



# DELHI TECHNOLOGICAL UNIVERSITY

## Progress & Accomplishments

2015-20



*Initially established with the name*

**DELHI POLYTECHNIC**

**1941**

*Renamed as*

**DELHI COLLEGE OF ENGINEERING**

**1965**

*Reconstituted as*

**DELHI TECHNOLOGICAL UNIVERSITY** **2009**

“

*Committed to  
Foster comprehensive Higher  
Education with focus on Applied  
Science, Engineering, Technology,  
Management and Allied areas*

”



“

*“We pay our respect to people of Delhi and Government of NCT of Delhi for providing us excellent inputs in terms of students, teachers, human resources, infrastructure and grants”*

”

## **DELHI TECHNOLOGICAL UNIVERSITY ACT, 2009**

**(Delhi Act 6 of 2009)**

“.....it is a non-affiliating, teaching and research university at Delhi to facilitate and promote studies, research, technology incubation, product innovation and extension work in Science, Technology and Management Education and also to achieve excellence in higher technical education and other matters ....”



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DELHI CAMPUS  
DTU Logo  
DR. ANIL KUMAR  
SPEAKER  
15/05/2024

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SPEAKER  
15/05/2024



## *From the Desk of* **Vice Chancellor**

Delhi Technological University (formerly Delhi College of Engineering) has an illustrious history spanning over 78 years. This premier institution is well known worldwide for its outstanding education, research & innovations. Delhi Technological University (DTU) currently offers various inter-disciplinary and industry relevant

programs in Science, Engineering, Management & Allied areas at both the undergraduate and postgraduate level.

The university currently offers 14 B.Tech, B.Des., 20 M.Tech, M.B.A., B.Tech (Evening) and Ph.D. programs. The university has constituted 300 Ph.D. fellowships in order to further strengthen the research culture in the campus. The university has started three M.Sc. programs namely in Mathematics, Physics and Biotechnology with effect from academic session 2019-20. The curriculum of postgraduate programs has been revised and the university has recently adopted choice based credit system that offers flexibility to the students to choose depending upon their interests from foundation, inter disciplinary and intra disciplinary courses. Further, university has introduced three new tracks in the undergraduate curriculum: Research Track, Product Track and Entrepreneurship Track. The idea of the tracks is to develop analytical skills and critical thinking among the students that will enable the students apply knowledge to address the real world situation/problem and find the solutions for them.

The construction work of two new academic blocks and three hostel blocks has begun. It will provide the academic infrastructure for more than 3000 students and will accommodate an additional 666 girls and 333 boys in hostels. The university has transplanted 111 trees and also planted additional 1000 saplings.

The university has eminent and highly distinguished faculty. DTU has implemented New Pension Scheme for the employees, added 147 new faculty members and promoted 192 faculty members under CAS in past 5 years.

The new East Delhi campus of DTU located at the heart of East Delhi under the flagship of Government of NCT of Delhi has started with effect from August 2017. Recently the campus has been renovated. The campus offers specialized programs in Management that would train and nurture young entrepreneurs to face challenges that the current scenario has offered for the nation. The new campus offers M.B.A., M.B.A. Business Analytics, B.B.A. and B.A. Economics (Hons.) programs. Keeping the demand for specialization in entrepreneurship and innovation in view, the East Delhi Campus of the University has started two new programs this year, M.B.A. Innovation, Entrepreneurship & Venture Development and M.B.A. Family Business & Entrepreneurship. These programs will energize and enhance entrepreneurship skills of students and provide them facilities and opportunities to become a successful entrepreneur. The aim of starting these programs is to prepare manpower to lead organizations and create job opportunities in the areas of emerging technologies.

We in DTU are committed to support excellence in research and recognizing those who have achieved this. Based on this idea to recognize the achievements of faculty and students at DTU, the university has constituted Research Excellence Awards in 2017. The purpose of the awards is to encourage and promote research culture in all the disciplines of the university and to celebrate the individual excellence in research. The university offers three categories of awards annually namely, Outstanding Research Awards, Premier Research Awards and Commendable Research Awards. The university has awarded 103 Researchers with 82 SCI/SCIE indexed publications, 152 researchers with 107 SCI/SCIE indexed publications and 155 researchers with 116 SCI/SCIE indexed publications in March 2018, 2019 and 2020, respectively.

The placements of DTU have reached new heights which is evident by the high pay packages received in past years touching 1.25 crores. In 2019-20, 1344 offers were received by undergraduate students and they were placed in reputed companies with 1.07 crores highest pay package offered by Amazon Ireland. This year already 129 reputed companies have visited and made 814 placements. The highest package has been offered by Atlassian of 51.75 Lakhs. The placement session shall continue till April 2021. The students who have passed out of DTU are studying in various prestigious National and International institutes such as IIM's, IIT's, Carnegie Mellon University, Columbia University, Duke University, Purdue University and University of California.

The university has established the DTU Innovation and Incubation Foundation and currently, 18 teams are working in the Centre. The aim of the DTU Innovation and



Incubation Foundation is to create a culture of entrepreneurship, startups, and Intellectual Property Creation that leads to value creation, jobs, and employment, and does social and economic good by creating a robust ecosystem. The university has also established centers like Center of Outreach & Extension Activities and Center of Human Resource Development. The Center of Outreach & Extension Activities aims to organize a variety of activities for promoting public awareness. The university has also established Equal Opportunity Cell with an aim to work out, organize and monitor suitable programs/ schemes for the students and staff belonging to the weaker sections of the society.

The university annually organizes cultural and technical festivals. Engifest is the annual cultural extravaganza of the university and offers a good mix of literary, cultural, and entertainment events. Further, there are a series of professional societies including IEEE, IETE, CSI, SSE and others. DTU has research collaborations with premier organizations around the globe.

The university has been consistently ranked among best 10 engineering institutions as per the various Independent Surveys on Best Engineering Institutions of the country. The university has also been consistently ranked among the best 10 engineering institutions as per the various independent Surveys on Best Engineering Institutions of the country. The university has got 1<sup>st</sup> position as per Times Engineering Ranking 2020. The University has been ranked 5<sup>th</sup> by India Today's best Technical University ranking in 2020. The 2020 NIRF rankings placed DTU at the 36<sup>th</sup> position among the engineering institutions and at 45<sup>th</sup> in the categories of universities. The university has participated in Times Higher Education World University Ranking for the second time and has been placed 800-1001 position in University category, 801+ in Engineering & Technology category, 801+ in Physical Sciences and 601+ in Computer Science category in 2021.

With the focus on industry relevant education, DTU is marching towards becoming a Global leader in education, research and innovations. I invite the aspiring engineers for committing themselves for studies, research and innovation.

Dated: 11.12.2020

Prof. Yogesh Singh  
Vice Chancellor

# 1. VISION, MISSION, QUALITY POLICY AND CORE VALUES

## VISION

*“To be a world class university through education, innovation, and research for the service of humanity”*

## MISSION

- 1. To establish Centres of excellence in emerging areas of science, engineering, technology, management and allied areas.*
- 2. To foster an ecosystem for incubation, product development, transfer of technology and entrepreneurship.*
- 3. To create environment of collaboration, experimentation, imagination and creativity.*
- 4. To develop human potential with analytical abilities, ethics and integrity.*
- 5. To provide environment friendly, reasonable and sustainable solutions for local and global needs.*

## QUALITY POLICY

*The university is committed to achieving global standards of excellence in the field of Science, Technology, Management and allied areas by disseminating knowledge through cutting-edge research, education and innovation. We adopt best practices to maintain high standards in the core and allied functions through continuous evaluation and improvement of our processes.*



### Strengthening Education

- Flexible Curriculum
- Outcome-based education
- Focus on research, innovation & Entrepreneurship
- Project and Experiment based learning

## CORE VALUES

### Integrity

We do what we say through trust, transparency and honesty.

### Compassion

We foster civilized mindset for kindness, consideration and benevolence.

### Commitment

We dedicate ourselves completely to all our endeavors.

### Creativity

We nurture innovation, imagination and ideation.

### Collaboration

We promote team work through togetherness, harmony and acknowledgment.

### Inclusion

We embrace diversity with respect, acceptance and affirmation.

## ROADMAP FOR ACHIEVING VISION



### Product Development & Entrepreneurship

- Incubation & Innovation Foundation (19 companies working currently)
- Product & Entrepreneurship
- Track introduced in UG & PG curriculum



### Collaboration & Creativity

- Research Excellence Award & Grants for researchers
- MoUs with leading industries and universities
- Research Track introduced in PG & UG Curriculum



### Ethics & Integrity

- FECs on values, ethics and sports
- Regular workshop on ethical values, professionalism
- Training programs for development of analytical abilities & critical thinking



### Sustainability

- Green Campus
- Zero Discharge Campus
- Sewerage Treatment Plant
- Solar Power Plant
- Organic to Waste Energy Plant

## 2. ABOUT DELHI TECHNOLOGICAL UNIVERSITY: HISTORICAL PERSPECTIVE

Delhi Technological University (DTU) is a non affiliating, teaching and research university at Delhi to achieve excellence in science, engineering, technology, management and allied areas and matters connected therewith or incidental thereto. The university enables students to face the wide-ranging changes taking place in the fields of science, technology, environment and management. This includes innovation, design, development, construction, production, managerial and entrepreneurial activities. The University lays great emphasis on assisting students in the development of national character, self-confidence, leadership and fostering an ecosystem for creativity and imagination.

This university was initially established with the name of Delhi Polytechnic in the year 1941 and was renamed to Delhi College of Engineering in 1965. In 2009, Delhi Technological University was reconstituted from Delhi College of Engineering by the Government of NCT of Delhi. The University has an illustrious history spanning over 78 years.

The newly established East Delhi Campus of DTU has been functional since the 2017-18 academic session. It is located at Vivek Vihar, Phase II, Delhi. This campus endeavours to provide quality education, research, and innovation in the emerging areas of management, relevant to industry and society.

This premier institution is globally well-known for its outstanding education, research, and innovations. The university currently offers various interdisciplinary and industry relevant-programmes in science, technology, management, and allied areas at both the undergraduate and postgraduate level. The university has established a strong academia-industry interface and has collaborations with reputed research organizations, industries, and premier institutions. A great many alumni of the institute have excelled at home and abroad and through their contributions to the profession of engineering they have brought high honour and enhanced the dignity of engineering fraternity being rolled out from institutions in India. In fact, the DTU is a highly preferred choice of the meritorious students in the country. With its illustrious history, strong alumni power worldwide, profound contributions to the growth of quality human capital in engineering and technology and a campus vibrant with technology innovations unleashing the enormous power of creativity of the talented new generation professionals, DTU has earned the reputation of being one of the premier University of Technology in the Country.

