



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution		DELHI TECHNOLOGICAL UNIVERSITY
Name of the head of the Institution		Yogesh Singh
Designation		Vice Chancellor
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		011-27882284
Mobile no.		9999399375
Registered Email		registrar@dtu.ac.in
Alternate Email		vcdtu@dtu.ac.in
Address		Shahbad Daulatpur, Bawana Road
City/Town		Delhi
State/UT		Delhi

Pincode	110042			
2. Institutional Status				
University	State			
Type of Institution	Co-education			
Location	Urban			
Financial Status	state			
Name of the IQAC co-ordinator/Director	Prof. Nirendra Dev			
Phone no/Alternate Phone no.	01127294669			
Mobile no.	9999399375			
Registered Email	director-igac@dtu.ac.in			
Alternate Email	nirendra61@gmail.com			
3. Website Address				
Web-link of the AQAR: (Previous Academic Year)	http://www.dtu.ac.in/Web/IQAC/naac/naac.php			
4. Whether Academic Calendar prepared during the year	Yes			
if yes, whether it is uploaded in the institutional website: Weblink :	http://dtu.ac.in/Web/Academics/pdf/AcademicCalendar_2018.pdf			
5. Accrediation Details				
Cycle	Grade	CGPA	Year of Accrediation	Validity

				Period From	Period To
1	A	3.22	2019	26-Nov-2019	25-Nov-2024

6. Date of Establishment of IQAC	30-Dec-2015
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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
Internal Auditors training as per ISO	09-May-2018 3	22
ISO stage II audit by STQC	15-Oct-2018 3	40

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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
Delhi Technological University	TEQIP III	World Bank	2018 365	70000000
Prof. Vishal Verma	DST project	DST	2018 365	2253600
Prof. Vishal Verma	DST Project	DST	2018 365	3663000
Dr. Mukesh Kumari	DST-INSPIRE	DST	2018 365	3500000
Dr. Roli Purwar	SERB	SERB	2018 365	2658480
Dr. Mukhtiyar Singh	UGC	UGC	2018 365	1000000

Prof. Vishal Verma	DST	DST	2018 365	11345200
Dr. Bharti Singh	UGC	UGC	2018 365	1000000
Dr. Poonam	UGC	UGC	2018 365	1000000
Dr. Rajeev Kumar Mishra	Central Pollution Control Board	CPCB	2018 365	7992960

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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	1
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

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

1. Preparation of Annual Report 201819 2. Preparation and Revision of Quality Manual 3. ISO 9001 Certification 4. NAAC Accreditation visit

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

Plan of Action	Achivements/Outcomes
To conduct internal academic audit	Internal academic audit was conducted

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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
Chairman BoM	26-Aug-2021

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

Yes

Date of Visit

18-Oct-2018

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2019

Date of Submission

02-Apr-2019

17. Does the Institution have Management Information System ?

Yes

If yes, give a brief description and a list of

ERP System is configured in University. Below

modules currently operational (maximum 500 words)

modules/function areas are operational. 1. Student attendance 2. Class timetable 3. Teaching assignment and assessment 4. BOS flow 5. Exam scheduling 6. Exam result 7. Degree and marksheet generation 8. CBCS course registration 9. University Admission 10. Payroll of all staff 11. Leave module 12. File management system 13. Online form builder 14. HR Management System 15. Event management system 16. Online fees collection 17. Store/Inventory updates 18. General Administration record update 19. Security and Transport management 20. Training and Placement 21. Notification system 22. Administrative dashboard and reports

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	Null	Null	Null

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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
No Data Entered/Not Applicable !!!				

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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
No Data Entered/Not Applicable !!!		

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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	Computer Science Engineering (CSE)	20/04/2019
BTech	Mechanical Engineering (ME)	20/04/2019
BTech	Electrical Engineering (EE)	20/04/2019
BTech	Production Industrial Engineering (PIE)	20/04/2019
BTech	Civil Engineering (CE)	20/04/2019
BTech	Environmental Engineering (ENE)	20/04/2019
BTech	Chemical Engineering	20/04/2019
BTech	Information Technology (IT)	20/04/2019
BTech	Bio-Technology (BT)	20/04/2019
MBA	MBA in Family Business and Entrepreneurship (FBE)	10/05/2019
MBA	MBA in IEV (Innovation, Entrepreneurship and Venture Development)	10/05/2019
Mtech	Polymer Technology (PTE)	10/05/2019
Mtech	Nano Science and Technology (NST)	10/05/2019
Mtech	Bioinformatics (BIO)	10/05/2019
Mtech	Geotechnical Engineering (GTE)	10/05/2019
Mtech	Hydraulics & Water Resources Engineering (HRE)	10/05/2019
Mtech	Structural Engineering (STE)	10/05/2019
Mtech	Computer Science & Engineering (CSE)	10/05/2019
Mtech	Information Systems (ISY)	10/05/2019
Mtech	Microwave & Optical Communication Engineering (MOCE)	10/05/2019

Mtech	Signal Processing & Digital Design (SPD)	10/05/2019
Mtech	VLSI Design and Embedded System (VLS)	10/05/2019
Mtech	Control & Instrumentation (C&I)	10/05/2019
Mtech	Power Systems (PSY)	10/05/2019
Mtech	Computational Design (CDN)	10/05/2019
Mtech	Environmental Engineering (ENE)	10/05/2019
Mtech	Production Engineering (PIE)	10/05/2019
Mtech	Thermal Engineering (THE)	10/05/2019
Mtech	Software Engineering (SWE)	10/05/2019
Mtech	Biomedical Engineering (BME)	10/05/2019
Mtech	Industrial Biotechnology (IBT)	10/05/2019
BTech	Electronics & Communication Engineering (ECE)	20/04/2019
BTech	Software Engineering (SE)	20/04/2019
BTech	Electrical and Electronics Engineering (EEE)	20/04/2019
BTech	Mechanical Engineering with specialization in Automotive Engineering (MAM)	20/04/2019
BTech	Polymer science and chemical technology	20/04/2019
BTech	Engineering Physics (EP)	20/04/2019
BTech	Mathematics and Computing (MC)	20/04/2019
BDes	Visual communication, Product Design, Interaction Design	20/08/2019

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
No Data Entered/Not Applicable !!!		
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1.3.2 - Field Projects / Internships under taken during the year

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Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
No Data Entered/Not Applicable !!!		

