



IGDTUW

1st ANNUAL REPORT

1वाँ वार्षिक प्रतिवेदन

August 2013 - March 2017

अगस्त 2013—मार्च 2017



Motto: Women Education, Women Enlightenment, Women Empowerment

इन्दिरा गांधी दिल्ली प्रौद्योगिकी महिला विश्वविद्यालय

INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN

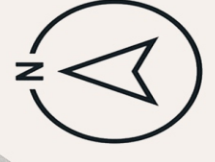
Kashmere Gate, Delhi-110006



MADRASA ROAD

TO RING ROAD
KELA GHAT MARG

TO CHANDNI CHOK
MAIN ENTRANCE



AMBEDKAR
UNIVERSITY



PUNJAB AND
SIND BANK

ADMINISTRATION BLOCK
DEPT. OF ARCHITECTURE
& PLANNING

DEPT. OF MECHANICAL
AND AUTOMATION
ENGINEERING

ACADEMIC
BRANCH

COMPUTER
LAB

EXAMIN-
ATION
BRANCH

SHOP

CANTEEN

DEPT. OF
APPLIED SCIENCES
& HUMANITIES

DEPT. OF
INFORMATION
TECHNOLOGY

DEPT. OF ELECTRONIC
AND COMMUNICATION
ENGINEERING



SOCIAL SCIENCE BLOCK

CENTRAL LAWN

PARKING

AUDITORIUM

CRECHE

KAVERI GIRLS
HOSTEL

TUCK
SHOP

OPEN TO SKY

KRISHNA GIRLS
HOSTEL

ANVESHAN
FOUNDATION

NCC
BLOCK

NCC
BLOCK

LOTHIAN ROAD

TO ISBT KASHMERE GATE

MAIN
ENTRANCE

MADRASA ROAD

MASTER PLAN INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN

LOCATION MAP

IGDTUW CAMPUS, MADRASA ROAD OPPOSITE ST. JAMES CHURCH KASHMERE GATE DELHI-110006

SCALE : 1:500



इन्दिरा गांधी दिल्ली प्रौद्योगिकी महिला विश्वविद्यालय
Indira Gandhi Delhi Technical University For Women

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August 2013 - March 2017

अगस्त 2013—मार्च 2017



AUDITORIUM (IGDTUW)

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• Institute offices	• Finance section
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• Department of IT	• Department of HR

→

NO PARKING



OUR VISIONARY LEADERS

HON'BLE CHANCELLORS

SHRI TEJENDRA KHANNA
July, 2012 to July, 2013



SHRI NAJEEB JUNG
July, 2013 to Dec, 2016



SHRI ANIL BAIJAL
Dec, 2016 to Till Date



VICE CHANCELLOR



Prof. (Dr.) Nupur Prakash
Vice Chancellor, IGDTUW
May 2013 To Till Date

TABLE OF CONTENT

About University	1
Vision & Mission	2
Core Values & Objectives	3
Quality Policy & Quality Objective	4
University Governance	5
The University Court	6
The Board of Management (Table 1)	7-8
The Finance Committee (Table 1)	9
The Academic Council (Table 1)	10-11
The Board of Management (Table 2)	12-13
The Finance Committee (Table 2)	14
The Academic Council (Table 2)	15-16
The Planning Board	17
Organizational Structure	18
Officers of The University	19
Academic Structure of the University	20
Programmes offered by the University	21
Department of Computer Science and Engineering	22-24
Department of Electronics & Communication Engineering	25-27
Department of Mechanical and Automation Engineering	28-29
Department of Information Technology	30-32
Department of Applied Sciences & Humanities	33-34
Department of Architecture and Planning	35-39
Research Publications	40-53
Infrastructure and Central Facilities	54-55
Placement at A Glance	56
IGDTUW Anveshan Foundation	57
Cultural Events & Programmes Organized	57-58
Student Achievements	59
International Participations	60
Training/ Hands on Workshops/conferences Organized	60-62
Admission Process	63
Programs Intake	64-65
Department-wise Faculty	66
Expansion Plans of IGDTUW for New Campus (Next Ten Years)	67

HISTORY

Indira Gandhi Delhi Technical University for Women (IGDTUW) was established by the Govt. NCT of Delhi in May, 2013 vide Delhi Act 09 of 2012, as a non-affiliating University to facilitate and promote Studies, Research, Technology, Innovation, Incubation and Extension work in emerging areas of professional education among women, with focus on Engineering, Technology, Applied Sciences, Architecture and its allied areas with the objective to achieve excellence in the given and related fields.

Since 2013, the University has steadily grown exponentially. It has continued B.Tech. programs in four disciplines namely Computer Science and Engineering, Information Technology, Electronics & Communication Engineering and Robotics & Automation Engineering. M.Tech. Programs in niche areas of Technology like Information Security Management, Mobile Pervasive Computing, VLSI Design and Robotics and Automation Engineering were started for the first time in the University. The Ph.D. Program was started in 2014 in various disciplines. In 2015, the University also started B.Arch. Program. In a short span of few years, the University's students strength has increased exponentially manifold.



ABOUT UNIVERSITY



Indira Gandhi Delhi Technical University for Women (IGDTUW) was established in May 2013 vide Delhi State Legislature Act 9, 2012. The University fosters an environment for excellence in professional education and ensures active participation of women in the field of Engineering, Science, Management and Architecture, while striking out a work-life balance. The University is committed to make the student's educational experience multifaceted and holistic.

