



## Yearly Status Report - 2018-2019

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>		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																		
<b>2. Institutional Status</b>																			
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																		
<b>3. Website Address</b>																			
Web-link of the AQAR: (Previous Academic Year)	<a href="https://iiitd.ac.in/naac">https://iiitd.ac.in/naac</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.iiitd.ac.in/academics/m2018">https://www.iiitd.ac.in/academics/m2018</a>																		
<b>5. Accreditation 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 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>30-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	30-May-2020
Cycle	Grade	CGPA	Year of Accreditation	Validity															
				Period From	Period To														
1	A	3.04	2015	01-May-2015	30-May-2020														
<b>6. Date of Establishment of IQAC</b>	12-Nov-2015																		
<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															

Initiative taken through DDA for development of District Park in 140 Acres of DDA Greens	03-Sep-2018 180	1745
<a href="#">View File</a>		

**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
<a href="#">View File</a>				

**9. Whether composition of IQAC as per latest NAAC guidelines:**

No

Upload latest notification of formation of IQAC

No Files Uploaded !!!

**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 help students focus on their health, many new sports facilities are added like Football court, Swimming pool, Squash court etc. 2. To provide support to the students staying in hostel, the institute set up a Laundry facility for students, where washing machines were setup to facilitate students with the direct access. 3. To increase the scope of learning among the students the institute allowed transfer of upto 40 credits for the courses done at other university. 4. Active participation in National and International Rankings process like THE, QS Rankings(World and India Rankings), NIRF Rankings etc. 5. Book Exchange Week: Conducting book exchange week at the beginning of each semester. In this event, readers are invited to donate their books and take other books to read. The purpose of this even initiative is to promote reading among students. 6. Rain Water Harvesting 7. Encouraging women students to join IIIT Delhi and Launch of wiconnect community at IIITD.

[View File](#)

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

Plan of Action	Achivements/Outcomes
<ul style="list-style-type: none"><li>• Achieving position in THE Rankings and improving QS India Rankings</li></ul>	<ul style="list-style-type: none"><li>• The institute successfully secured a position in QS World and India rankings.</li></ul>
<ul style="list-style-type: none"><li>• Student welfare activities</li></ul>	<ul style="list-style-type: none"><li>• 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.</li></ul>
<ul style="list-style-type: none"><li>• Sewage Treatment Plants - Zero Discharge Campus</li></ul>	<ul style="list-style-type: none"><li>• 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</li></ul>
<ul style="list-style-type: none"><li>• Solar Hot Water System for Domestic Use</li></ul>	<ul style="list-style-type: none"><li>• Solar hot water systems with PNG backup of capacity of 20000 LPD and Heat pumps with capacity of 2200 Ltr/Hr high COP are used to heat water for the mess canteen kitchens , residential areas and hostels thus eliminating the need for high capacity power guzzling geysers.All terraces have been provided with SPPV plants of a total 220 KW grid connected solar power plants.</li></ul>
<ul style="list-style-type: none"><li>• Increasing the incubation facilities of campus</li></ul>	<ul style="list-style-type: none"><li>• The institute increased the entrepreneurship facilities on campus by assigning a big space for incubation activities and increasing the fellowship opportunities for the students.</li></ul>
No Files Uploaded !!!	

**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:**

No

**17. Does the Institution have Management**

Yes

<b>Information System ?</b>	
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>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 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. Our 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.</p>

## 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	CSB	Computer Science Biosciences	01/08/2018
<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	All specializations	01/08/2018	ENT401, Entrepreneurship	01/08/2018
<a href="#">View File</a>				

#### 1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
BTech	B.Tech, Computer Science and Biosciences	01/08/2018
<a href="#">View File</a>		

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	01/08/2018
Mtech	All Specializations	01/08/2018

PhD or DPhil	All Specializations	01/08/2018
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### 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 Projects	01/08/2018	231
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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	232
<a href="#">View File</a>		

### 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
<p>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</p>

### 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	854	131
<a href="#">View File</a>				

## 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
2018	1149	495	11	42	30

## 2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
83	83	13	22	22	5
<a href="#">View File of ICT Tools and resources</a>					
<a href="#">View File of E-resources and techniques used</a>					

### 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
1644	83	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	83	30	22	81