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1.4 - Feedback System

1.4.1 - Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained

The university has an effective feedback seeking scheme from different stakeholders like students, teachers, Employers, Alumni, Parents. The feedback received from the various stakeholders is analysed and appropriate actions are taken to enhance the effective learning mechanism and experience of the different stakeholders. The main objective of this feedback is to reach all the stakeholders to ensuring their active participation for improving the quality of education. Students Feedback: The university uses students feedback to judge the quality of the course content delivered to the students, views about the theory and practical courses. This feedback is taken twice a year at the end of each semester by the University. The feedback is then shared with the department and active participation of the students through this feedback serves as an input to the BOS for changing the syllabus and contact hours of a particular course. Teachers Feedback: After reviewing the course syllabus some teachers have felt that there should be minor changes in the respective course offered to outside department students and they proposed for the revision of the course syllabus. After BOS meeting appropriate syllabus revision has been done. Some new course has also been designed and proposed by the teachers for the outside departmental students. Employers Feedback: Based upon the feedback received from the employer to fill the gap between the industry and academic Institution various course are offered to the students in the electives which focuses on employability, entrepreneurship and skill development. Alumni Feedback: Time to time feedback has been taken from the Alumni. Based on the current trends and requirement of the industry some of the Alumni has suggested the introduction of new

course in the curriculum. By taking the suggestion into account BOS meeting has approved the new courses in the curriculum. As per the Alumni the curriculum is well mapped with the syllabus of various competitive exams like GATE, ESE etc which help them to perform better in those competitive examinations. Parents Feedback: Parents suggested that there should be more interaction of student with the industry and involvement of research based final year project. Taking all these things into consideration students are more encouraged to do the field projects / internships. Even some of the students gets job offer right after after the completion of the internships. The feedback given by the stakeholders were analyzed and suitable action was taken based on the suggestion of the students, parents, alumni, teachers and employer. This This has led to a very positive outcome to engage effectively in the teaching learning process.

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
No Data Entered/Not Applicable !!!				

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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
2018	8927	1099	366	29	139

2.3 - Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used

534

534

31

96

63

33

[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)

The University has a well-established student mentoring system. The students enrolled in the university are assigned to faculty mentors. A healthy environment of engagement among the mentor and mentee benefits both. The enthusiastic faculty at DTU always motivate and guide the students to achieve the best of their capabilities. The students receive guidance and advice from their faculty mentors. This ecosystem of collaboration among the students and faculty members has facilitated the University to excel and persistently rank among the top performing Universities. University has a separate student welfare section dedicated to students mentoring and solving different students' problems. This section works under Dean Student Welfare and Associate Dean Student Welfare, who are senior faculty members of the university. A number of committees are also constituted to handle specific student related issues. Student welfare also organises for several extracurricular activities to ensure overall development of the students and to cultivate the social and cultural environment of the university. The University has many resident hostels in the campus. These hostels are managed by team of wardens working under a chief warden. Wardens are responsible for guiding and mentoring the resident students. University also has several student's technical, social and cultural societies. These societies organise workshops, seminars, cultural and social programmes on different social, cultural issues and guide students to tackle their problems, make them aware about different evils faced during student life like drugs and work on overall development of students. These societies provide the environment to enhance students' cultural, social, management and leadership skills. University has active alumni association, which consciously work with university to guide and mentor the students. Alumni association give several scholarships to students and organize different programmes with students to guide and mentor them. Training and placement department of the university provide a platform to students to get best industrial training, get jobs in their dream organizations and achieve their goals in life. Training and placement department also organize several workshops, training and seminars to guide them for job interviews. Central library of University also organizes several seminars and workshop to guide students about the technical writing, research paper writing specially for PG students and research scholars. International Affair department guides students to get admission in foreign universities for higher studies. International Affair also run several student exchanges programmes with different foreign universities.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
10026	534	1:19

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
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694

257

437

29

16

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
No Data Entered/Not Applicable !!!			

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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
No Data Entered/Not Applicable !!!				

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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	9907	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)

No Data Entered/Not Applicable !!!

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
No Data Entered/Not Applicable !!!					

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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)

No Data Entered/Not Applicable !!!

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
No Data Entered/Not Applicable !!!				

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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
No Data Entered/Not Applicable !!!		

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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
No Data Entered/Not Applicable !!!				

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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
No Data Entered/Not Applicable !!!		

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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
No Data Entered/Not Applicable !!!				

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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
No Data Entered/Not Applicable !!!					

[View File](#)

3.4 - Research Publications and Awards

3.4.1 - Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Delhi School of Management	5
Department of Applied Chemistry	7
Department of Applied Mathematics	1
Department of Applied Physics	14
Department of BioTechnology	5
Department of Civil Engineering	2
Department of Electrical Engineering	7
Department of Electronics Communication Engineering	8
Department of Environmental Engineering	1
Department of Computer Engineering	6

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)
No Data Entered/Not Applicable !!!			

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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

No Data Entered/Not Applicable !!!

[View File](#)

3.4.4 - Patents published/awarded/applied during the year

Patent Details

Patent status

Patent Number

Date of Award

No Data Entered/Not Applicable !!!