### 3. DTU AT A GLANCE

## Points of Pride



**2 Campuses**



**13,491  
Students**



**Eminent and  
Distinguished  
Faculty**



**Publications,  
Citations & Impact**



**Placements in  
Top Companies**



**Community  
Conscious Societies  
and Students**



**Research  
Excellence Awards**



**DTU Innovation  
and Incubation  
Foundation**



**World recognized  
ALUMNI**

## 4. OUR VISIONARY LEADERS

### *Visitors (Hon'ble President of India)*

NAME	TENURE
Smt. Pratibha Patil	23 <sup>rd</sup> July 2009 to 25 <sup>th</sup> July 2012
Shri Pranab Mukherjee	25 <sup>th</sup> July 2012 to 25 <sup>th</sup> July 2017
Shri Ram Nath Kovind	25 <sup>th</sup> July 2017 to Till Date

### *Chancellors (Hon'ble Lieutenant Governor of Delhi)*

NAME	TENURE
Shri Tejendra Khanna, I.A.S.	23 <sup>rd</sup> July 2009 to 8 <sup>th</sup> July 2013
Shri Najeeb Jung, I.A.S.	9 <sup>th</sup> July 2013 to 22 <sup>nd</sup> Dec. 2016
Shri Anil Baijal, I.A.S.	31 <sup>st</sup> Dec. 2016 to Till Date

### *Vice Chancellors*

NAME	TENURE
Prof. P.B. Sharma	23 <sup>rd</sup> July 2009 to 22 <sup>nd</sup> July 2014
Prof. Pradeep Kumar	19 <sup>th</sup> August 2014 to 23 <sup>rd</sup> Sep. 2015
Prof. Yogesh Singh	23 <sup>rd</sup> Sep. 2015 to Till Date

### *Pro Vice Chancellors*

NAME	TENURE
Prof. Moinuddin	1 <sup>st</sup> Oct. 2010 to 31 <sup>st</sup> July 2013
Prof. S.K. Garg	16 <sup>th</sup> Jan 2014 to 19 <sup>th</sup> Aug. 2014 1 <sup>st</sup> Jan. 2015 to 16 <sup>th</sup> Jan., 2020
Prof. Anu Singh Lather	17 <sup>th</sup> Jan. 2017 to 20 <sup>th</sup> Feb. 2019



Shri Manish Sisodia, Hon'ble Deputy Chief Minister of Delhi inaugurating DTU book 'Udaan' at Orientation Programme, August 2019,

## OUR VISIONARY LEADERS

### *Principals*

NAME	TENURE
Prof. W.W. Wood	Jan. 1941 to Aug. 1946
Prof. R.G.P.S. Fairbairn	Sept. 1946 to Sept. 1949
Prof. S.C. Sen	Sept. 1949 to Dec. 1966
Shri S. Ainul Abiding	Jan. 1967 to Jan. 1968
Prof. J.N. Moudgil	Feb. 1968 to April 1971
Shri T.S. Murty	May 1971 to Jan. 1972
Prof. R.C. Narayanan	Feb. 1972 to May 1980
Prof. M.L. Mandal	June 1980 to July 1989
Prof. M. Paldas	Aug. 1989 to 5 <sup>th</sup> Dec. 1990
Prof. P.B. Sharma	6 <sup>th</sup> Dec. 1990 to 21 <sup>st</sup> Aug. 1999
Prof. N.L. Sachdeva	22 <sup>nd</sup> Aug 1999 to 28 <sup>th</sup> Feb. 2003
Prof. D. Goldar	28 <sup>th</sup> Feb. 2003 to 25 <sup>th</sup> Aug. 2003
Prof. P.B. Sharma	26 <sup>th</sup> Aug. 2003 to 9 <sup>th</sup> Oct. 2006
Prof. D. Goldar	10 <sup>th</sup> Oct. 2006 to 31 <sup>st</sup> Dec. 2007
Prof. Asok Bhattacharyya	1 <sup>st</sup> Jan. 2008 to 3 <sup>rd</sup> Aug. 2008
Prof. P.B. Sharma	4 <sup>th</sup> Aug. 2008 to 22 <sup>nd</sup> July 2009



## 5. BOARD OF MANAGEMENT

1. The Vice Chancellor of the University (Ex-officio)
2. The Pro-Vice Chancellor of the University (Ex-officio) Member
3. Principal Secretary, Finance (Ex-officio) Member
4. Principal Secretary, Higher Education (Ex-officio) Member
5. Principal Secretary, Technical Education, (Ex-officio) Member
6. Prof. Parimal H. Vyas (Eminent Person) Member
7. Prof. I.K. Bhat (Eminent Person) Member
8. Prof. Rajeev Tripathi (Eminent Person) Member
9. A representative of an Industry Association Member
10. Dean (IRD), DTU Member
11. Dean Academic (UG), DTU Member
12. Prof. R.S. Mishra, Professor, DTU Member
13. Prof. Narendra Kumar (II), Professor, DTU Member
14. Registrar, DTU Member-Secretary



Shri Manish Sisodia,  
Hon'ble Deputy Chief  
Minister of Delhi viewing the  
models of New Academic  
Blocks, August 2019.



## 6. KEY FUNCTIONARIES (2020)

Name	Designation
<b>Prof. Yogesh Singh</b>	Vice Chancellor
<b>Prof. Ashutosh Trivedi</b>	Dean, Industrial Research & Development
<b>Prof. S.C. Sharma</b>	Dean, Academics (Postgraduate Studies)
<b>Prof. Madhusudan Singh</b>	Dean, Academics (Undergraduate Studies)
<b>Prof. S. Indu</b>	Dean, Student Welfare
<b>Prof. Vishal Verma</b>	Dean, International Affairs
<b>Prof. Samsher</b>	Dean, Continuing Education
<b>Prof. R.S. Mishra</b>	Dean, Extension & Outreach
<b>Prof. Rajesh Rohilla</b>	Dean, Alumni Affairs
<b>Prof. Narendra Kumar - II</b>	Dean, Student Discipline & Chief Warden
<b>Prof. Samsher</b>	Registrar
<b>Sh. Kamal Pathak</b>	Controller of Examinations
<b>Sh. R.K. Shukla</b>	Librarian, OSD (East Delhi Campus)
<b>Prof. S.G. Warker</b>	HOD, Applied Chemistry
<b>Prof. Sangita Kansal</b>	HOD, Applied Mathematics
<b>Prof. Rinku Sharma</b>	HOD, Applied Physics
<b>Prof. Jai Gopal Sharma</b>	HOD, Bio Technology
<b>Prof. Nirendra Dev</b>	HOD, Civil Engineering
<b>Prof. Rajni Jindal</b>	HOD, Computer Science & Engineering
<b>Prof. Rajan Yadav</b>	HOD, Delhi School of Management
<b>Prof. Ranganath M. Singari</b>	HOD, Design
<b>Prof. N.S. Raghava</b>	HOD, Electronics and Communication Engineering
<b>Prof. Uma Nangia</b>	HOD, Electrical Engineering
<b>Prof. S.K. Singh</b>	HOD, Environmental Engineering
<b>Prof. Nand Kumar</b>	HOD, Humanities
<b>Prof. Kapil Sharma</b>	HOD, Information Technology
<b>Prof. Vipin</b>	HOD, Mechanical & Production Engineering

Name	Designation
<b>Prof. R. C. Sharma</b>	HOD, University School of Management & Entrepreneurship, East Delhi Campus
<b>Prof. Rajesh Rohilla</b>	HOD, Training & Placement
<b>Prof. Naokant Deo</b>	OIC, B.Tech (Evening)
<b>Ms. Divya Narayan</b>	HOD, Computer Centre
<b>Prof. M.M. Tripathi</b>	Director, IQAC
<b>Prof. Rachana Garg</b>	Director, Equal Opportunity Cell
<b>Prof. Nirender Dev</b>	Director, HRDC
<b>Prof. Dinesh Kumar</b>	OSD (Recruitment)
<b>Prof. Raj Kumar Singh</b>	OIC, Workshop
<b>Prof. A.K. Gupta</b>	Chief Vigilance Officer
<b>Dr. Manoj Sharma</b>	Deputy Director (East Delhi Campus) & CEO, DTU, IIF
<b>Prof. Neeta Pandey</b>	Coordinator, TEQIP – III
<b>Sh. Rajesh Birok</b>	OIC, Health Centre
<b>Prof. Rajeshwari Pandey</b>	Associate Dean, Academics (Undergraduate Studies)
<b>Prof. S.G. Warker</b>	Associate Dean, Continuing Education
<b>Prof. Amit Srivastava</b>	Associate Dean, Extension & Outreach
<b>Dr. Ruchika Malhotra</b>	Associate Dean, Industrial Research & Development
<b>Dr. Rishu Chaujar</b>	Associate Dean, Academics (PG Studies)
<b>Dr. Ram Singh</b>	Associate Dean, Student Welfare
<b>Dr. Roli Purwar</b>	Associate Dean, International Affairs
<b>Dr. Yasha Hasija</b>	Associate Dean, Alumni Affairs
<b>Dr. Nitin Puri</b>	Security Officer & Transport Officer
<b>Sh. D.P. Dwivedi</b>	Consultant (Planning & Finance)
<b>Sh. A.K. Srivastava</b>	Director (Physical Education)
<b>Sh. Anoop Lather</b>	Consultant (Youth & Cultural Affairs) & PRO
<b>Sh. Bimal Jain</b>	Chief Project Officer / Estate Officer
<b>Sh. Nand Kishore</b>	Deputy Registrar (Finance)
<b>Dr. Ravinder Kaushik</b>	Deputy Registrar, Establishment, Legal, PIO

## 7. DTU CAMPUS INFRASTRUCTURE: LAND & BUILDING

Land Available	
Lush Green Campus on a plot of 163.87 Acres	

Total Area	Built-up	1,58,840.41 m <sup>2</sup> (70%)
Academic Area		69,146.03 m <sup>2</sup>
Hostel & Residential Area		89,694.38 m <sup>2</sup>
Green/Open		98,787.17 m <sup>2</sup> (15%)
Sports/Cultural		98,787.17 m <sup>2</sup> (15%)



### Major Facilities

- Well Equipped Library
- Central Workshop
- Computer Centre
- Health Centre
- Sports Facility
- Gymnasium & 2 Open Gyms
- Boys & Girls Hostels
- Dr. B.R. Ambedkar Auditorium
- Other campus amenities (Canteen, SBI Branch, Post Office, MTNL Exchange, Amul Kiosk, Nescafe Kiosk, Night Canteen)
- Transportation Facility
- Open Area Theatre
- DTU Studio

### ACADEMIC DEPARTMENTS

- Department of Applied Chemistry
- Department of Applied Mathematics
- Department of Applied Physics
- Department of Biotechnology
- Department of Civil Engineering
- Department of Computer Science & Engineering
- Department of Electronics & Communication Engineering
- Department of Environment Engineering
- Department of Electrical Engineering
- Department of Information Technology
- Department of Mechanical Engineering
- Department of Humanities
- Delhi School of Management
- Department of Design
- University School of Management & Entrepreneurship (East Delhi Campus)

## 8. ACADEMIC PROGRAMS

### *Undergraduate Programs*

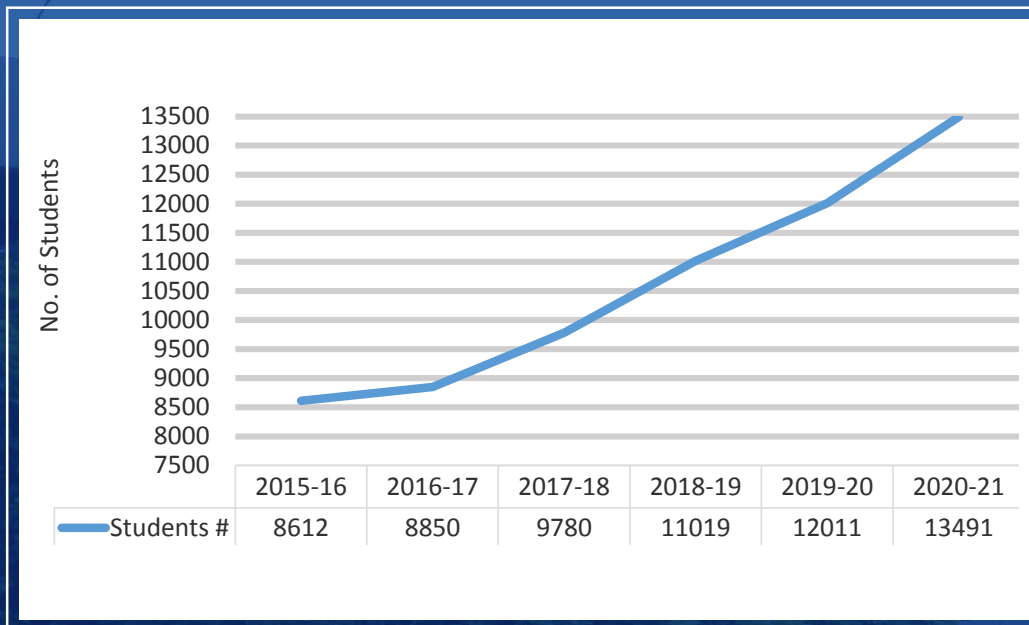
<b>BACHELOR OF TECHNOLOGY (B.TECH)</b>			
1	Mechanical Engineering	8	Computer Engineering
2	Electrical Engineering	9	Civil Engineering
3	Polymer Sc. & Chemical Tech.	10	Electronics & Communication
4	Software Engineering	11	Environmental Engineering
5	Production Engineering	12	Information Technology
6	Engineering Physics	13	Mathematics & Computing
7	Biotechnology	14	Automobile Engineering
<b>BACHELOR OF DESIGN (B. DES.)</b>			
<b>B.B.A. (East Delhi Campus)</b>		<b>B.A. Economics (Hons.) (East Delhi Campus)</b>	