### 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
2018	A V Subramanyam	Associate Professor	<ul style="list-style-type: none"> <li>SST Early Career Research Award Title: Smart Visual Surveillance Duration: 3 years (2019 - 2022) Budget: INR 24.79 lacs</li> <li>Second best poster award for COMSNETS 2019 paper titled "LSTM Guided Modulation Classification and Experimental Validation for</li> </ul>
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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	01/12/2018	12/12/2018
<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
Nil	1644	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	122	121	99
<a href="#">View File</a>					

## 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
National	Dr. Mohd Hashmi	Young Faculty Research Fellowship for 5 years	01/08/2018	Deity
<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
Cognizant Fellowship	1460	Cognizant
<a href="#">View File</a>		

### 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	1460	SERB	8.79	14.56
<a href="#">View File</a>				

### 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
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Understanding Patent	Innovation Research and Development Department	04/11/2018
<a href="#">View File</a>		

### 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
a. National Rank 56 in the qualifying round and Global Rank 81 in the final round of CodeVita 2018.	Pratik Pathak	TCS	01/03/2018	Coding
<a href="#">View File</a>				

### 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	Tnine Infotech LLP	Digital Marketing	17/08/2018
<a href="#">View File</a>					

## 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	13

### 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	36	Nil
International	Electronics Communication Engineering	41	Nil
International	Computational Biology	23	Nil
International	Mathematics	10	Nil
International	Social Science Humanities	4	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	151

[View File](#)

### 3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
WEARABLE DEVICE AND METHOD OF SLAYING INSECTS	Filed	201811025230	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
Collaborative Filtering with Label Consistent Restricted Boltzmann Machine	Verma, S., Patel, P., Majumdar, A.	2017 9th International Conference on Advances in Pattern Recognition, ICAPR 2017	2018	Nil	Indraprastha Institute of Information Technology Delhi OR IIIT-Delhi	1

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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
Collaborative Filtering with Label Consistent Restricted Boltzmann Machine	Verma, S., Patel, P., Majumdar, A.	2017 9th International Conference on Advances in Pattern Recognition, ICAPR 2017	2018	24	1	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	56	107	76	Nil

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## 3.5 – Consultancy

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

Name of the Consultan(s)	Name of consultancy	Consulting/Sponsoring	Revenue generated
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department	project	Agency	(amount in rupees)
Dr. Tanmoy Chakraborty (CSE)	Understanding Collusion Dynamics in online Review Forums	Flipkart	320000
<a href="#">View File</a>			

### 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
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
Blood Donation Camp	Lions Blood Bank	10	150
Summer Camp 2018(14 May -15 June 2018)	IIITD	1	35
Donation to Indias Braveheart's	Ministry of Home Affairs, GOI	50	500
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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
Swachh Campus Ranking 2018	IIIT Delhi ranked 4th under Technical Institutes Residential Category	Pan India for clean campus Ranking 2018 of Higher Educational Institutes	1644
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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	ECO Club activity	Cleaning drive	10	200
<a href="#">View File</a>				

### 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
Faculty Exchange: Workshop: COMPOSITE HERITAGE AS A TOOL FOR CONFLICT TRANSFORMATION AND VIOLENCE PREVENTION IN SOCIETY	50	HCD Department	1
<a href="#">View File</a>			

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	ICSSR project on Mapping Marriage Migration in Rajasthan	Banasthali Vidyapith, Rajasthan	01/08/2018	31/07/2019	? Prof. Manju Singh
<a href="#">View File</a>					

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
Wadhvani AI	18/02/2018	Exchange of Technical information, Exchange of Researcher and Graduate student, Encouragement of Co-operative research	Nil
<a href="#">View File</a>			

## 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
30885	24928

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
<a href="#">View File</a>	

## 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	8307	3817586	643	515700	8950	4333286
<a href="#">View File</a>						

### 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	imrna : Computational Prediction of the Immunomodulatory Potential of RNA Sequences	Unix	01/03/2018
<a href="#">View File</a>			

## 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	519	330	519	0	0	94	77	1	18
Added	45	44	45	0	0	1	0	0	0
Total	564	374	564	0	0	95	77	1	18