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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

No Data Entered/Not Applicable !!!

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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

No Data Entered/Not Applicable !!!

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3.4.7 - Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty

International

National

State

Local

No Data Entered/Not Applicable !!!

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3.5 - Consultancy

3.5.1 - Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
No Data Entered/Not Applicable !!!			

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

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
No Data Entered/Not Applicable !!!				

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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
No Data Entered/Not Applicable !!!			

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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
No Data Entered/Not Applicable !!!			

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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
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No Data Entered/Not Applicable !!!

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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
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No Data Entered/Not Applicable !!!

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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
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No Data Entered/Not Applicable !!!

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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
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No Data Entered/Not Applicable !!!

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CRITERION IV - INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
10660	3112

4.1.2 - Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with Wi-Fi OR LAN	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Video Centre	Existing
Classrooms with LCD facilities	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing

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4.2 - Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
KOHA	Fully	Koha version 3.22.05	2004

4.2.2 - Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	Nil	Nil	Nil	Nil	Nil	Nil

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

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content

No Data Entered/Not Applicable !!!

No file uploaded.

4.3 - IT Infrastructure

4.3.1 - Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	1832	35	1	1	1	1	13	10	0
Added	261	0	0	0	0	0	2	0	0
Total	2093	35	1	1	1	1	15	10	0

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

10 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
DTU Studio	https://www.youtube.com/dtustudio

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
148	125	2020	1964

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)

There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. The University has a dedicated maintenance department responsible for carrying out the duties of Estate Office and is responsible for overseeing the maintenance of buildings, classrooms, laboratories, hostels, sports facilities, utilities, etc. Maintenance of infrastructure facilities, services and equipment is done as per following details: 1. The infrastructure facilities such as classrooms, buildings, hostels, green areas, STP/ETP, etc.

are maintained by the maintenance department at each campus. 2. The University has power management department to ensure uninterrupted power supply and maintenance of electrical assets. The maintenance of equipment like generator sets, general lighting, power distribution system, solar panels etc. are undertaken as per their preventive maintenance schedules, guidelines by the equipment supplier. 3. Maintenance of Services: The University provides various services/facilities the students, faculty, and staff which are maintained by the respective service providers as per contract: cafeterias facilities, banking / ATMs facilities services such as laundry, gymnasium, gaming arcadia, reprography, photocopying, post-office, books stationery, departmental store, etc. DTU Clinic and sports facilities, etc. are maintained by the administration department as per university guidelines.

Housekeeping services are outsourced and available on campus 24 x 7. Facilities such as provisioning of DTU Email-Ids to faculty and student internet access by access credentials for faculty/staff dissemination of Microsoft License for Windows and MS Office is maintained by the computer centre. All network related issues and establishment of new networks is also done by this centre. Computer centre maintains the university website and keeps it updated regularly by uploading notification/circular/office-orders. It also provides repair/maintenance of desktops throughout the university. Computer centre conducts online test for various online exams and helps the departments by providing consultation for procurement of desktop / workstation / server / network devices / ICT devices. All the subdomains of the university within the official website are maintained by this centre. Further, its the interfaces for all kind of HW/SW related functionalities and provisioning of the latest technology to enable research, CMS, ERP, EDP, etc. Computer center has the responsibility of securing university network from internal and external cyber-attacks. It adheres to the latest policy and rules under IT ministry of Government of India and Government of NCT of Delhi. Civil electrical infrastructure of classrooms are maintained by the Engineering Cell. The process of maintenance is as per the SOP of Engineering Cell. The PA systems, projectors and other teaching learning aids are maintained by Engineering Cell through the complaint redressal mechanism as per the guidelines of the university. The requests for maintenance / booking is raised by the users like students, faculty and staff The request is processed by the concerned HOD to the engineering cell for further necessary action. The utilization report is also maintained by use of logbook by the concerned lab. Sports facilities, equipments and services are maintained by Director (physical education).

<http://dtu.ac.in/Web/IQAC/pdf/sop.php>

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	Nil	Nil	Nil
Financial Support from Other Sources			
a) National	Nil	Nil	Nil
b) International	Nil	Nil	Nil

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

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
No Data Entered/Not Applicable !!!			

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5.1.3 - Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
No Data Entered/Not Applicable !!!					

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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
13	13	15

5.2 - Student Progression

5.2.1 - Details of campus placement during the year

On campus			Off campus		
Name of	Number of students	Number of	Name of	Number of students	Number of

organizations visited	participated	stduents placed	organizations visited	participated	stduents placed	
No Data Entered/Not Applicable !!!						
View File						
5.2.2 - Student progression to higher education in percentage during the year						
Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to	
No Data Entered/Not Applicable !!!						
View File						
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					
No Data Entered/Not Applicable !!!						
View File						
5.2.4 - Sports and cultural activities / competitions organised at the institution level during the year						
Activity	Level	Number of Participants				
No Data Entered/Not Applicable !!!						
View File						
5.3 - Student Participation and Activities						
5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)						
Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
No Data Entered/Not Applicable !!!						

[View File](#)

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

BOS Meetings are organized with students representatives to discuss the course/curriculum revisions. On that basis, the entrepreneurship track was introduced and was approved. Mentor-Metee system is developed, each student is assigned with a faculty member to discuss/guide the students for the current and future carrier prospects. Self-study sessions and MOOCs have been introduced for the overall development of the students. Students are member in various committees such as Librarary commitee, Vision-mission commitee, sports council, cultural council, techical socities, etc. Fit India Run was organized on 29th August on the occasion of Sports Day by the Sports council of DTU. Approximately 800 students participated in the event. The Run for Unity was organized by DTU Sports Council on the occasion of the birth anniversary of Sardar Vallabhbhai Patel on 31st October 2019 (National Unity Day) at DTU Sports Complex. More than 600 students of DTU participated in this event. Inter-departmental Sports Fest ARENA 2019-20 was organized by the Sports Council of DTU for the students of all the departments including MTech. BBA DTU East Campus. Student Faculty Sports match was organized by DTU Sports Council on the occasion of 71st Republic Day of India-26th January, 2020 at DTU sports complex. AAHVAAAN the annual sports tournament of Delhi Technological University was organized from 21st to 23rd February 2020.