### *Postgraduate Programs*

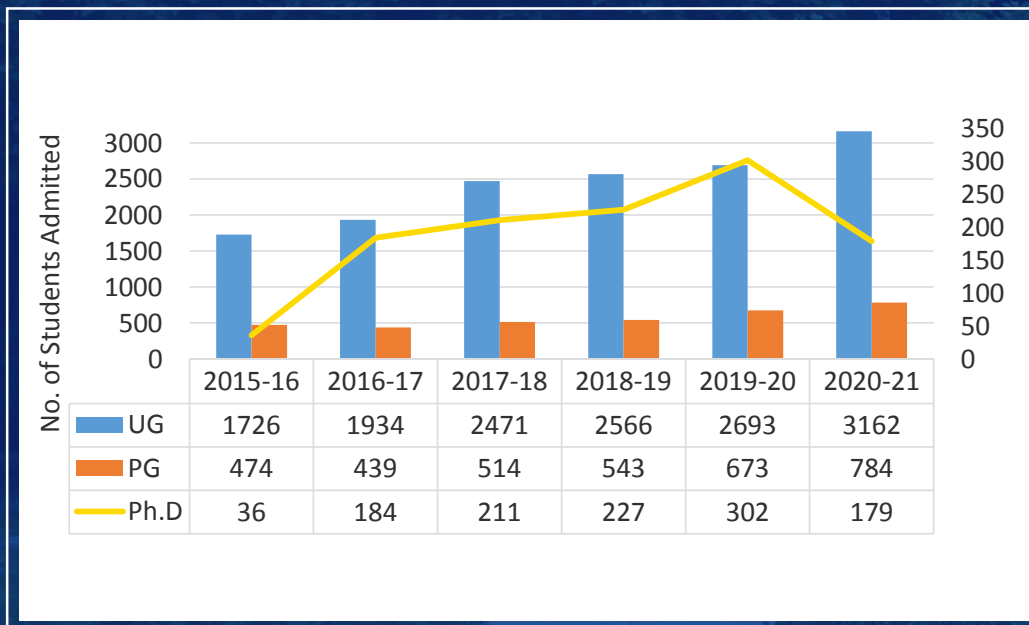
<b>MASTER OF TECHNOLOGY (M.TECH)</b>			
1	Software Engineering	11	Microwaves & Optical Comm.
2	Information Systems	12	Computer Science & Engg.
3	Nano-Science & Technology	13	Structural Engineering
4	Bio-Informatics	14	Thermal Engineering
5	Polymer Technology	15	Power Systems
6	Environment Engineering	16	Hydraulics & Water Resources
7	Production Engineering	17	Signal Processing & Digital Design
8	VLSI Design & Embedded System	18	Industrial Bio Technology
9	Control & Instrumentation	19	Power Electronics
10	Geotechnical Engineering	20	Geoinformatics
<b>MASTER OF BUSINESS ADMINISTRATION (MBA)</b>			
MBA (Both at Main & East Campus)			
MBA (Business Analytics) –East Delhi Campus			
MBA (Innovation, Entrepreneurship & Venture Development) –East Delhi Campus			
MBA Family Business & Entrepreneurship – East Delhi Campus			
<b>MASTER OF SCIENCE (M.Sc.)</b>			
Mathematics		Physics	Biotechnology
<b>Ph.D. PROGRAMS</b>			

## 9. STUDENTS INFORMATION AND ACADEMIC PERFORMANCE

### *Students Growth at the Campus*

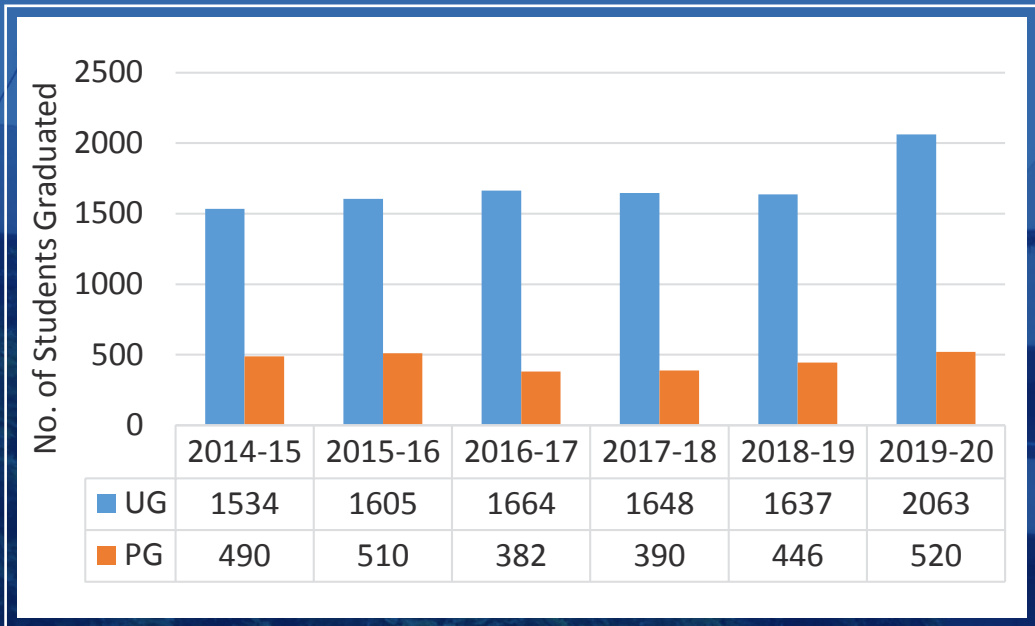


### *Growth in Number of Students Admitted in the University*

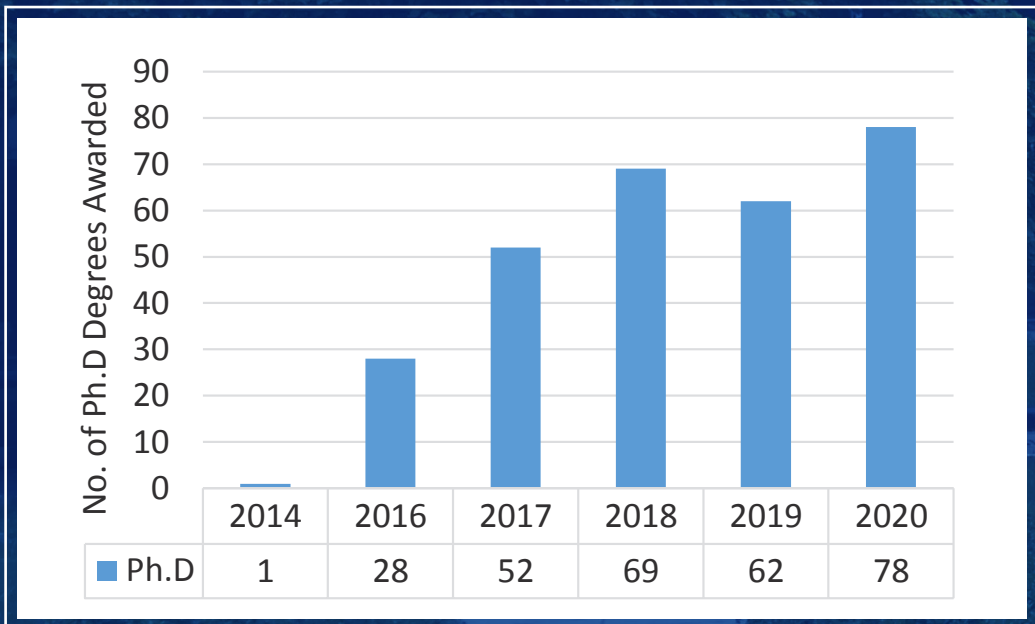


**No. of International Students: 591 from 40 different countries**

## Year-wise Number of Students Graduated from the University



## Number of Ph.D Degrees Awarded (As per convocation year)



### *Academic Performance of Students in B.Tech Program*

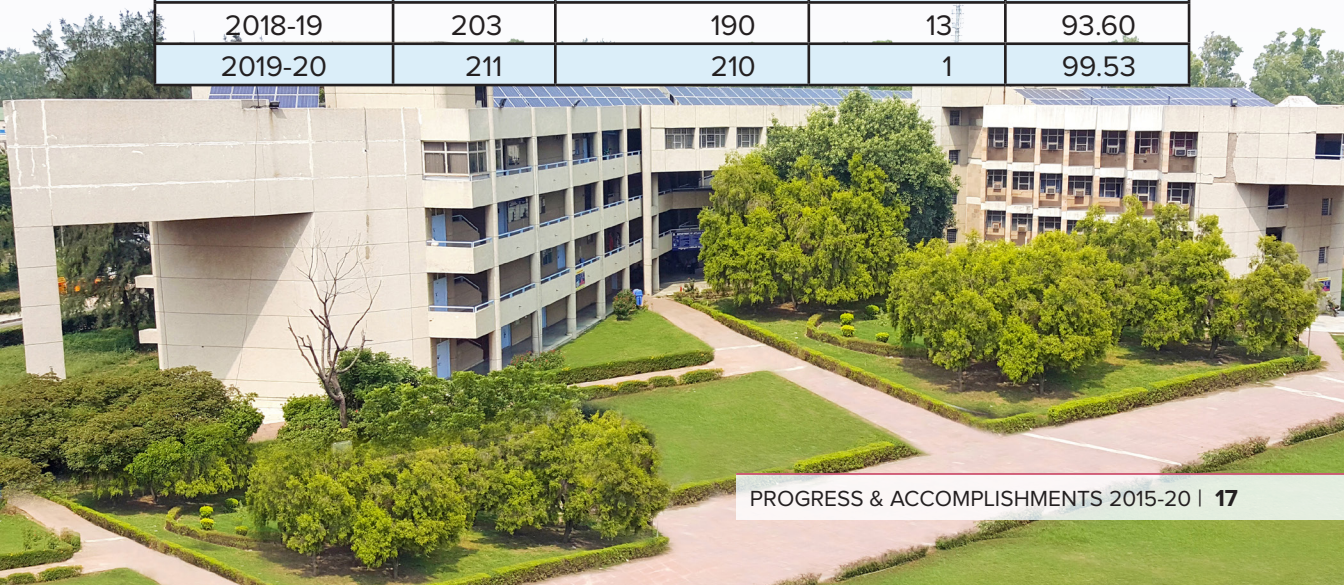
Year of Graduation	Total Appeared	Passed in all Subjects	Not Passed	Pass Percentage
2014-15	1504	1444	60	96.02
2015-16	1700	1630	70	95.89
2016-17	1696	1610	86	94.93
2017-18	1730	1599	131	92.43
2018-19	1717	1636	81	95.28
2019-20	1941	1885	56	97.11

### *Academic Performance of Students in M.Tech Program*

Year of Graduation	Total Appeared	Passed in all Subjects	Not Passed	Pass Percentage
2014-15	436	401	35	91.98
2015-16	450	381	69	84.67
2016-17	334	299	35	89.53
2017-18	270	238	32	88.15
2018-19	297	257	40	86.53
2019-20	291	283	8	97.25