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

1 MBPS/ GBPS
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### 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
TopicalPdb : Database of therapeutic peptides given through skin	<a href="http://webs.iiitd.edu.in/raghava/topicalpdb/">http://webs.iiitd.edu.in/raghava/topicalpdb/</a>
Antifp : In Silico Approach for Prediction of Antifungal Peptides	<a href="http://webs.iiitd.edu.in/raghava/antifp">http://webs.iiitd.edu.in/raghava/antifp</a>
AntiTbPdb : Experimentally validated anti-tubercular and anti-mycobacterial	<a href="http://webs.iiitd.edu.in/raghava/antitb">http://webs.iiitd.edu.in/raghava/antitb</a>

peptides	<a href="#">pdb/</a>
CellppdMOD : Prediction of Cell-Penetrating Potential of Modified Peptides Containing Natural and Chemically Modified Residues	<a href="http://webs.iiitd.edu.in/raghava/cellppdmod/">http://webs.iiitd.edu.in/raghava/cellppdmod/</a>
PlifePred : In silico approaches for predicting the half-life of natural and modified peptides in blood	<a href="http://webs.iiitd.edu.in//raghava/plife/pred/">http://webs.iiitd.edu.in//raghava/plife/pred/</a>
VaxinPAD : Computer-aided prediction of antigen presenting cell modulators for designing peptide-based vaccine adjuvants	<a href="http://webs.iiitd.edu.in/raghava/vaxinpad/">http://webs.iiitd.edu.in/raghava/vaxinpad/</a>
AntiTbpred : Prediction of Antitubercular Peptides From Sequence Information Using Ensemble Classifier and Hybrid Features	<a href="http://webs.iiitd.edu.in/raghava/antitb/pred/">http://webs.iiitd.edu.in/raghava/antitb/pred/</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
1352	1264	30885	24928

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@iitid.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](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	71	7363750
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	28/07/2018	614	Faculty, Teaching Fellows, Teaching Assistants

[View File](#)

#### 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
2018	Career Counselling	Nil	165	Nil	230

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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
<b>Nil</b>	<b>Nil</b>	<b>Nil</b>

**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
<b>102</b>	<b>237</b>	<b>230</b>	<b>NIL</b>	<b>Nil</b>	<b>Nil</b>
<b>No file uploaded.</b>					

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
<b>2018</b>	<b>26</b>	<b>M.Tech B.Tech</b>	<b>CSE, ECE CB</b>	<b>Georgia Tech University of California, San Diego Carnegie Mellon University, Davis North Carolina State University, Arizona State University, University of Southern California, Johns Hopkins university, CMU, IMT Hyderabad, IIM Indore, Harvard Un</b>	<b>MS CS, PHD, MSCS MB A-Marketing, Masters in Robotics, Ph.D. Computational Biology, PhD Computer Science, Masters in Design</b>
<b>No file uploaded.</b>					

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
<b>GATE</b>	<b>17</b>
<a href="#">View File</a>	

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

Activity	Level	Number of Participants
Shiv Nadar Sports Fest	Inter Institute	100
<a href="#">View File</a>		

### 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
2018	a. Secur ed first position in Alfaaz, at Jamia Millia Islamia.	National	Nill	2	2016124	Zoha Hamid
<a href="#">View File</a>						

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 cubs to start, which events to organize, which activites 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 2018 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 alumnis 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:

1607

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

547000

5.4.4 – Meetings/activities organized by Alumni Association :

0

## **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)

Governance at IIITD: 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 has 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 Harassment Committee • Ranking Committee • Space Allocation Planning Committee • With the introduction of B.Tech Computer Science and Biosciences a new departments were added to manage the programs and carry out department level activities. Also, M.Tech CB program was moved under this department.

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
Human Resource Management	<p>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.</p>
Teaching and Learning	<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 utilize</p>

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 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. Effective Teaching Workshops - Effective Teaching workshops were conducted for the institute faculty members on Sep 11, 14, 18 and 21 2018. The workshop discusses a few key concepts - the key concepts taught are easy to implement and can increase effectiveness. The

workshop is mainly about becoming an effective teacher. The aim of this workshop is to help faculty who have a decent understanding of the subject matter to become effective teachers.

This workshop discusses a few key concepts and practices which are now widely accepted and recognized as being effective in improving the teaching and learning process. The workshop sessions will employ a mixture of presentation and the flipped class room approach. ?