5.4 - Alumni Engagement

5.4.1 - Whether the institution has registered Alumni Association?

Yes

The Alumni Association/ Chapters (registered and functional) contributes significantly to the development of the institution through financial and non - financial means during the past years.

5.4.2 - No. of registered Alumni:

1245

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

53450000

5.4.4 - Meetings/activities organized by Alumni Association :

Bangalore DTU chapter Meet (28.12.2018) .

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)

The two practices of decentralization and participative management during the last year are as under: 1. DTU has developed a unique model of participative academic governance which has resulted in better functioning of the University. Monthly meeting of Deans, HoDs and other senior functionaries of the University are conducted on a regular basis. On first working Monday of every calendar month the Vice Chancellor conducts two meetings (i) A meeting of the Dean's committee along with the CoE, Registrar, PVCs and Director IQAC. (ii) A meeting of all Deans, HoDs of the different academic departments and other administrative departments. In the first meeting new policy initiatives being planned by the University are discussed and the roadmap to implement these initiatives is discussed. The timelines for different activities are decided. In the second meeting, the day-to-day working of the University is reviewed. The specific problems of different departments are discussed in detail and a conscious effort is made in these meetings itself to resolve the problems. The problems related to purchase, student's amenities, hostel affairs, academic issues are all discussed in these Monday meetings. The minutes of these meetings are discussed in the next and subsequent meetings till the matter involved reaches a logical conclusion. The website link of the minutes of the said monthly meetings is as follows:

http://www.dtu.ac.in/Web/quick_links/mm.php 2. The decentralization in management is practiced through various bodies at University level as well as department level such as Board of Management (BOM), Academic Council (AC), Finance Committee (FC), Building and Works Committee (BWC), Board of Studies (BOS), Department Research Committee (DRC), student research committee (SRC), Department Purchase Committee (DPC). Further committees are constituted with faculty as members where they play active role in decision making. The minutes of meetings of major committees are available at DTU website under the heading Quick Link. Examples of delegation of power during the last year are as under: a) delegation of powers conferred on Academic Council under Section 25 (1) (X), (XI) and (XII) to the Vice-Chancellor or an officer authorized by Vice-Chancellor. b) delegation of power for engaging manpower for Security, Sanitation, House-keeping, Horticulture, Nursing, Hostel, Sports and Office Attendants on outsource basis to the Vice-Chancellor. c) delegation of powers to Vice-Chancellor for expenditure upto Rs. 10 crores for goods and services in a single transaction under University Generated Fund

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

Yes

6.2 - Strategy Development and Deployment

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

Strategy Type	Details
Admission of Students	<p>Admissions to various programs of the University are done purely on merit basis as per the following details: 1. B.Tech programs - based on the CRL of JEE-MAINS Exam, through Joint Admission Counselling (JAC). In addition, international/NRI student admissions are also done on the basis of SAT scores/merit as per the policy approved by the Academic Council. 2. BBA/BA(Hons) Economics - based on the merit of class 12. 3 M.Tech programs - based on GATE score. 4. MBA - based on CAT score, group discussion and interview 5.Ph.D. - based on an entrance test conducted by the University followed by an interview.</p>
Industry Interaction / Collaboration	<p>There is a vibrant industry-institute interaction culture in DTU. The university has a separate division named Industrial Research and Development which is headed by a Dean. This division facilitates industry-institute interaction by framing relevant rules and regulations guiding industrial consultancy. Various organizations like Samsung, CPWD, AIIMS etc. take consultancy from the University on regular basis. Besides, various RD organisations like CSIR, DBT, DST also provide project based grants to carry out sponsored research projects. In addition DTU innovation and incubation foundation has been established to create a culture of entrepreneurship, startups, and intellectual property creation in DTU. The university conducted 12 sponsored research projects with an outlay of Rs. 4,28,40,695. Some of consultancy projects carried out during the last year include a) Transport study of bridge grade separator at Rani Jhansi Road, NDMC b) Conducting road study and Benkelman beam test for roads under South West Road, PWD Delhi.</p>
Human Resource Management	<p>The University is encouraging all of its faculty and staff members for enrolling and attending various development programmes sponsored and conducted by DTU, as well as conducted at various platforms. All the faculty teaching in our various departments are encouraged to increase research and industrial collaboration through seminars and workshops. Our university is also providing the financial assistance for participating in such conferences, workshops and seminars. In addition to enhance the research environment, faculty have been motivated by acknowledging their research outcome through Research Excellence Award. For enhancing the productivity of the</p>