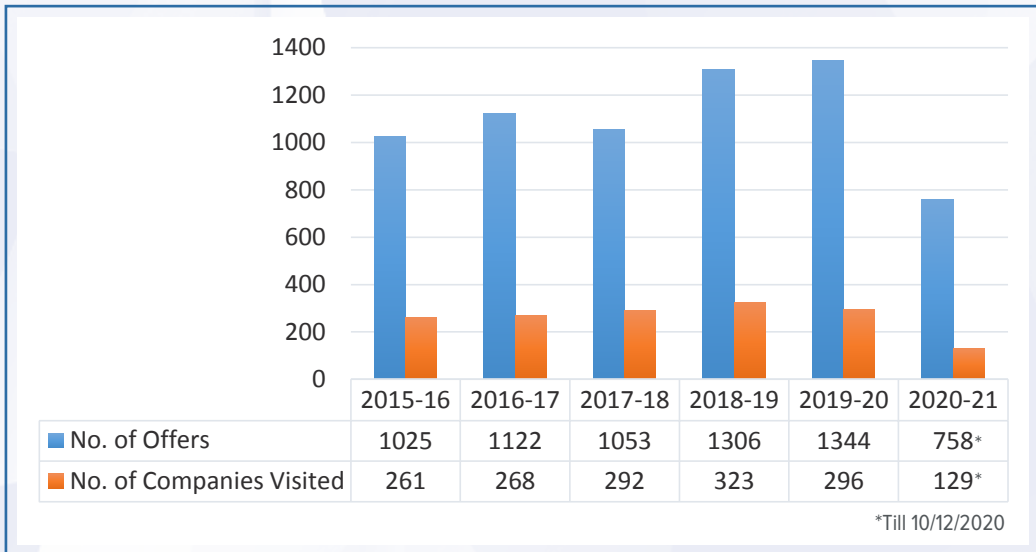
### *Academic Performance of Students in MBA & EMBA Program*

Year of Graduation	Total Appeared	Passed in all Subjects	Not Passed	Pass Percentage
2014-15	98	98	0	100.00
2015-16	105	104	1	99.05
2016-17	81	73	8	90.13
2017-18	115	101	14	87.83
2018-19	203	190	13	93.60
2019-20	211	210	1	99.53



## 10. PLACEMENTS

### Placement Data of B.Tech Program



### HIGHEST SALARY PACKAGE

2014-15	70 Lakhs per annum	EPIC
2015-16	1.27 Cr. per annum	Google
2016-17	1.25 Cr. per annum	Uber
2017-18	60 Lakhs p.a.	Bloomberg
2018-19	1.01 Cr. p.a.	Facebook
2019-20	1.07 Cr. p.a.	Amazon Ireland



**TOSHIBA**

**amazon**



**Microsoft**

**Adobe®**



**infi beam.com**

**Google**



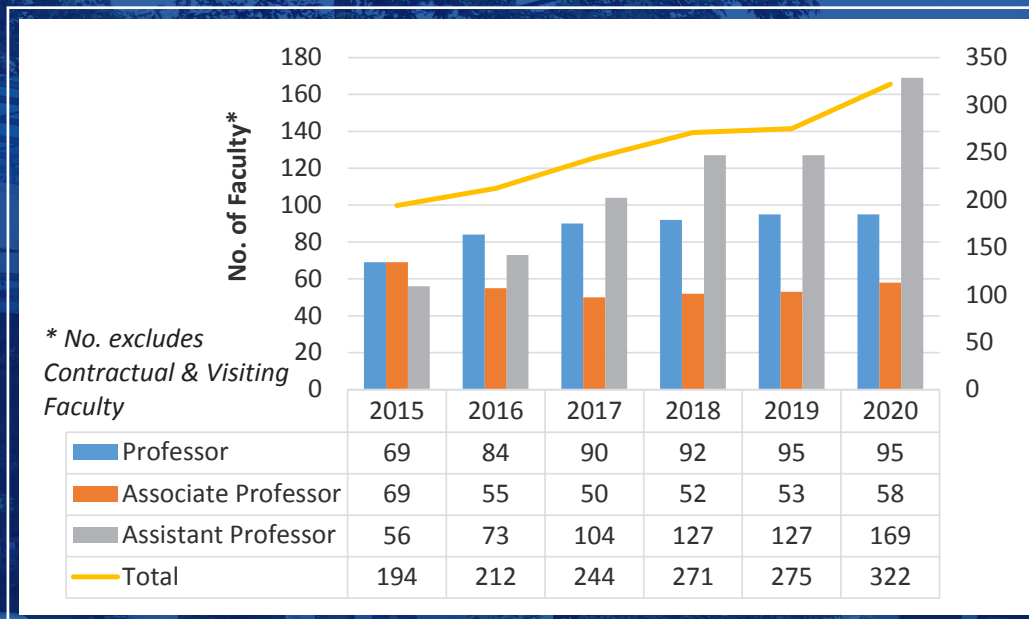
**citibank**

**SAMSUNG  
ELECTRONICS**



## 11. FACULTY

### Year-wise Number of Faculty at the University



### Faculty Promoted Under CAS

Year	Professor	Associate Professor	Asst. Prof. Stage 2	Asst. Prof. Stage 3	Total
2015	0	0	0	0	0
2016	0	25	61	17	103
2017	23	8	2	0	33
2018	13	6	1	3	23
2019	2	0	0	24	26
2020	0	0	0	7	7
<b>Total</b>	<b>38</b>	<b>39</b>	<b>64</b>	<b>51</b>	<b>192</b>

### Faculty Recruited

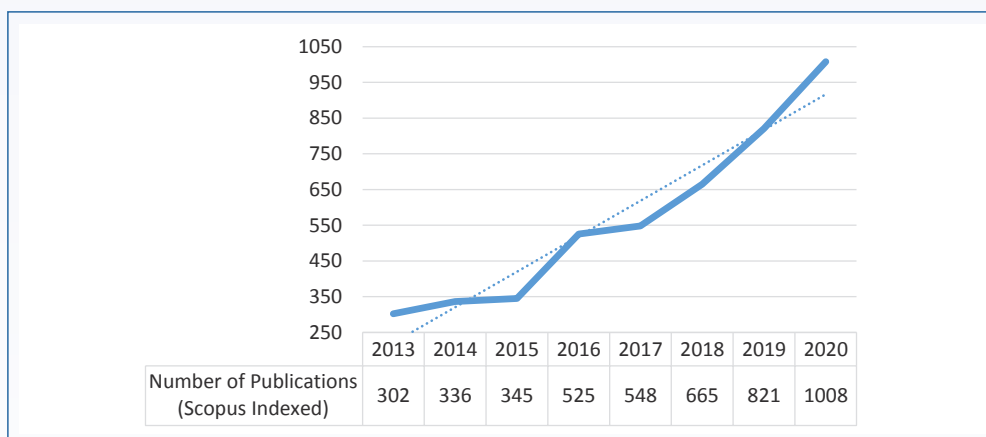
Year	Professor	Associate Professor	Assistant Professor	Total
2014	0	0	0	0
2015	0	0	0	0
2016	0	0	17	17
2017	0	0	28	28
2018	3	25	23	51
2020	0	5	46	51
<b>Total</b>	<b>3</b>	<b>30</b>	<b>114</b>	<b>147</b>

## 12. RESEARCH & INNOVATION

### *Thrust Areas of R&D at DTU*

- Biofuel and Clean Energy Technologies
- Data Mining and Machine Learning
- Future Automobile Solutions
- Metro Technology and Systems
- Nano Scale Devices and Biosensors
- Robotics and Machine Vision
- New and Smart Materials, Conducting Polymers
- Computer Aided Design
- VLSI Design and Embedded System
- Software Quality and Testing
- Intelligent Power Systems, Broadband on Power Lines
- Info Security and Network Management
- Knowledge and Innovation Management
- Socially Relevant Technologies

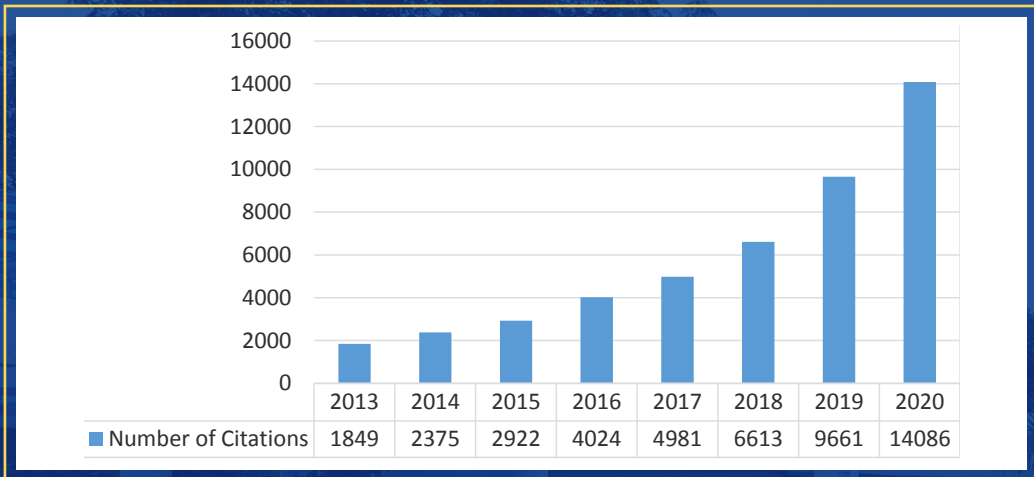
### *Year-wise Comparison of Scopus-Indexed Publications*



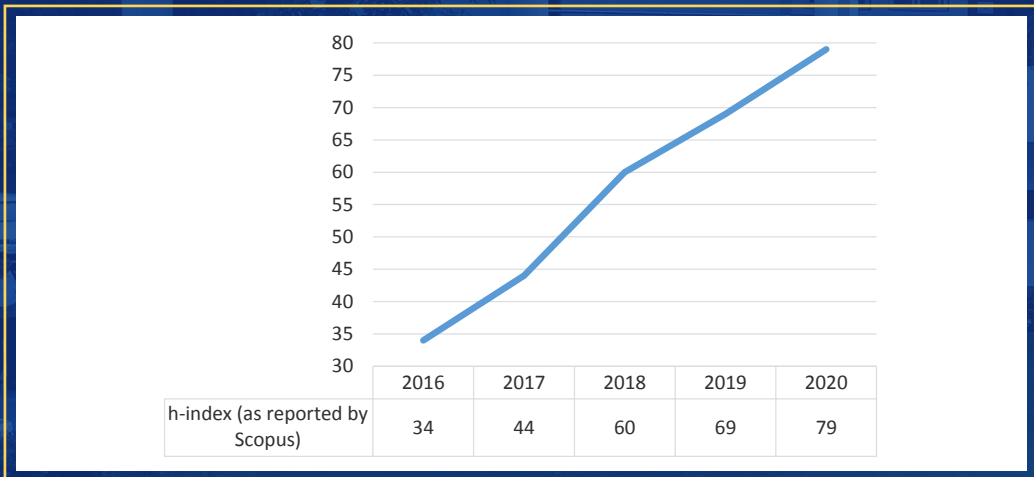
**Research Papers in Leading International Journals such as IEEE Transactions, Springer, Elsevier, Wiley and so on.**



## Citation Analysis of Publications (As per data collected from Scopus)



## Year-wise h-index of University (as reported by Scopus)



## Research Data

2015-20	Sponsored Research Projects	85
	Consultancy Projects	72
	No. of Patents Awarded/Published	17

## Major Funding Agencies of Sponsored Projects

1. Lockheed Martin
2. University Grants Commission
3. Department of Science and Technology
4. All India Council for Technical Education
5. Defence Research and Development Organisation
6. Ministry of Communications and IT
7. Department of Bio Technology
8. Indian Space Research Organisation
9. Global Innovation and Technology Alliance
10. Indian Council of Medical Research

### 13. FINANCIAL RESOURCES

University has well defined and documented delegation of financial power duly approved by Finance Committee and Board of Management

#### *Year-wise Budget Allocation*

(In Crores)						
	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
Grant-in-Aid	41.00	25.50	28.25	29.00	26.75	6.50+22.50
University Gen. Fund	61.52	71.75	77.38	110.50	125.50	135.00
Total	102.52	97.25	105.63	139.50	152.25	164.00
Expenditure	75.92	100.77	117.14	147.19	158.30	110.00

	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
Non Govt. Fund (Exp.)	6.05	9.69	21.55	28.00	62.00	24.39

\*(Upto 22.12.2020)

