through DDA for development of District Park in 140 Acres of DDA Greens • BMS/HVAC systems developed within Institute and include Energy Consumption Monitoring or control through dashboard on cloud • Medical insurance for students • Formation of Student welfare fund. This fund was created to support needy students for various purposes. The institute developed an online course repository i.e. Tech Tree, where students can see the course descriptions of all the courses on offer in the institute. The repository also gives them a view about which courses to pursue and in what order.

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

<https://iiitd.ac.in/naac/>

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

• To foster the spirit of innovation on campus, the Institute Innovation Council has been set up. Among other activities, the Institute Innovation Council has been organizing Ideas Pitching events by budding Entrepreneurs. In the event, a wisdom talk series by leading experts in various domains are organized to facilitate the reimagining of the IIIT-Delhi campus as a proving ground of innovative ideas. The primary motivation is to get the spirit of innovation in the DNA of the Institute. With this objective, the Institute has inaugurated the new facility of the Incubation center in the month of June 2019. The technology business incubator is supported by DST, Govt. of India and DTTE, Govt. of NCT Delhi. The incubation center has also signed an MoU with Yonsei Enterprise Support Foundation, the Incubation Center of Yonsei University, Korea. Currently, we have 15 startup companies on campus, of which, five are student startups, two are startups by faculty members, four are startups by the alumni, and four are faculty-mentored. • The faculty members have received several awards and recognitions. Some of these are the Sun Pharma Research Award, elevation to Fellow - International Association of Pattern Recognition, DST Swarnajayanti Fellowship, Bill and Melinda Gates Award,

Visvesvaraya Young Faculty Fellowship, DST Early Career, IEEE ICASSP Education Innovation Award, URSI Young scientist award, and Google India Faculty Award. •

The Institute remains committed to developing technologies that can be transferred for commercial consumption or use by other organizations. This year over 30 tools and technologies were transferred to over 10 organizations. This year the faculty members and students filed eight patents for the technologies developed at the Institute. Sponsored projects are critical for augmenting the research culture of the Institute. This year the Institute received 45 sponsored research projects (including consultancy projects), for a total sanctioned amount of around 11 Crores. Overall, there are about 109 active sponsored projects in the Institute. • The Institute continues to maintain a clean and green environment and has been ranked Fourth amongst the cleanest Higher Educational Institutions in the country in the category Technical Institutions - Universities (Residential). The campus incorporates several green-building features and is GRIHA rated, zero-discharge campus with sewage treatment plants, rainwater harvesting, heat pumps, and solar power plant on terraces of all new buildings. • The students of IIIT-Delhi conducted a summer camp for nearby government school children. The camp had over 187 students from 5 government schools, and a team of 32 UG student volunteers from the Institute ran it for over five weeks. The Department of Mathematics also organized a summer camp for school students of classes between 9-12. • • Initiative taken through DDA for development of District Park in 140 Acres of DDA Greens • BMS/HVAC systems developed within Institute and include Energy Consumption Monitoring or control through dashboard on cloud • The instate started Medical insurance for students • Formation of Student welfare fund. This fund was created to support needy students for various purposes.

Provide the weblink of the institution

<https://www.iiitd.ac.in>

8.Future Plans of Actions for Next Academic Year

The University has achieved an excellent status among other competing Institutions within country and abroad based on the delivery of academics by the institute, the employability of its graduates and the performance and quality of research carried out during previous years, reflected by various indicators. The h-index of the University, the sponsored research funding, number of publication in peer reviewed journals and the honours and distinction received by the faculty members are all on upswing. The road map for the next year includes focus on expansion of research facilities, strengthening of teaching laboratories, expansion of student amenities, some of the pointed approaches are enumerated below: • Strengthening faculty numbers by hiring more faculty members • Supporting faculty members and students to focus on quality education and research and participate in seminars, conferences in reputed international platforms. • Institute will work on having MoU's with Arctic University of Norway, university of Cape Town, University of Trinity and Central Michigan University. • Institute is also planning to start Academic Writing Lab which will help students and researchers to deal with challenges at any stage of academic writing process and also conduct sessions, workshops, and panel discussions on various aspects of research writing. • Institute is also planning to start a new Centre of Excellence in Healthcare, which will be funded by Delhi Knowledge Development Foundation. The Centre will catalyze research, education and entrepreneurial activities in healthcare space. • Institute is also planning to offer a New Minor in Entrepreneurship at IIITD which will provide a transformational hands-on experience to our students and instill the entrepreneurial spirit. • Institute is working towards getting more funding for Incubation Centre and have more number of start ups. • Institute will also work on hosting Research Innovation and Incubation Showcase (RIISE) in Jan 2020 as part of its industry outreach activity with five key themes: Digital health,

Human Centered Design, Information Security, Internet of Things, and Sustainability. • The Institute is also planning to get engage with Delhi Jal Board for spatio-temporal analysis and the visualization of grievances. • Institute is also working on having MoU's signed with various industries like TCS Foundation, IBM, Extra marks Education Pvt Ltd, DSCI, Wish Education, Wipro Ltd, Omidyar Networks, Spinal Injuries Centre, Delhi Police, Delhi E-Governance Society, ITC Limited, National Health Authority, South Delhi Municipal Corporation etc to arry out research driven projects. • Institute is also planning to start a PG Diploma program in collaboration with Industry partners such as IBM. • Inviting reputable organizations for placement of our UG/PG students and have more A offers • Enhancing Institute's ranking • Institute is also planning to organize joint sports meet "Triquetra" in collaboration with DTU, NSUT