	<p>administrative staff, various training programme on new government policies, such as awareness about New Pension scheme have been organised.</p>
<p>Library, ICT and Physical Infrastructure / Instrumentation</p>	<p>In order to improve quality of the library services to students, faculty and research scholar and being a Learning Resources Centre of a reputed engineering institute of India, the Central Library has been in forefront in application of ICT. The library introduced computerization in 2004 by using the library management software LibSys. The library keeps pace with the development of ICT as it creates digital library for its users and also shifted from LibSys to KOHA. The library introduced number of services to improve the satisfaction level of its users. Some of the development are as follows: (1) Completion of Computerized catalogue of all resources (2) Introducing the WebOPAC (3) Creating institutional repository (4) Subscribing electronic resources (5) Acquisition of e-Books. (6) Installation of signage system in library to help its readers in finding resources (7) Bring out acquisition bulletin newspaper clipping on daily basis monthly list of scholarly publications being published by DTU fraternity (8) Conduct information literacy programme on regular intervals (9) Get the plagiarism check to improve the quality of publications (10) Remote access to the library users (11) provide documents not available in DTU library to users. The library has been an ISO certified library and developing SOP of all section of the library.</p>
<p>Research and Development</p>	<p>Since the inception of the University research and development activities have been given prime importance in the University. This focus has been increasing gradually. During the past year 626 journal articles, 320 papers in conference/symposia, 62 book chapters have been published and 62 Ph.Ds have been awarded. The other important highlights related to Resesach and development activities are given as under: 1. Guidelines were revised for the Award for Published Paper of the Researchers of Delhi Technological University. 2. Framing of standard regulations for presenting Paper in the International Conference/Symposia by the Faculty of Delhi Technological University. 3. Revision of guidelines for presenting Paper in International Conference/Symposia by the Faculty and Students of Delhi Technological University. 4. Revision of University share in Norms, Rules and Regulation for Undertaking Sponsored Research and Industrial Consultancy. 5. Formulation of policy for Promotion of Research in the University. 6. Research Project Grant to the Faculty of Delhi Technological University. 7. Revision of norms, rules and regulations for undertaking sponsored research and industrial consultancy.</p>

<p>Examination and Evaluation</p>	<p>1. The university follows a very well defined system of examination and evaluation which places equal emphasis on continuous evaluation as well as comprehensive evaluation. The examinations are conducted as per the dates mentioned in the academic calender which is published in the beginning of the semester. 2. A book on Guidelines for setting Good Quality Question Papers was published to maintain the standard of question papers. 3. Regular auditing of question papers was conducted by a committee of senior faculty members. 4. A Central Evaluation hall is built with modern facilities. 5. Answer sheets are shown to students after evaulation by the examiner. Students can given representation to the examiners for quick resolution. 6. Grade Moderation Committee is chaired by HOD to review and moderate the grades. 7. A grievance addressal system is developed with different escalation levels - examiner, HOD, Dean, COE and VC. 8. Complete automation of examination system inlcuding registration of students, preparation of datesheet, entry of recommendations of BOS, Issue of Appointment letters to Paper Setters/Examiners/Coordinators, Issue of Admit Cards, Marks Entry by Examiners, Grade Moderation, Preparation, Tabulation and Declaration of Results, Preparation of Marksheets/Degrees and others exists. 9. The university conducts annual convocation on regular basis in which Degree Certificate with 15 high security features are distributed.</p>
<p>Teaching and Learning</p>	<p>The university has implemented the Choice Based Credit System (CBCS) in all its undergraduate as well as post graduate programs to encourage and facilitate interdisciplinary learning. Using ICT services, LMS, and e-resources, the teaching-learning process employs various approaches such as experiential learning, participative learning, and problem-solving methodologies. via internal assessments, the necessary efforts are made to determine the learning levels (slow and fast) of the students, and additional training is provided to slow learners. The University is dedicated to adhering to the AICTEs Student Faculty Ratio (SFR) guidelines. The institution encourages faculty to improve their qualifications and domain expertise while also rewarding them for producing high-quality research publications and securing funded projects.The University has always aimed at effective curriculum delivery through a well-planned and documented teaching-learning process. Teaching plans are based on an academic calendar. Multimedia teaching aids and ICT supplement the teaching-learning process. Special lectures are organized, featuring faculty members and other experts from different institutions.</p>
<p>Curriculum</p>	<p>1. Systematic feedback on the curriculum from different stakeholders such as</p>

Development	students, teachers, parents, management, industry, academia. 2. Preparation of proposals by the departments for curriculum development in consultation with stakeholders. 3. Employability enhancement skills are included in the curriculum focusing on the employability of the course. 4. Focus on research, innovation Entrepreneurship 5. Project and Experiment based learning 6. Regular meetings of the academic council to deliberate the proposals by the different departments for curriculum development. 7. Introduction of new courses and programs
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6.2.2 - Implementation of e-governance in areas of operations:

E-governance area	Details
Planning and Development	The University extensively uses ICT during the process of planning events and activities. An example includes usage of several features of Gsuite such as email, drive, calender, docs, sheets and forms. Important notices and reports are also circulated via e-mails. The minutes of meetings are available on the website. The releant online links are as under: 1. https://cumsdtu.in/lisa_dtu 2. www.dtu.ac.in
Administration	The administration at DTU leverages ICT through a fully functional ERP system. To achieve the target of paperless office, teaching and non-teaching staff use Google facilities like Google sheets, Google Docs, Google form and Google Drive. Further, WhatsApp groups are used for the dissemination of the information. The relevant links are as under: 1. https://cumsdtu.in/lisa_dtu 2. www.dtu.ac.in
Finance and Accounts	The accounts of the institution are maintained through the Tally software, ultrasoft and ERP. The relevant links are as under: 1. https://cumsdtu.in/lisa_dtu/LSAcademia.jsp 2. http://ultrasoftindia.com/(S(n5vt0ws2fwimuowellikvpib))/DeptLog.aspx
Student Admission and Support	Admission process is semi-online , admission forms are also provided. Students submit printouts and required documents at respected counters. Online facility is also there for students to apply for admission in various disciplines. The software is also used for student support like issuing : (i)Transfer Certificate, (ii) Bonafide certificates. (iii) Admission Forms (iv) Issue of ICards, Library cards and Challan. The relevant online links are as under: 1. https://cumsdtu.in/AdmissionsWebsite/ 2. www.jacdelhi.nic.in 3. https://cumsdtu.in/student_dtu
Examination	Examination Process are handled through ERP. Filling of examination forms,

obtaining admit cards, uploading of marks etc. everything is done in online manner. Academic cell of university Examination oversees the complete process of examination under the guidance of the examination controller of the university. The relevant online links are as under: 1. <https://cumsdtu.in/AdmissionsWebsite/> 2. https://cumsdtu.in/student_dtu 3. https://cumsdtu.in/staff_dtu 4. <http://www.exam.dtu.ac.in/> 5. <http://www.dtu.ac.in/>

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
No Data Entered/Not Applicable !!!				