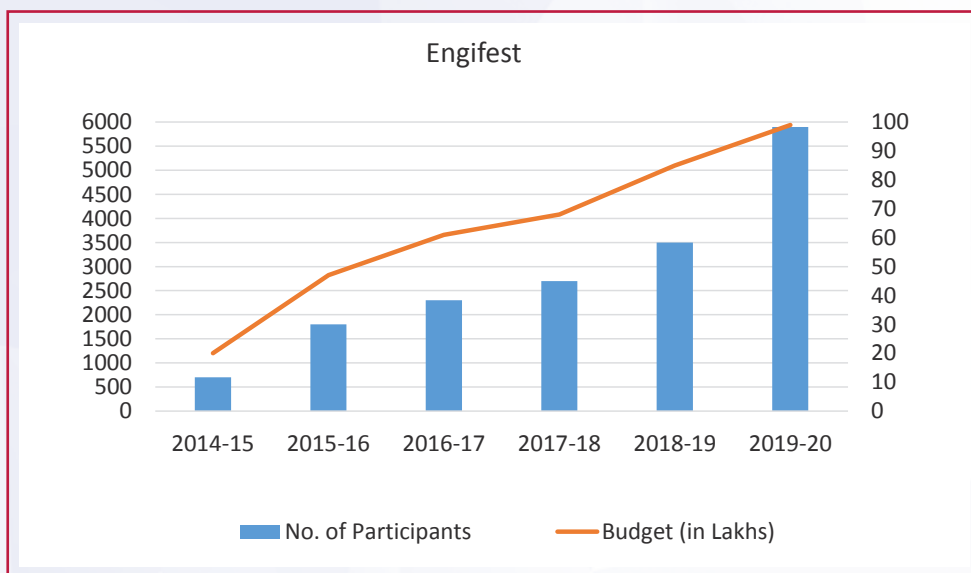


## 14. CULTURAL AND TECHNICAL FESTIVALS

The university annually organizes cultural and technical festivals. These festivals not just provide an opportunity to the students to connect with the professional world, but also display their creative and technical skills in several interesting events and activities organized during the fests. Engifest is the annual cultural extravaganza of the university and offers a good mix of literary, cultural, and entertainment events. Further, there are a series of professional societies including IEEE, IETE, CSI, SSE and others.



### Engifest Data for last Five Years



**No. of Attendees in Engifest: 50000 in 2016, 60000 in 2017, 80000 in 2018, reached over 100000 in 2019**



A national platform to invite the best intellectuals from the country

A vibrant literary culture will be established through this new annual fest.

Active Participation of 1500+ students received in 2019-20

## 15. MAJOR ACCOMPLISHMENTS (2015-20)

*Delhi Technological University has been Accredited (First Cycle) with a Cumulative Grade Point Average (CGPA) of 3.22 with 'A' Grade by National Assessment and Accreditation Council (NAAC)*

**New Campus in  
East of Delhi**

**13  
New Programs**

**Choice Based Credit  
System**

**Major and Minor  
introduced in  
B.Tech Scheme**

**Online Attendance  
Monitoring  
System**

**University Student  
Internship  
Program**

**2 Academic Blocks,  
2 Hostels and  
12 Smart Classrooms  
under Construction**

**ISO  
9001:2015  
Certification**

## Major Accomplishments (2015-20)

### *New Campus at East Delhi*

The DTU East Delhi Campus is second campus established by DTU in 2017 at Vivek Vihar of East Delhi. This campus has one (4 story building), two (2 stories) building and two (single story building). This lush green campus is dedicated and endeavours to provide quality education, research and innovation in the emerging areas of management, economics and entrepreneurship, relevant to industry and society and has host of sports and co-curricular activities infrastructure including state of art Auditorium of 400 seating capacity, a dedicated 'Corporate Resource Centre' for training and placement purpose, two state of art computer labs and campus wide dedicated wi-fi system, a fully equipped Medical centre including one of the best library having vast learning resources in area of management, economics and entrepreneurship and other related learning domains.

The University School of Management and Entrepreneurship (USME) was initiated at this campus with the view to fulfil this mission has helped create a multidisciplinary approach towards entrepreneurship, embedded in a management school, which would be able to leverage the rich and esteemed heritage of the DTU in the world of technology and best practices in higher education. The prime focus of the USME was on the introduction of new UG and PG programs in the emerging areas of management such as business analytics, entrepreneurship and family business, public policy and financial Markets etc. along with traditional undergraduate and postgraduate management programs. It aims to foster the educational ethos in its programs, of employability through industry relevant programs, on focussed domains of knowledge creation and innovation, through research and development.

### *Programs*

S. No.	Program	Intake
1	BBA	180
2	B.A. Economics (Hons.)	180
3	MBA	120
4	MBA Business Analytics	40
5	MBA Family Business and Entrepreneurship	40
6	MBA (Innovation, Entrepreneurship & Venture Development)	40

### *Centres of Excellence*

- i. Entrepreneurship Development
- ii. Innovation and Incubation
- iii. Organisational Development

### *Ph.D. in the following areas:*

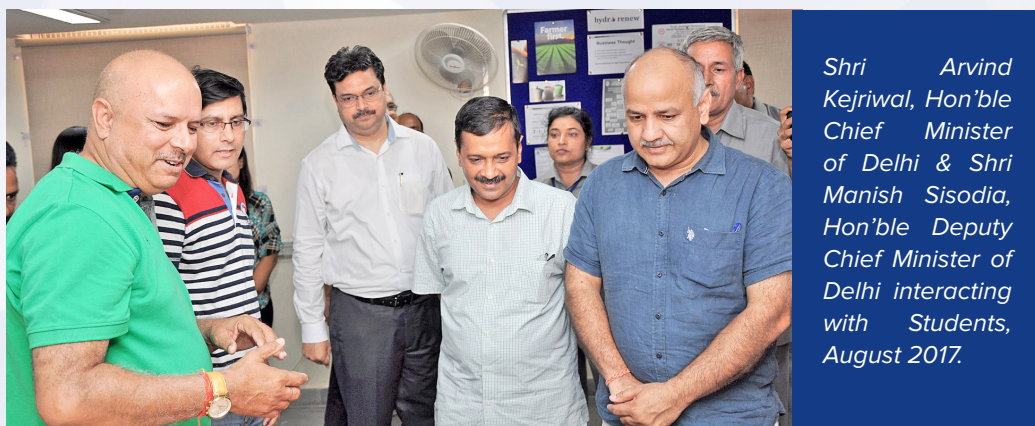
- i. Management
- ii. Economics
- iii. Innovation, Entrepreneurship & Venture Development

Total No. of Ph.D. Scholars: 21

## Major Accomplishments (2015-20)

### *DTU Innovation and Incubation Foundation*

DTU Innovation and Incubation Foundation established in 2017, pursuant to subsection (2) of section 7 of the Companies Act, 2013 and rule 8 of the Companies (Incorporation) Rules, 2014. It aims to create a culture of entrepreneurship, startups, and Intellectual Property Creation that leads to value creation, jobs and employment, and does social and economic good by creating a robust ecosystem.



*Shri Arvind Kejriwal, Hon'ble Chief Minister of Delhi & Shri Manish Sisodia, Hon'ble Deputy Chief Minister of Delhi interacting with Students, August 2017.*

### *List of Start-ups Incubated in the Campus*

S. No.	Start-up Name	S. No.	Start-up Name
1	Libellus Infomedia Private Limited (2017)	14	Legasci Creations Private Limited (2019)
2	Getwings Creative Lab Pvt. Ltd. (2017)	15	Oblivion Technologies Private Limited (2019)
3	Blackdoor Entertainment Pvt. Ltd. (2017)	16	JXR Technologies Private Limited (2019)
4	Super Hydro Particles Pvt. Ltd. (2017)	17	Hanusha Networks Pvt. Ltd. (2019)
5	Zefi Labs Private Limited (2018)	18	Zalvit Enterprises Private Limited (2019)
6	Ampereplus Pvt. Ltd. (2018)	19	Waaris Green Labs Private Limited (2019)
7	Trention Technologies Private Limited (2018)	20	Roadust Enterprises Private Limited (2019)
8	Ioteraction Technologies Services Private Limited (2018)	21	DSWM Labs Private Limited (2019)
9	Proxima Advertising Solution Private Limited (2018)	22	Seutus Waste Management Technologies Private Limited (2019)
10	Supremetestinglab & Forensic Evidence Protection Technology Private Limited (2018)	23	Retro Electric Private Limited (2019)
11	Bestbook Buddies Technologies Private Limited (2018)	24	Algosure Research LLP (2019)
12	Faucet Labs Private Limited (2019)	25	Primary Care Tech. Pvt. Ltd. (2020)
13	Projexel Technologies Private Limited (2019)	26	Raspil Private Limited (2020)



## Major Accomplishments (2015-20)

### *Department of Design*

Delhi Technological University has recently initiated design education in 2018 for humanizing technology through design and empowering mankind through designed technological development. Department of Design has been established to provide facilities for excellent design education, research and training to suit the needs of the society. It envisioned pursuing excellence in design thinking, design scholarship and Design practice for the betterment of society in a holistic manner.

The design discipline has its own building providing the creative ambience of design education. With spacious Studios, Research facilities, Workshops and State of the art facilities, it has enabled and empowered students to carve their area of specialization with confidence and competency. We are having and committed to build an excellent team of full time faculty and expert visiting faculty from academia and industry.

### *Current Programs*

#### **i. B. Des. (Bachelor of Design) Intake: 95**

- a. Visual Communication
- b. Product Design
- c. Interaction Design
- d. Fashion Design

#### **ii. M. Des. (Master of Design) Intake: 45**

- a. Visual Communication
- b. Product Design
- c. Interaction Design

#### **Ph.D. in Design**



## Major Accomplishments (2015-20)

### *Office of International Affairs*

The International Affairs (IA) office of the university is established in 2017 and has been assigned the responsibility of enhancing international research and academic collaboration, faculty and student exchange programs, establishing networking with reputed institutions, creating opportunity for our own faculty and students through creation of meaningful Memorandum of Understanding (MoUs), admission of foreign students and establishing brand DTU globally to name a few. The IA branch promote relationship between Foreign Universities/ Institution through signing of MoUs related to Faculty and student exchange programme and providing an opportunity to the foreign national students for study in DTU under UG/PG and Ph.D. programmes. The IA office is connected with the various Foreign Embassies and consulates in India to increase educational relationship between the DTU and foreign Universities.

### *Number of Foreign National Students Admitted*

Year	2017-18	2018-19	2019-20	2020-21
UG	14	141	168	172
PG	8	25	29	39
PhD	8	10	3	7
Total	30	176	200	218



## Major Accomplishments (2015-20)

### Recent List of International MoUs (2015-20)

Universitas Mercu Buana, Jakarta, Indonesia	2020	Technical University of Crete, Chania, Crete, Greece	2019
National Formosa University, Taiwan	2020	University of Transport Technology, Vietnam	2019
Universitas Wisnuwardhana Malang, Indonesia	2019	Nanjing University of Aeronautics & Astronautics, China	2019
University of Pesantren Tinggi Darul'ulum, Indonesia	2019	Mapua University, Philippines	2019
STIE Wilwatikta Surabaya, Indonesia	2019	Tashkent University of Information Technologies, Uzbekistan	2018
Dr. Soetomo University, Indonesia	2019	The Board of Regents of the University System of Georgia, USA	2018
Widya Kartika University, Indonesia	2019	University of Georgia, USA	2018
Sekolah Tinggi Teknik Malang (STTM), Indonesia	2019	College of Engineering, Texas A&M University, USA	2018
Universitas PGRI Adi Buana, Indonesia	2019	University of Houston, Texas	2017
STIKI Malang, Indonesia	2019	Northern Illinois University, USA	2017
STT Atlas Nusantara Malang, Indonesia	2019	Illinois Institute of Technology, USA	2017
University of Kanjuruhan Malang, Indonesia	2019	University of Alcala, Spain	2017
Balitar Islamic University, Blitar, East Java, Indonesia	2019	The University of South Florida, USA	2015
Mandala College of Economics (STIE Mandala) , Indonesia	2019	Lockheed Martin Corporation, USA	2015
Universitas PGRI Madiun, Indonesia	2019	Chaoyang University of Technology, Taiwan	2015
La Trobe University, Victoria, Australia	2019		



## Major Accomplishments (2015-20)

### *Extension and Outreach Activities*

The university has established Center of Outreach & Extension Activities in 2018. The Center of Outreach & Extension Activities aims to organize a variety of activities for promoting public awareness. The following are the schemes implemented at the university:

1. Implementing several projects and schemes, based on '**Social Entrepreneurship**'.
2. Setting up Unnati cafes in slums, which are fully equipped with required hardware & furniture, to provide digital services and impart **Digital Literacy. E-Waste Collection Drives** to use the discarded hardware for setting up of such cafes, after refurbishing them.
3. '**Digital Days**' in slums, with the aim of spreading awareness about Digital Literacy.
4. Setting up **water filtration units** in urban slums to supply clean water to local households at affordable rates.
5. **Health Camps** in slums to provide free medical check-up, diagnostics, and medical consultancy from doctors.
6. **Blood Donation Camp** in the college to raise over 100 units of blood.
7. **Organ Donation Drives** at various places to pledge people to donate organs.
8. **Cloth Donation Drive** in winter to those in need.
9. **Awareness Camps on Anti Depression & Thalassemia** in the college .
10. **Training Workshops for Acid attack survivors**, teaching them how to produce liquid dishwashing soap from waste cooking oil.
11. **Skill-building workshops for women** on screen printing in order to create and sell printed textiles to earn a livelihood.
12. Setting up the **composting unit** to recycle the biodegradable waste into useful manure for gardening and farming.
13. **Cleanliness Drives** in the vicinity of the college with an overall objective of **Swachh Bharat Abhiyan**.