- 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 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

<p>Examination and Evaluation</p>	<p>through assignments, quizzes, group work, project presentations etc</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 proposed to award letter grades for M.Tech. Thesis and Scholarly Paper instead of S/X grade. To help students earn enough experience from their project based courses, the institute proposed to allow students seek extension of upto one month after the completion of the semester to gain more breadth in the project based courses like BTP/IP etc.</p>
<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 ejournals 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</p>

universities of India and abroad. • The institute supports the researchers by providing high end computing facility with necessary software and with modern equipments. The faculty members and students are also given monetary support for their research work for paying conference registration fee, travel charges 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.

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. 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. • Start - Up Fair - Every year new startups are invited to showcase their idea of innovating the



startup to the students and they offer summer internships to students. Each year approx. 30 startup's pay visit to the campus. • Executed industry partnership for Prime Minister's Fellowship, a flagship program of Govt. of India for encouraging scientific research with Nucleus Software. • Joint M.Tech thesis with Industries: 5 Students completed industry sponsored M.Tech thesis

**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
<p><b>Planning and Development</b></p>	<p>At IIITD we have a File Monitoring system module which helps in tracking the physical files of each department. 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>
<p><b>Administration</b></p>	<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>
<p><b>Finance and Accounts</b></p>	<p>Finance Accounts department is using TALLY, other reports are maintained in MS Office</p>
<p><b>Student Admission and Support</b></p>	<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</p>

	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.
Examination	? 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 convers 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

### 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
2018	Pushpendra Singh	Press conference, Mumbai	NA	22698
<a href="#">View File</a>				

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)
2018	Effective Teaching Workshop	Capacity Building C ommunicati on	18/05/2018	20/05/2018	21	30
2018	NIL	File Monitoring System	17/10/2018	17/10/2018	Nil	48

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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	22	9	10

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	Students participated in the events related to Technical, Sports, Cultural activities within and outside the institute

## 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.

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	145500000	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	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 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. Capacity Building and Communication

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

- 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

6.5.6 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	No
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
2018	Effective Teaching Workshop	Nil	11/09/2018	21/09/2018	21
<a href="#">View File</a>					

## 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

Relationship and Gender Sensitization	16/07/2019	16/07/2019	150	250
Workshop on Gender Equality	30/09/2019	30/09/2019	20	10

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"> <li>• Solar hot water system with PNG backup for hostels</li> <li>• Insulated cavity walls</li> <li>• Solar PV power plants on terrace</li> <li>• Rain water harvesting</li> <li>• Zero discharge campus</li> <li>• BMS linked power consumption monitoring at each blocks</li> <li>• use VFD, screw chillers in central HVAC cooling system</li> <li>• Use of STP treated water for horticulture</li> </ul> <p style="text-align: center;">Percentage of power requirement of the University met by the renewable energy sources - 14-15 percent</p>

7.1.3 – Differently abled (Divyangjan) friendliness

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

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
2018	2	2	01/06/2018	60	Government school education	New IT information to school students	100
2018	1	1	06/05/2019	20	Summer Camp for Govt School Students	Personal Devpt of Govt School Students	170
2018	1	1	19/11/2018	1	Book Donation	Providing	200

books to  
the  
students

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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	01/08/2018	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 Institute, 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.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Celebration of Independence Day	15/08/2018	15/08/2018	50
<a href="#">View File</a>			

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 has a rich tradition of pursuing excellence and has continually re-invented itself regarding academic programmes and research areas. Taking our legacy ahead, this year we started our two new breakthrough B.Tech. Courses, 'Computer Science and Design' and 'Information Technology and Social Science' • The institute has a practice of conducting a weekly seminar where a weekly slot is blocked for the same. With the increase in the size of the institute, It was decided to reserve the 1st Thursday of every month for Institute level seminar where well known speakers will be invited and for remaining Thursday's department can conduct department level talks. • Online repository for capturing minutes of all the major body meetings conducted by the Institute • To strengthen the bonds with the alumni, the IIIT-Delhi Alumni Association has been established and have launched the IIIT-Delhi Foundation USA. We also have a functioning Bay Area alumni chapter. • Collaboration is the key to growth, and the Institute follows this very consistently. IIIT-Delhi recently has signed an MOU with the Delhi Development Authority (DDA), by virtue of which IIIT-Delhi will help strengthen the IT Network infrastructure of DDA. • 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.