[View File](#)

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	Null	Null	Null	Null	Null	Null

[View File](#)

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

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

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
29	29	12	12

6.3.5 - Welfare schemes for

Teaching	Non-teaching	Students
<p>1. There is a provision for professional development fund, for supporting the research work and for attending the conferences, workshops and faculty development programme (FDP)</p> <p>2. Initial one time grant of Rs. 2 Lakhs is provided to faculty members for purchase of computer/laptop/office furniture etc.</p> <p>3. Provision for reimbursement of books, membership fee, tuition fee, medical bills, leaves, etc.</p> <p>4. Provision of child care leave and maternity leave for female employees.</p> <p>5. DGHS facility is available to faculty and staff. Dispensary is equipped with doctors with multiple specialization and are available in the campus.</p> <p>6. Faculty and staff are covered under group insurance scheme.</p> <p>7. Provision for faculty welfare committees.</p> <p>8. Provision for research awards to promote research.</p> <p>9. There is well defined promotional policy and service rules. Promotions under CAS are done on regular basis.</p> <p>10. Provision for sponsoring the faculty for higher education programme, e.g. QIP for full time PhD programme.</p> <p>Technical staff also gets the opportunity to pursue higher studies.</p>	<p>1. Provision of Employee Welfare Fund for teaching and non-teaching staff.</p> <p>2. Faculty and staff are covered under group insurance scheme.</p> <p>3. The university has facilities of dispensary, Bank, Post-office, sports ground.</p> <p>4. Accomodation available within the campus.</p> <p>5. on campus sports facilities.</p> <p>6. internet faciltiy in all offices as well as residential complex.</p>	<p>1. The institution has office of Dean student welfare for the welfare measures for students</p> <p>2. Provision of financial assistance for students to attend internship overseas.</p> <p>3. Provision of funding of Students Innovative Projects.</p> <p>4. Provison of scholarships for students.</p> <p>5. Provision of tuition fee waiver for students from economically lower backgrounds.</p> <p>6. Provision of Travel Grant to Students for participating in events like Hackathon, MUN, Important Meeting etc.</p> <p>7. Provision of financial assistance to organise events, workshops, seminars, industrial visits etc.</p> <p>7. The university has facilities of dispensary, Bank, Post-office, sports ground, hostels, internet etc.</p> <p>9. Provision of Group medical insurance for students.</p> <p>Provision to provide financial assistance to students to attend national and international conferences.</p>

11. Provision of LTC is there as per Govt norms.

6.4 - Financial Management and Resource Mobilization

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

DTU has been established by the Govt. of National Capital Territory (NCT) of Delhi by reconstituted Delhi College of Engineering vide Delhi Act 6 of 2009 as passed by the legislative assembly of Govt. of NCT of Delhi on 1st July, 2009 which has come into force with effect from July 15, 2009 with its notification in the Official Gazette. DTU, an institution of eminence in the seminal role country, has played a skilled technical manpower to the nature and committed to attract best of mind for its faculty and students, ensure high academic standards and encourage research and innovations in the areas of relevance to industry and society. In accordance with section 35 of DTU Act 2009, the Annual accounts and balance sheet of the University shall be prepared under the directions of BOM of DTU and shall, at least, once every financial year at intervals for not more than fifteen months be audited by the Comptroller and Auditor General (CAG) of India or such person or persons as he may authorize in this behalf. The Audit of Annual Accounts of the University is being carried out by the three tier system: The internal Audit of Annual Accounts is being carried out by the Chartered Accountant appointed by the BOM, DTU. The Audit of Local Fund Accounts (LFA) is carried out by the Directorate of Audit, Govt. of NCT of Delhi for the funds received from Finance Department of NCT Delhi in the form of Grant in Aid through Directorate of Training Technical Education, NCT of Delhi being administrative department of the University. The CAG of India carried out statutory Audit of the University as per the provisions of section 35 of DTU Act 2009. Accounts of DTU are auditable under Section 14 of Duties, Power and condition of Service (DPS) Act (CAG of India) as per which following records are auditable. Advances Sanctioned Outsource and Sanitation Services Outsource of Manpower Purchase of Consumable and Non consumable items Maintenance of Funds Accounts Investment Policy Misc. expenditure - Civil and Electrical Internal Audit is carried out by Examiner- local funds accounts -Govt. of Delhi as regular funds received in form of Grant-in-Aids. Audit of CAG and Directorate of Audit, Govt. of NCT of Delhi are carried out annually. CAG Audit specifically covers the sphere of policy decisions of the organization like creation and utilization of capital assets, utilization of revenue, recruitment etc. whereas internal audit by NCT, Delhi addresses like salaries, utilization of Grant and income tax etc. Audit observations raised by AG/ Delhi Govt. have been suitably replied for settlement emphasizing action taken as per rules and regulations/ instructions issued by Govt. of India/ Delhi Govt. General Financial Rules/CPWD works manual /Instruction issued time to time by the Finance Deptt. govt. of Delhi. However, procedural observations of the

audit have been noted for compliance in future. Outstanding audit paras are likely to be settled shortly.

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
No Data Entered/Not Applicabile !!!		