Shri Arvind Kejriwal, Hon'ble Chief Minister of Delhi & Shri Manish Sisodia, Hon'ble Deputy Chief Minister of Delhi witnessing Tree Transplantation at DTU, September 2019.

## Awards and Recognitions

Name of the Activity	Name of the Award/ Recognition	Name of the Awarding government/ Recognized bodies	Year of Award
Enactus DTU	Enactus Nationals Semi- Finals	Enactus India	2019-20
Enactus DTU	Inter- College Innovation Challenge Finalists	Rajan Nanda Innovation lab by Escorts	2019-20
Enactus DTU	India's official entry to United Nations FAO forum on Agri-Food systems in kingdom of Saudi Arabia	Food and Agricultural Organization	2019-20
Enactus DTU	#Enactus Cares - Ideas for Impact Contest - Won Best Solution Award	Enactus India	2019-20
Enactus DTU	Enactus India Top 10 Teams	Enactus India	2018-19
Enactus DTU	Enactus World Top 12 World Water Race	Enactus World	2018-19
Rotaract Club of DTU	Most Innovative Project Award	Rotaract International District 3011	2018-19
Rotaract Club of DTU	DRR's Gratitude award	Rotaract International District 3011	2018-19
Rotaract Club of DTU	Best Rotaract Project in International Services	Rotary International 3011	2018-19
iSafe Championship	1 <sup>st</sup> Runners-up	MORTH/IIT Delhi	2018-19
Swachh Bharat Summer Internship	Winners	Swachh Bharat Abhiyan, Ministry of HRD	2017-18
Swachh Bharat Summer Internship	1 <sup>st</sup> Runners-up	Swachh Bharat Abhiyan, Ministry of HRD	2017-18
Academic Youth Convention – Photography Competition	Winners	NSS LSR	2017-18
Enactus India Nationals Competition	Finalist (Across the Nation)	Enactus India	2017-18
Enactus India Nationals Competition	First Prize (Represented India at World Cup in Mexico)	Enactus India, Enactus International	2013-14
Rotaract Global Model United Nations	Outstanding Project-International Service	Rotaract South Asia MDIO	2017-18
Rotaract Global Model United Nations	Governor's Platinum Award Best International Project-Aabhar	Rotary District 3011	2017-18
Rotaract Global Model United Nations	Thanksgiving Award-Shukran	Rotary District 3011	2017-18
Teachers Beyond Teaching	Thanksgiving Award-Shukran	Rotary District 3011	2017-18
Project LEAP (Prayas Juvenile Aid Center)	Thanksgiving Award-Shukran	Rotary District 3011	2017-18
Rotary Citation 2017	Token of recognition for the period 2017-18	Rotary International	2017-18
Social Service	Token of Recognition for Outstanding Contribution to the society	Rotary District 2011	2015-16

## Major Accomplishments (2015-20)

### Office of Alumni Affairs

### Total Amount given by Alumni 2017-19

Alumnus	Purpose	Amount (in Rs)	Year
Dr. Bhuvnesh C. Goswami	Scholarship	5 Lacs	2020
Sh. Manmohan Passi	Scholarship	7.3 Lacs	2020
Mr. Suraaj Bhatia & Mrs. Prem Bhatia	Scholarship	\$22000	2019
Prof. D. Yogi Goswami & Mrs. Karuna Goswami	Centre of Clean Energy	\$100,000	2019
Mr. D. P. Garg (INDO Count Foundation)	Donation	5 Lacs	2019
Mr. Santosh Kumar Garg	Donation for Medal	5 Lacs	2019
Mr. Ashok Puri	Donation	2 Lacs	2019
Mr. M. L. Gehani	Donation	1 Lacs	2019
Mr. Jaigopal Gupta	Donation	1 Lacs	2019
1959 Delhi Polytechnic Alumni Batch	Donation	21 Lacs Approx.	2018
Mr. Kulwant Singh Sobti	Donation	0.51 Lacs	2019
Dr. Raj Soin	Raj Soin Hall	5 Crores	2018
Dr. Durga Das Agarwal	Donation	7 Lacs approx	2018
Mr. Vijay Nangia	Donation for Medal	3.5 Lacs approx	2018
Mr. V. K. Jain	Donation	0.11 Lacs	2018
Dr. Durga Das Agarwal	Donation	3 Lacs approx	2017

### Recent Activities of Alumni Office

1. North America DCE-DTU Alumni meet at San Francisco, 2nd North America DCE-DTU Chapter meet, February 2018, USA.
2. Annual alumni meet 2018, Indian Habitat Center, New Delhi, March, 2018.
3. Golden and Silver Jubilee meet 2018, Air force Auditorium, New Delhi, March 2018.
4. Overseas Invited Lecture series-1 (Department of Biotechnology), Prof. Ashok Kumar, University of Louisville, Kentucky, USA, March 2018.
5. Overseas Invited Lecture series-2 (Department of Biotechnology), Prof. Anil Kumar Chauhan, University of Iowa, USA, March 2018.
6. Alumni get together meet, Florida, USA, June 2018.
7. MoU Agreement for Raj Soin Hall, September 2018.
8. Overseas Invited Lecture series-3, Prof. Hitesh Handa, Prof. Mark Eiteman and Prof. James Warnock University of Georgia, September 2018.
9. MoU Agreement with University of Georgia, Athens, October 2018.
10. Bangalore DTU chapter Meet, December 2018.
11. Homecoming meet for Golden and Diamond Jubilee batches, February 2019.
12. Annual DCE DTU Meet at Delhi, March 2019.
13. Alumni visit of 1974 batch, July 2019.
14. Homecoming meet for Golden Jubilee batches, January 2020



# Major Accomplishments (2015-20)

## New Course Curriculum

### Choice Based Credit System

Foundation Core Courses

Foundation Elective Courses

Departmental Core Courses

Allied Engineering Courses

Departmental Elective Courses

University Elective Courses

Industrial Training & Projects

## Key Features

Broad-based, flexible education system and at par with global standards.

### Foundation Elective Courses

- Entrepreneurship Development
- Skill & Capability enhancement courses
- Personality development courses
- Extra curricular activities related courses
- Ethics and values related courses
- Foreign & Indian language related courses
- Sport related courses

### Departmental Elective Courses

- Student can select course from any department/discipline
- MOOCs

### New Tracks

- Research Track
- Product Track
- Entrepreneurship Track



## Major Accomplishments (2015-20)

### Minor in B.Tech Programs

A major is the discipline to which a student is admitted to obtain his/her degree which is his/her primary field of study. The Minor is a secondary area of study opted by a student which may be either from his /her own discipline or any other discipline. The introduction of Minor will enhance the knowledge base and employability of the students.

Every UG student shall have the option to do a Minor along with his/her major discipline of study. A student who is keen to broaden his/her knowledge in a specific discipline can choose Elective Courses to fulfil the requirements of the Minor offered in that opted discipline. Alternately, a student may opt a Minor offered by his/her own discipline of study to gain in-depth knowledge in any emerging area of that discipline.

S. No	Department	Minor
1	<b>Civil Engineering</b>	Civil Engineering
2		Sustainable Infrastructure
3		Disaster Mitigation and Management
4	<b>Applied Chemistry</b>	Chemical Engineering
5		Polymer Technology
6		Petrochemical Engineering
7	<b>Applied Mathematics</b>	Mathematics & Computing
8		Industrial Mathematics
9		Computational Intelligence
10	<b>Computer Science &amp; Engineering</b>	Computer Engineering
11		Software Engineering
12		Machine Learning
13		Data Analytics
14	<b>Mechanical Engineering</b>	Production Engineering
15		Automotive Engineering
16		Energy Technology
17		Operations and Supply Chain Management
18		Design and Automation Engineering
19		Environmental Engineering
20		Environmental Remediation & Control
21		Sustainability and Environmental Management
22	<b>Applied Physics</b>	Engineering Physics
23		Material Science & Engineering
24		Photonics



S. No	Department	Minor
25	<b>Electrical Engineering</b>	Electrical Engineering
26		Machine Learning for IOT Systems
27		Major: Electrical Engineering Power Electronics and Renewable Energy Systems
28	<b>Electronics and Communication Engineering</b>	Electronics and Communication Engineering
29		VLSI Design
30		Major: Electronics and Communication Engineering Signal Processing & Machine Intelligence
31	Advanced Communication Systems	
32	<b>Environment Engineering</b>	Environment Engineering
33		Sustainability and Environment Management
34		Major: Environment Engineering Environmental Remediation and Control
35	<b>Biotechnology</b>	Biotechnology
36		Biological Computing
37		Major: Biotechnology Public Health
38	<b>Information Technology</b>	Information Technology
39		Cyber Forensics & Cyber Laws
40		Major: Information Technology Artificial Intelligence and Machine Learning
41	<b>Delhi School of Management</b>	Operations & Supply Chain Management
42		Marketing Management
43	<b>Humanities</b>	Economics
44		English
45	<b>Design</b>	Animation and Game Design
46		Industrial Design

## New Programs

### Undergraduate Programs

- i. Bachelor of Business Administration (BBA)
- ii. B.A. Economics (Hons.)
- iii. Bachelor of Design (B. Des.)