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

The QS University rankings have ranked IIIT-Delhi in top 200 in their BRICS edition and in top 50 in India edition. Considering the competition was with universities which are more than a 100-year-old, this is a significant achievement for an Institute which just turned 11 this year. In BRICS survey, QS evaluated 9000 institutions in BRICS countries - putting IIIT-Delhi in the top 2. • To strengthen the bonds with the alumni, the IIIT-Delhi Alumni Association has been established and have launched the IIIT-Delhi Foundation USA. We also have a functioning Bay Area alumni chapter. • The faculty members and students are involved in some cutting edge multidisciplinary, socially relevant research. The number of publications last year until April 2019 are

124 in National and International Journals, 173 in National and International refereed conferences, 22 workshop publications and five as books/book chapters. Some of the papers have been acclaimed and have received best paper and poster awards in prestigious National and International conferences. Many of the Ph.D. students were selected for prestigious research grants and fellowships such as the Prime Ministers Fellowship, Visvesvaraya Fellowship, and TCS Fellowship. • The faculty members have also received several awards and recognitions in the past year. 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. • In the RD efforts, 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 for a total sanctioned amount of around 11 Crores. Overall, there are about 109 active sponsored projects in the Institute. • IIIT-Delhi recently has signed an MOU with the Delhi Development Authority (DDA), by virtue of which IIIT-Delhi will help strengthen the IT Network infrastructure of DDA. • The Institute has initiated many collaborations with the industries this year. The Institute has signed MoU with STMicroelectronics Pvt Ltd. for research collaborations. IIIT-Delhi is also setting up a research lab at the campus in collaboration with Samsung India, Indian Navy, which will enable officers sponsored by the Navy to enroll in the M.Tech. (CSE) program. The quest for International collaborations has led to the strengthening of the existing research linkages and the creation of some new ones. IIIT-Delhi has signed MoU with the Queensland University of Technology and Korea University to foster collaborative research and guide joint Ph.D. students. • The students of IIIT-Delhi conducted a summer camp for nearby government school children. The camp had over 170 students and a team of 30 UG student volunteers

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: • Planning to Introduce a new UG programs : Computer Science Artificial Intelligence • Strengthening faculty numbers by hiring more faculty members • Inviting more reputable organizations for placement of our UG/PG students and try to have more A offers and also encouraging students for doing higher studies. • Our faculty members are continuously working on research papers, attending seminars in capacity of speakers in top national and international conferences. Working on Faculty Awards • Faculty Sponsored Projects • Getting more PhD fellowships • Planning to introduce "Centre of Technology on Policing", it will be an advanced resource hub in terms of related research, providing expert help in prevention and investigation of cybercrime and skill enhancement. • We are in contact with DDA for getting and MoU signed with IIITD by virtue of which IIITD



will help strengthen the IT network infrastructure of DDA • Working on having linkages with reputed Industries having MoU's, more international collaborations. • We are already working towards having MoU with Queensland University of Technology Korea Unveristy to foster collaborative rsearch and guide joint PhD students. • Institute is working to set up the Institute Innovation Council which will emphasize in research linked to sustainable development goals and creating a culture of innovation on campus leading to both intrapreneurship and entrepreneurship. The Institute Innovation Council will organize talk series in various domains with aim to facilitate the reimagining of the IIITD campus as a proving ground of innovative ideas. • Institute is also planning to have an MoU signed with Yonsei Enterprise Support Foundation, the Incubation centre of Yonsei University, Korea and set up Innovation Centre at the University campus. • Work on enhancing rankings • For counseling, psychological support and holistic development of students, Institute will create a Well-Being Cell which will conduct several programs/workshops on relaxation, meditation, yoga, leadership, gender sensitization to nurture holistic wellness in our students. • Institute will create Student's Welfare Fund to help students with economically weaker section • To strengthen bonds with Alumni Institute will formally start IIITD Alumni Association and will launch the IIITD Foundation USA • For outreach activities Institute is planning to facilitate more number of government school children in summer camp in coming year