[View File](#)

6.4.3 - Total corpus fund generated

33405042

6.5 - Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	Nil	Yes	IQAC
Administrative	Yes	STQC certification services	Yes	IQAC

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

As per the DTU Act, Delhi Act 6 of 2009 passed by the Assembly, DTU is a non-affiliating State University.

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

1. A healthy interaction among the parents, teachers and students takes place at the time of orientation program for newly admitted students. 2. The University organizes convocation ceremony for the students on a regular basis. The parents are also invited to the ceremony. It provides a very enriching platform for the association among the parents and teachers. 3. The feedback of the parents is actively sought by the University.

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

1. Training Program for Newly Recruited Ministerial Staff of DTU, 2. Workshop on key provisions of the right of persons with disabilities, Act 2016 organized on 02-01-2019, 3. Program on New Pension Scheme (NPS) for Officer /Officials, 27-09-2018

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

1. Academic and administrative audit is systematically conducted 2. Timely promotion of faculty under CAS and new faculty recruitment. 3. Emphasis on research and innovation resulted in consistent increase in research publications, citations and h-index of the University. 4. Introduction of design education and establishment of department of design. 5. Increase in number of foreign national students 6. Signing of MoUs with international Universities. 7. Introduction of new Programs 8. Green audit conducted 9. MoU signed with Engineering Staff College of India, Hyderabad to conduct training programmes, upskilling, innovation and entrepreneurship programmes. 10. Publication of annual report of DTU for academic year 2018-19.

6.5.6 - Internal Quality Assurance System Details

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

6.5.7 - 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
No Data Entered/Not Applicable !!!					

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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
Informal Discussions in the Department on Women Empowerment and Gender Equality	08/03/2019	08/03/2019	68	30
Constitution of Committee for addressing harassment at workplace along with student members	01/08/2018	31/07/2019	3	2

Reconstitution of Institution of Ethical and Biosafety Committee	01/08/2018	31/07/2019	3	3
Menstrual Hygiene and Awareness	03/04/2019	03/04/2019	234	Nil
Health Awareness Camp	18/03/2019	18/03/2019	80	14
Workshop on "Cyber Security. This workshop was an initiative of National Commission for Women (NCW)	09/04/2019	09/04/2019	42	55
One Day workshop on "Sensitisation of University administration: Gender, Disability and Social Inclusion	24/07/2019	24/07/2019	34	48
Self Defence Training Programme, in collaboration with Delhi Police	11/04/2019	11/04/2019	Nil	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
11.35 percent of power requirement of the university met by the renewable energy sources.

7.1.3 - Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Ramp/Rails	Yes	19
Rest Rooms	Yes	19
Scribes for examination	Yes	19

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
No Data Entered/Not Applicable !!!							

[View File](#)

7.1.5 - Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)

Standard Operating Procedure vol.1,2,3	01/04/2018	The Standard Operating Procedure is available for the university
Quality Manual	01/04/2018	http://www.dtu.ac.in/Web/quick_links/dtu_acts.php
Core values and Vision and Mission of Department	01/04/2018	Dispalyed in the Department and is in line with the University
Departmental Procedure	01/04/2018	Every department outline the Departments vision, mission, and PEO in line with vision and mission of university and its subsequent revisions to accommodate the dynamics of the university and the global and local challenges.

7.1.6 - Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
No Data Entered/Not Applicable !!!			
View File			

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

Ban on use of plastic: Single-use plastic items such as plastic bottles, bags, spoons, straws and cups are banned completely and awareness is created among staff and students through orientation and display boards in the premises. To restrict the use of plastic, measures have been taken to replace plastic tea cups and glasses with steel glasses in the canteen. The staff and students are informed to use steel or copper water bottles instead of plastic bottles.
Central Air Conditioning: Library of the University is equipped with water based central air conditioner, avoiding the conventional ACs. University is exploring the possibility to provide similar central air conditioning to all its building infrastructure.
Color-coded dust bins: Color-coded bins are installed throughout the campus to encourage segregation of wastes at source.
Cycling: Use of bicycles is encouraged for commuting within the campus. University has deployed a fleet of cycles which can be issued by students for travel within campus.
Eco-friendly construction practices: Engineering Cell of the University undertakes all

construction and maintenance. University has transplanted numerous trees instead of felling. Eco-friendly construction materials such as flyash bricks, PPC, etc. are used for construction.

Eco-system in DTU Campus: For maintaining eco-system in DTU main campus, DTU purchases a Anti-Smoke Gun fully automatic of Cloudd Tech make. The cloud tech for cannon dust suppression system uses high high pressure water fogging with turbo air flow which creates an ultra-fine consisting of very fine water droplets. (10 to 30 micron size). These tiny water droplets absorb even the smallest dust particles in the air, fall to the ground without wetness. Particularly suited for dusty environments. Fog cannon dust suppression system throw 70 mtrs. This Anti Smoke Gun used in campus time to time whenever the pollution level is increases in campus.

Environmental Awareness: Information posters / Banners are fixed in every classroom/seminar hall, offices for switching off unnessary lights and fans as part of energy conservation drive.

Maintenance of natural environment: The university has many trees within the campus. It has setup a horticulture nursery to maintain health of plants. The university is also working towards rehabilitation of DTU lake and regularly studies its water quality.

Paperless Campus- E-office initiative as per university guidelines: Measures have been taken to reduce the wastage of paper. Students are encouraged to submit the assignments and thesis work online. The institute authorities are taking initiatives to make the campus paperless. Internal communication in the campus, through e-mail or e-messages, is driving towards paperless office. Whats app group for faculty and student for information. This will reduce the paper usage.

Power saving: All the compact fluorescent lamps (CFLs), mercury and sodium vapour street lights have been changed to energy efficient Light Emitting Diodes (LEDs) bulbs and tube sets in the campuses. The faculty members, administrative staff and students are sensitized to use electric power judiciously. New buildings in the University have been constructed with more provision of natural lights and ventilation, enabling lower consumption of electrical energy in day time.