### Postgraduate Programs

- i. M.Tech in Artificial Intelligence
- ii. M.Tech in Power Electronics
- iii. MBA Business Analytics
- iv. MBA Family Business and Entrepreneurship
- v. MBA Innovation, Entrepreneurship & Venture Development
- vi. Master of Design (M. Des.)
- vii. Master of Science (M.Sc.)
  - a. Physics
  - b. Chemistry
  - c. Mathematics

## Major Accomplishments (2015-20)

### Research Initiatives

Policies framed for promotion of research at Industrial Research Development (IRD) Division

1. **Office of Research Integrity** has been established keeping in view the importance of creating awareness on research integrity & plagiarism and to set standards for research ethics.
2. **Research Policy** has been designed to promote industrial research, IPR, incubation and development. The policy has been formulated with an objective of setting the direction and standards of research in addition to assurance of quality and ethics in the process.
3. **Guidelines of Research Excellence Award to the Researchers:** The cash awards are given to researchers in the recognition of importance of the published research work and to motivate the individual excellence in research.
  - a. Outstanding Research Award (Cash Prize INR 5,00,000/-)
  - b. Premium Research Award (Cash Prize INR 1,00,000/-)
  - c. Commendable Research Award (Cash Prize INR 50,000/-)

Year	2017	2018	2020
Researchers Awarded	103	152	155
SCI/SCIE Publications Awarded	82	107	116
Award Amount (in Lakhs)	37	43.41	45.6



## *Research Initiatives*

4. **Research Project Grant to the faculty:** The focus of the university is to promote teaching and research in emerging areas of science, engineering, management and allied areas. These disciplines need to be studied and researched in a more organized manner. Although, there are various government schemes and agencies, the university aims to support an individual in specialized areas in order to promote excellence in research in higher education. 16 projects amounting to Rs. 65.46 Lakhs have been granted to faculty by Delhi Technological University in the year 2019.
5. **Progress linked award of DTU Teaching and Research Fellowship to the Ph.D. Students:** This policy will enable fellowship enhancement of the Ph.D. students on the basis of publications in reputed and high quality journals.
6. **Guidelines for Direct Admission to Ph.D. Program for DTU full time M.Tech students:** The students who have been admitted to the full time M.Tech program in Delhi Technological University (DTU) may seek to extend to the Ph.D. program after the evaluation of M.Tech dissertation and successful completion of M.Tech program.
7. **Guidelines for Working with Industry for Faculty:** With aim to promote industry collaboration and interaction of faculty for mutual collaboration benefits, this policy has been framed to permit the faculty to collaborate with reputed industries. The goal of the university is to provide exposure to its faculty to the world's best industries and establish industry-academia and industry-research relationships while keeping intact the university's mission of education and research.
8. **Research Work Course of B.Tech Curriculum:** In the view for promoting research work at B.Tech program in 5<sup>th</sup> semester, this elective has been added in the curriculum. The research experience at the undergraduate level will not only allow the student to learn content, but they will also learn how knowledge is created in a particular discipline. The aim of the course is to promote and recognize published research work at the undergraduate level. Hence, the outcome of the course will be a publication in a reputed journal.
9. **Guidelines for Consideration of Publications in B.Tech/M.Tech Major Project:** The research work has been given importance and a grade award criterion based on publications is framed to be followed while evaluating the major projects.

## Major Accomplishments (2015-20)

### Faculty Centric Policies

- **New Pension Scheme** implemented w.e.f AY 2018
- Teaching positions **posts sanctioned** and approved by Delhi Government
- **Professional Development Fund Grant** to faculty:
  - Initial grant of 2 Lacs for faculty creation
  - 2 Lacs grant in every three years for attending conferences, workshops and training programs.
- **Career Advancement Scheme** done on continuous basis.
- Awards for Excellence in Teaching
- Institution of Adjunct Professorship & Professor for lifetime
- Constitution of **Research Project Grant** to the faculty of Delhi Technological University. 16 projects amounting to Rs. 65.46 Lakhs have been granted to faculty by Delhi Technological University in the year 2019.



1<sup>st</sup> Teaching Excellence Awards 2020



Shri Manish Sisodia, Hon'ble Deputy Chief Minister of Delhi laying Foundation Stone of New Academic Blocks and Hostels, August 2019.



Delhi Technological University

Formerly Delhi College of Engineering

## Major Accomplishments (2015-20)

### Infrastructure – Current Progress

- Construction work of Two new academic blocks (multi-storeyed) and Three hostel blocks (multi-storeyed) will be completed by July 2021:
  - Fund of Rs. 291.88 crore approved by Delhi Government.
  - It will provide the academic infrastructure for 3000 students.
  - This will accommodate an additional 666 girls and 333 boys.
- Renovation of New campus at East Delhi has been completed.
- New building for Delhi School of Management.
- Multi-purpose Hall to accommodate 3,500 persons at a time is under construction and is likely to be completed by March, 2021.
- New Building for Department of Design.
- Double storeyed Faculty Blocks for 76 faculty offices.
- Double storeyed Class room (12 Nos.) block.
- Indian Flag Mast of 131 feet height has been installed in the lawn of DTU Campus.
- Establishment of Sewerage Treatment Plant (STP) – Waste on Bio-Filter having capacity of 1 M.L.D. (Million Litre per Day).
- Establishment of Waste to Energy Plant (WTE) of 1TPD (tonne per day).
- Water supply at DTU campus from Delhi Jal Board w.e.f. August 2020.
- Pragyan and Vigyan Hall has been developed for meetings and conferences.
- Sports facility has been upgraded and additional sports activities have been added.
- Creche facility has been constructed and developed for the staff of university.
- Solar Power Plant of capacity 432 Kwp has been installed for power generation at DTU Campus and it is best in terms of technological parameters currently available commercially as per MNRE guidelines.
  - The plant is installed at roof top and it covers an area of 7050 Sq mtrs.
  - The plant through LT power feeds to electrical, electronics, mechanical, science and civil blocks of the campus.
- Many other projects like Provision of lifts in Class rooms/faculty blocks and Staff quarters, Gymnasium hall, Research Centre, multi facility block at East Campus etc. are in planning stage.



**Shri Anil Bajjal, Hon'ble Lieutenant Governor of Delhi and Chancellor of DTU** inaugurating 131 feet Indian National Flag, December 2019,

## Major Accomplishments (2015-20)

### TEQIP-III & GIAN

The university has been granted with the Technical Education Quality Improvement Programme (TEQIP) project. The TEQIP-III Project started in DTU in July 2017.

The main objectives of TEQIP-III Project at DTU are:

- Strengthening PG education, research, and innovation.
- Industry partnership in education and research.
- Building quality faculty capacity – the faculty is “inspired to teach and driven to research.”

The project provides funds to faculty and students to organize and attend various faculty development programs, seminars, and conferences.

The university organizes GIAN Courses by inviting internationally-renowned faculty to deliver short-term courses with an aim to boost higher education in the campus. The lectures have been delivered by International faculty including Prof. Subhash C. Sarin, Virginia Tech, USA; Dr. Sanjay Kumar Shukla, Edith Cowan University, Australia; Prof. Saifur Rahman, Virginia Tech, USA; Dr. Mohamad Sawan, Polytechniques Montreal, Canada; Prof. Elias Strangas, College of Engineering, Michigan State University, USA; Prof. Miguel Angel Sotelo, University of Alcalá, Spain and many others.



*GIAN Program being inaugurated by Prof. Yogesh Singh, Vice Chancellor, DTU, August 2016.*

## Major Accomplishments (2015-20)

### *Department of Physical Education & Sports*

Physical education & sports play vital role in achieving the aims and objectives of Education. The aim of the department is to provide students of DTU with excellent facilities and encourage them to take part in the tournaments and competitions held in the country.

#### University is having (Outdoor Facilities):

- 450 m. track, ground for Football, Hockey, Cricket
- Two courts for Volleyball (2)
- Two courts for Basketball (2)
- Three courts for Tennis and five courts for Badminton

#### Indoor Facilities

- Badminton courts (03) Table Tennis rooms (5), Chess Rooms, Carrom Rooms

#### Special Gymnasium Facilities:

- Tread Mill
- Multi-Gym
- 3 open Gyms

#### Recent Developments

- In 2017, basketball court, tennis court and volleyball court have been reconstructed.
- A new fest, AAHVAAAN has started w.e.f. 2017.
- Cricket ground maintenance is done and cricket practice nets have been installed.
- A new indoor hall for table tennis and badminton has been opened.
- In 2018-19, 8 new coaches (Athletics: 01, Cricket: 01, Badminton: 01, Kabbadi: 01, Football: 01 & Volleyball: 03), 1 Gym trainer and two grounds men have been appointed.
- Sports course first time started in the university in the academic session 2018-19 for the students of DTU with two credits for each semester.



## Major Accomplishments (2015-20)

### *Centers and Offices Established*

#### **Intellectual Property Right Cell**

Intellectual Property Right (IPR) Cell was constituted on June 2017 and reconstituted on February 2018 under IRD. The IPR cell facilitates protection of the right of the Inventor(s) of the university i.e. faculty /students/ project staff/ supporting staff/ visitors of university through the option of Intellectual property on a novel work. IPR cell provides platform to the inventor of the Delhi Technological University (DTU) to protect their “knowledge assets”. The purpose of the cell is to preserve the interest of DTU and make aware the DTU fraternity about the knowledge asset and its impact on the society.

#### **Centre for Value based Education**

The Centre for Value based Education is established in December 2017. 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 as professional.

#### **Equal Opportunity Cell**

The Equal Opportunity Cell is set up in the year 2018 with the aim to assist and counsel the students belonging to deprived sections including the scheduled castes, scheduled tribes, women, persons with disabilities, etc. pursuing various programs of studies at the University.

#### **Multidisciplinary Centre for Geoinformatics**

A Multidisciplinary Centre for Geoinformatics (MCG) is established in March 2019 with the vision to be a world class multidisciplinary centre in the field of Geospatial and Geoinformatics education, research and consultancy.

#### **Human Resource Development Centre**

HRDC has been established in January 2019 and aims to upgrade and enhance the skills and knowledge of faculty at DTU. It is focused to the crucial development of quality ensured delivery of education to continuous knowledge up-gradation, capacity building and motivation of teachers for accepting challenges arising from new research and advancement in technology and recent trends of breaking barriers of subject related to science and technology.

#### **Office of Outreach & Extension Activities**

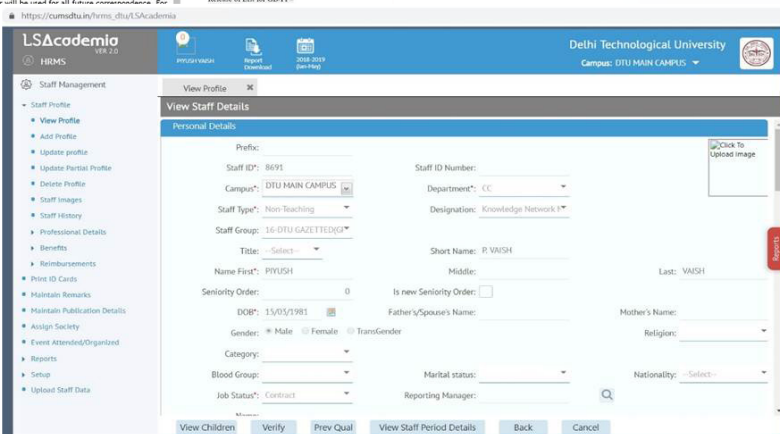
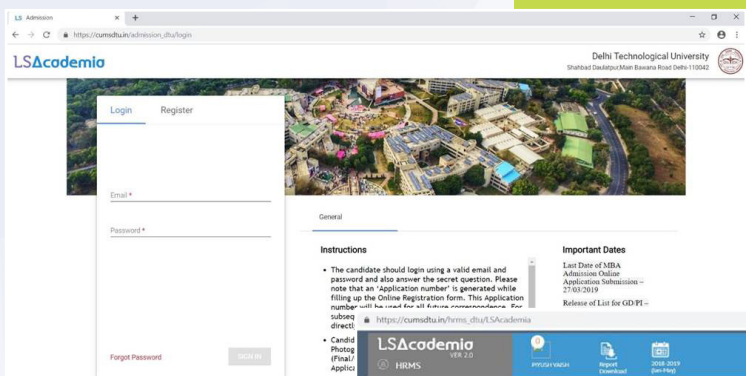
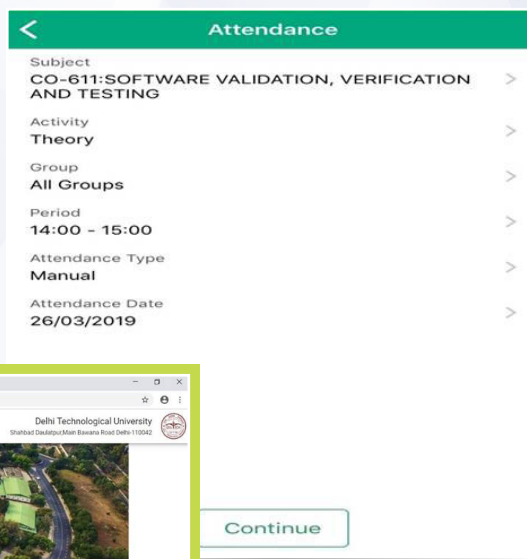
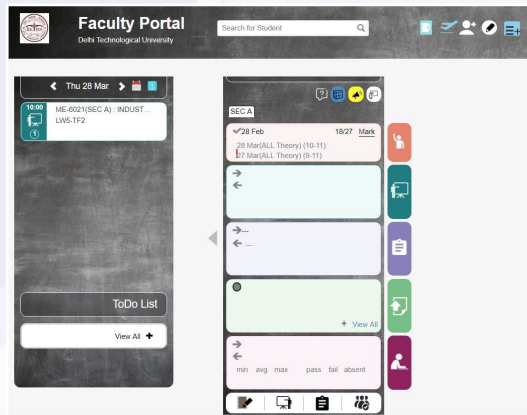
It started in February 2018 with an aim to organize a variety of activities for promoting public awareness. The role of the centre is to extend knowledge and other institutional resources to the community and vice-versa and to gain insights from a contact between knowledge resources and socio-cultural realities with a view to reflecting these in the entire curricular system of higher education including teaching and research. Recently DTU has adopted five villages in the university vicinity under Unnat Bharat Abhiyan.



# Major Accomplishments (2015-20)

## ERP SYSTEM

- Course Registration by Students
- 100% automation of Examination Management System (EMS). Following functions are automated:
  - Preparation of Date Sheet and Exam Seating Plan
  - Issue of Admit Cards after obtaining Student Feedback
  - Recommendations of BOS and appointment letters to paper setters and examiners
  - Marks-entry by the examiners
  - Preparation of Results
  - Printing of Mark sheets and degree
  - Bill Processing
- Online attendance system



## *Our Distinguished Alumni*

- **Shri Vinod Dham:** 1971 EC, The Designer of Pentium Chip.
- **Shri Raj Soin:** 1969 Mech., Chairman, Soin International, USA.
- **Shri Ajoy Choudhury:** 1958 Architecture, Eminent Architect
- **Prof. Bhuvnesh Goswami:** 1959 Textile, Distinguished Alumni Professor, University of Clemson, USA.
- **Dr. Durga Das Agrawal:** 1967 Mech., President & CEO, Piping Tech. & Products, Houston.
- **Prof. Yogesh Goswami:** 1969 Mech., Distinguished Professor of Solar Energy, University of Florida, USA.
- **Shri Arun Goyal:** IAS, Secretary (Coordination) Cabinet Secretariat, Rashtrapathi Bhavan, New Delhi.
- **Shri K.L. Chugh:** 1960 Mech, Chairman Emeritus, ITC Ltd.
- **Shri Vijay Shekhar Sharma:** Founder Paytm
- **Shri A.K. Puri:** 1975 Mech., Former CMD BHEL
- **Shri Sanjeev Ahuja:** Chairman, Orange SA.
- **Shri Ashwani Kumar:** CMD, Bharat Electronics Ltd.
- **Shri Anil Sardana:** Chairman, Tata Power Ltd.
- **Shri A.K. Purwaha:** CMD, Engineers India Ltd.
- **Group Captain R.S. Bhola:** Olympic Winner
- **Shri Karnal Singh:** Special Director, Enforcement Directorate, Government of India
- **Shri Ashok Kumar Gupta, IAS:** Chairperson, Competition Commission of India
- **Shri Vijay Kumar, IAS: Principal Secretary** to Hon'ble Lieutenant Governor of Delhi
- And many more.....



## STRATEGIC PLAN 2019-2030

### Education



- Increase student strength from 11000 to 20000.
- Increase UG & PG programs.
- Increase DTU Ph.D fellowships from 300 to 1000.
- Increase University student internships from 200 to 1000.
- Increase female students from 15% to 30%.

### Research



- Creation of new Centres of Excellence: Clean Energy Technologies, Storage Technology and Machine Learning.
- Every faculty will have a research laboratory & research project.
- increase number of Ph.D scholarship.
- Invest 25% of revenue on research each year.

### Innovation & Entrepreneurship



- Increase number of start-up companies from 19 to 100.
- Establish a Technology Park of 50 companies.
- Increase consultancy income from Rs. 10 crores to Rs. 50 Crores.
- Invest Rs. 10 crore per year in Innovative Projects.
- Establish 10 successful companies from incubator.

### Infrastructure



- Complete Stage-II, Phase-II construction of Rs. 1000 Crores.
- Invest in IT infrastructure from Rs. 1 Crores to Rs. 10 crores every year.
- Provide 100% ICT enabled services.
- Invest 15 crores every year for library resources.

### Finance



- Increase the annual recurring expenditure.
- Increase the annual expenditure of university.
- Implement pre-audit system.
- Increase the contribution from alumni from Rs. 7 crores to Rs. 100 crores.

# DTU RANKINGS 2020




## TIMES TOP 155 Engineering Institute Rankings 2020

Optimal Media Solutions

Partnered with Market Xcel Data Matrix to conduct its sixth Engineering Institute 2020 survey to determine the top engineering institutes in India.

RANK	ENGINEERING INSTITUTES
1	<b>DELHI TECHNOLOGICAL UNIVERSITY, DELHI</b>
2	Birla Institute of Technology and Science, Pilani
3	SRM Institute of Science and Technology, Chennai
4	National Institute of Technology Karnataka, Surathkal, Mangalore
5	Indian Institute of Technology, Bhubaneswar
6	College of Engineering, Pune
7	PSG College of Technology, Coimbatore
8	BMS College of Engineering, Bengaluru
9	Institute of Technology, Nirma University, Ahmedabad
10	Koneru Lakshmaiah Education Foundation (KLEF) Deemed To Be University, Vijayawada
11	Sathyabama Institute of Science & Technology, Chennai
12	Nitte Meenakshi Institute of Technology, Bangalore
13	Institute of Engineering & Management (IEM), Kolkata
14	KJ Somaiya College of Engineering, Mumbai
15	MIT World Peace University (Faculty of Engineering and Technology), Pune
16	Faculty of Engineering & Technology (Manav Rachna International Institute of Research & Studies), Faridabad
17	JIS College of Engineering Kalyani West Bengal
18	Bharati Vidyapeeth (Deemed To Be University) College of Engineering, Pune
19	Vishwakarma Institute of Technology, Pune
20	REVA University, Bengaluru



## DELHI TECHNOLOGICAL UNIVERSITY



## INDIA TODAY RANKING 2020

### TOP 10 INDIA'S BEST TECHNICAL UNIVERSITIES

- 1 INDIAN INSTITUTE OF TECHNOLOGY DELHI, *New Delhi*
- 2 INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR, *Kharagpur*
- 3 INDIAN INSTITUTE OF TECHNOLOGY BOMBAY, *Mumbai*
- 4 INDIAN INSTITUTE OF TECHNOLOGY GUWAHATI, *Guwahati*
- 5 **DELHI TECHNOLOGICAL UNIVERSITY** *New Delhi*
- 6 INDIAN INSTITUTE OF TECHNOLOGY MANDI, *Mandi*
- 7 BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE, *Pilani*
- 8 INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR, *Bhubaneswar*
- 9 INTERNATIONAL INSTITUTE OF INFORMATION TECHNOLOGY HYDERABAD, *Hyderabad*
- 10 INTERNATIONAL INSTITUTE OF INFORMATION TECHNOLOGY BANGALORE, *Bengaluru*

### TOP 10 GOVERNMENT COLLEGES

- 1 INDIAN INSTITUTE OF TECHNOLOGY (IIT)-DELHI *New Delhi*
- 2 INDIAN INSTITUTE OF TECHNOLOGY (IIT)-BOMBAY *Mumbai*
- 3 INDIAN INSTITUTE OF TECHNOLOGY (IIT)-KHARAGPUR *Kharagpur*
- 4 INDIAN INSTITUTE OF TECHNOLOGY (IIT)-KANPUR *Kanpur*
- 5 INDIAN INSTITUTE OF TECHNOLOGY (IIT)-ROORKEE *Roorkee*
- 6 INDIAN INSTITUTE OF TECHNOLOGY (IIT)-GUWAHATI *Guwahati*
- 7 NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI *Tiruchirappalli*
- 8 **DELHI TECHNOLOGICAL UNIVERSITY (DTU)** *New Delhi*
- 9 INDIAN INSTITUTE OF INFORMATION TECHNOLOGY (IIIT) *Allahabad*
- 10 INDIAN INSTITUTE OF TECHNOLOGY (IIT)-ROPAR *Ropar*

# NIRF India Ranking Engineering Delhi Technological University

Institute ID	Year	2020	2019	2018	2017
IR-E-U-0098	Total Score	51.99	49.97	46.00	46.19
	Rank	36	34	41	39



Delhi Technological University has participated in Times Higher Education (THE) World University Rankings in 2019. The university is amongst the 63 Indian universities to be ranked internationally by THE World University Rankings.

Indian  
**Delhi Technological University**

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📍 Main Bawana Road, Shahbad Daulatpur, Delhi  
DL - 42, Indian

Indian  
**Delhi Technological University**

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📍 Main Bawana Road, Shahbad Daulatpur, Delhi  
DL - 42, Indian

**1001 +**  
World University Rankings  
2020

**THE: Computer Science 2020 & 2021**

**601 +** Delhi Technological University  
📍 Indian

**THE: Engineering & Technology 2020 & 2021**

**801 +** Delhi Technological University  
📍 Indian

**THE: Physical Sciences 2020 & 2021**

**801 +** Delhi Technological University  
📍 Indian

**THE: Asia University Rankings 2020**

**301-350<sup>th</sup>**  
Asia University Rankings 2020

REGIONAL RANKINGS | 2021

**ASIA**

OVERALL RANK

**551-600**



## East Delhi Campus



# CLASS OF 2019



Future Expansion  
**New Academic Blocks**





I have no doubts when I say that coming to Delhi Technological University (DTU) was the best thing that happened to me. These past years DTU has given me more than I could ever ask. From the best faculty out there, countless research opportunities at tech teams, societies with great coding culture, the most beautiful campus and some of the best people I have ever met. It has been a great learning experience, and my university helped me to be a better person above all else.

**AADHAR TYAGI**  
**B.Tech. Software Engineering, 2017-21**  
**Placed in: Atlassian, 51.75 LPA**

I see DTU as my second home. What I really love about the curriculum here is the flexibility to choose electives from various departments. This facilitated me to gain familiarity with subjects related to the field of Computer Science & Data Science and helped me discover my affinity for data. With a successful academic record throughout, I've been fortunate enough to receive admits for master's from universities such as the University of Illinois Urbana Champaign, University of Southern California, University of Waterloo and Texas A&M University.

**MEHRAB GILL**  
**B.Tech. Electrical Engineering, 2016-20**



DTU is not just an institution, it's a happy world in itself. Once you enter this happy world, bidding farewell is not easy. It has provided to me, the perfect Academic-Cocurricular balance to excel & shine. It has given several opportunities, from support to participate in international hackathons & global conferences, to exposure in entrepreneurship & innovation.

**SARTHAK KATYAL**  
**B.Tech. Computer Science & Engineering, 2016-20**  
**Placed at: Airtel XLabs, 15 LPA**

As a master student, I had a 2 years scholarship program to Study in India as much as I would have loved to experience it more. The welcoming spirit of DTU has made it possible for me to consider the University my second home. My reason to choose DTU for the master degree is the very good reputation of the university and studying at DTU has made me proud of my decision.

**WALAA MAKHLOUF**  
**M.Tech. Computer Science & Engineering, 2018-20, Syria**



DTU has been a home to me for these four years. As an international student, I never felt that I had lesser opportunities. With the guidance of amazing and helpful faculty, I got opportunities to do two amazing internships abroad, one in Australia and the other in Switzerland. The research opportunities at DTU are incomparable. The exposure and learnings at DTU will resonate with me throughout my life. I will always rejoice my choice of joining DTU.

**SURENDRABIKRAM THAPA**  
**B.Tech. Software Engineering, 2017-21, Nepal**

It's been two years since I was a student at DTU. The university is one of the leading universities among technology institution currently found in India. The teaching and learning system are excellent with equipped computer laboratories. As Ph.D. student, I got very good supervision in DTU that has enhanced my research experience. Finally, I am very happy to be here.

**MARU TESFAYE ADDIS**  
**Ph.D. Scholar, Computer Science & Engineering, 2018, Ethiopia**