Reuse / Recylce: Reuse and recycling of paper is encouraged in the campus. Answerscripts, practical files, submissions, etc. older than 1 year are sent for recycling. Students are involved in creating recycled paper.

Sewage Treatment Plant- Capacity:- 01 MLD (01 Million Liter Per Day): Sewage Treatment Plant with capacity of 01 Million Per Day (MLD) has been constructed and functioning with effect from 01.05.2019 in DTU main campus and treated the waste water approx 10 lakh liter per day subject to avalibilty of waste water from residential area, non-residential area and hostel

area to STP. As per the record, Treated water from July-2018 to June-2019:- Approx 28 lakh Liter.

Solar Power: University has installed solar panels to generate 6,21,483 kWh electricity annually.

Solar Street Lamps: University have installed solar lights throughout the campus to utilize solar energy and reduce power consumption.

Tree Plantation Drives: DTU is a world class university and spread around 163.87 Acre (Approx). DTU is a very greenery campus and plantation takes place from time to time in campus. The University alongwith its branches/departments are actively involved in tree/sapling plantation. It is a regular activity in the University. Priority is given to the fast growing indigenous varieties for plantation that suits the natural landscape and ensuring carbon neutrality. Plantation July-2018 to June-2019:- 750 saplings

Waste Disposal Practices: Proper waste disposal measures are taken particularly in the hostels and residential colonies with the help of Municipality. Dustbins are placed at appropriate places. Burning of fallen leaves is strictly prohibited instead recycling of organic matter (plant leaves etc.) is done through decomposition pits, to be use as manure later. Waste disposal and waste management initiative taken in the departments for wet labs.

7.2 - Best Practices

7.2.1 - Describe at least two institutional best practices

1. Foundation of Unmanned Aerial System (UAS) LAB: Founded in 2009, UAS DTU has focused on conducting novel research in the field of unmanned aerial vehicles in order to harness new technologies in the aerospace and defence sector to aid the country in Intelligence, Surveillance, Target Acquisition, and Reconnaissance (ISTAR) and Humanitarian Assistance and Disaster Relief (HADR) scenarios and reduce India's dependencies on COTS products by developing an indigenous solution for UAVs Team Capabilities 1. High-performance customized UAS platform integration for mission-specific requirements. 2. UAV swarm technology – Collaborative swarm behavior among UAVs along with Human Detection, Geotagging, and Outdoor GPS Denied Navigation Capabilities. 3. ISTAR - Intelligence, Surveillance, Target Acquisition, and Reconnaissance for military and civilian application. 4. Humanitarian Assistance and Disaster Relief (HADR) using special drones. 5. Autonomous take-off, waypoint navigation and landing for both fixed-wings and multi-rotors, capable of out of sight navigation. 6. Visual-based Simultaneous Localization and Mapping (SLAM) for navigation in indoor GPS Denied areas. 7. Cost and time-effective area search and infrastructure inspection operation by employing swarms of UAV 2. Activities conducted for promotion of universal Values and Ethics: Board of Management in its 26th meeting on 8.12.2017 has

approved the establishment of Centre for Value based Education at DTU. The role of the centre is to prepare and implement innovative resource material for value education for students, encourage the students about the benefits of implementing professional ethics in their later life. Centre organizes workshops and STCs to motivate the teachers to use value education, yoga and meditation as a tool in making better citizen. 1. The centre took initiative for the inner well-being of an individual whether being a student, staff or teacher, in the form of expert lecture and periodical sessions with yoga and meditation experts. 2. Weekly meditation sessions being conducted in the campus regularly. 3. MoU has been made with Heartfulness Institute for exchange of their faculty for training, research and retreat. 4. One day workshop on Professional Excellence through Values, Meditation and Self-Management by Department of Centre for Value Based Education. (July 26, 2019)

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

<http://dtu.ac.in/Web/IQAC/naac/criteria7/Link2018-19.pdf>

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

7.3.1 Describe/Explain the performance of the institution in one area distinctive to its vision, priority and thrust Response: DTU water treatment, solar power to push DTU's GO Green agenda With the largest waste to energy plant in any educational institute in north India already operational, DTU is taking more steps to go green. The university has initiated to build a sewage treatment plant on its 164-acre campus in Rohini and also planning a solar power system to reduce its carbon footprint. Some of the implementations of Go Green Agenda of university are as follows: 1. Go Digital by using ERP portal 2. Recycle programs encouragement 3. Separate dustbins for recyclable and non-recyclable wastes are available in common places. 4. Smoking is strictly prohibited inside the campus. 5. Use of electricity wisely. 6. Minimum usage of plastic 7. Buy LED lamps 8. Use environment friendly office products 9. Growing more plants and trees. 10. Use of solar energy 11. Students use the cycles for commuting within the campus. Financial Aid: Some students come from rural areas with low economic background. So, the institution tries to extend financial aid to the poor students, especially from the rural, to save them from discontinuation of their studies owing to poverty.

Provide the weblink of the institution

8. Future Plans of Actions for Next Academic Year

1. To introduce new courses structure for PG programs of the university to make it more research-oriented. 2. Introduction of tracks on Research, Product development, and Entrepreneurship. 3. Expand and strengthen the collaboration with Industry by signing MoUs at national and international levels. 4. Increase DTU fellowships to encourage research. 5. Increase in infrastructure in terms of human resources and physical facilities. 6. To encourage faculty to publish their research in high-quality journals. 7. To encourage faculty for sponsored researched projects. 8. To encourage faculty for higher studies by proving study leaves. 9. To promote entrepreneurship by encouraging students. 10. Creation of a new center of excellence.