IGDTUW functions efficiently as a Teaching & Learning, Research-Oriented Centre in various branches of Science, Engineering, Technology, Architecture and Management promoting advancement and dissemination of research led knowledge among women from all over the country. The strategic intent of the University is to foster industry relevant research and innovations and empower the women of

our country through value based higher education making them Employable, Self-Reliant, Entrepreneurship Development, Responsible Citizen of the country with concern for Environment and Society.

The University is committed about developing Sustainable Systems and State-of-the-Art infrastructure to empower the women to become future Leaders, Managers, Researchers, and Productive Team Players in the field of Science, Engineering, Technology, Architecture and Management.

MASTER-PLAN OF INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN





VISION

- To make India a Knowledge Society and a Knowledge Economy by empowering the women of our country through education in Engineering, Science, Management, Architecture and Technology and to become a leading technical university in the country known for its value based, quality technical education supported with industry relevant research with focus on environmental and social issues.

MISSION

- To foster an environment for excellence in professional education and ensure active participation of women in the field of Engineering, Science, Management, Architecture and Technology while striking out a work-life balance.
- To start new professional courses for women in sun-rise disciplines and forge alliances with industry to impart industry relevant education.
- To emancipate women through pursuit of knowledge enabling them to gain equal status in society through realization of their rights and responsibilities.
- To develop sustainable systems and state-of-the-art infrastructure to enable the Indian women to become the future leaders, managers, researchers and productive team players in the field of Engineering, Science, Management, Architecture and Technology.

CORE VALUES

- **Quality Education:** Promoting quality education through modern learning technologies and delivery models while pursuing the UGC quality mandate parameters.
- **Holistic Approach:** The University education process imbibes a holistic education approach commensurate with social, cultural, economic, and environmental realities.
- **Excellence** – Continuously delivering outstanding quality in all areas of Performance by fostering intellectual growth.
- **Innovation** - Having an unending quest for discovering new ideas in all areas of Performance, enriched by diversity in thoughts, actions and leadership.
- **Global Competencies-** Preparing students to achieve core competencies to face global challenges successfully.
- **Equality** - Involving all cross-sections of society by providing equal opportunity to all in pursuit of higher education, job and other activities.
- **Good Governance-** Following good governance principles being accountable, transparent, responsive, effective and efficient, equitable and inclusive, rule of law, participating and consensus-oriented in the process of making and implementing decisions.
- **Sustainability** – Having concern for nature, environment and resource utilization for a long-lasting, safe and better future.
- **Respect-** Respect moves us to understand the unique contributions of every person in the University community and to value diverse perspectives, including compassion, Service, commitment, Integrity, Diversity and Learning for Life.

OBJECTIVES

- To evolve and impart comprehensive professional education with focus on but not restrict to Engineering, Technology, Sciences, Management and such areas as deemed fit.
- To facilitate and promote studies leading to award of degrees, diplomas and certificates.
- To achieve excellence in Engineering, Technology, Sciences, Management and allied areas and matters connected therewith or incidental thereto.
- To establish centres of advanced studies, research and innovation in various relevant areas of Sciences, Engineering, Technology, Management and allied areas.
- To promote development of products, services and entrepreneurship.
- To be industry relevant and to create an impact on the academic community in India and abroad.
- To establish linkages between the University, Industries, Research and Development Organizations and other Universities/Institutes for collaborative (including dual degree) teaching and research programmes in India and abroad.
- To promote global interaction through faculty and student exchange in the areas of Science, Engineering, Technology, Management and other allied areas as deemed fit.
- To set up innovation centres, knowledge Park and Technology incubators to foster Techno-entrepreneurship, innovation and new product development.

- To disseminate knowledge and contribute towards nation building and faculty development by organizing expert lectures, seminars, symposia, workshops, conferences, summer and winter schools, short term training programs and refresher courses from time to time.
- To promote and foster cultural and ethical values with a view to promote and foster professional morality, research integrity, globally acceptable business ethics and morals for professionals.
- To publish periodicals, treatises, studies, books, reports, journals and other literatures on subjects pertinent to academic areas of the university, including electronics resources
- To undertake study, training projects and technology transfer programmes relating to Science, Engineering, Technology and Management.
- To do all such things as are incidental, necessary or conducive to the attainment of all or any of the objectives of the University.

QUALITY POLICY

We at Indira Gandhi Delhi Technical University for Women are committed to achieve the highest standards in Technical Education, Research, Consultancy, Incubation and Innovation in order to produce women leaders in Engineering, Technology, Science, Management, Architecture & other allied areas. We shall achieve this through -

- Assessing the needs of interested parties and strive to exceed their expectations.
- Develop and deliver courses to meet the contemporary needs of the industry.
- Carrying out multidisciplinary research programs and projects that are distinctive and relevant to technological, social, and environmental needs.
- Adoption of constructive mechanisms for building strong academic teams and enhancing links between University, research institutions and the industry. Mentoring and supporting the development of start-ups by providing them advisory and administrative support services.
- Periodic monitoring and assessment of our services and continual improvement of the performance of our facilities, personnel, processes and systems.
- Adhering to the applicable laws and regulations.

QUALITY OBJECTIVES

- To provide Intellectual and ethical environment where skill & spirit can thrive and provide state of art education along with social, cultural and human values.
- To implement outcome-based education, quality mandate and holistic concerns towards implementation of the New Education Policy (NEP).
- To create an environment of collaboration & enhance Industry Institute Interface.
- To foster an ecosystem for incubation, innovation, product development, transfers of technology & entrepreneurship.
- To develop Centre of Excellence in emerging areas of Science, Engineering & Technology, Management, Architecture and other allied areas.
- To develop human values with analytical ability, ethics and integrity.
- Creation of congenial and conducive student-centric work environment.

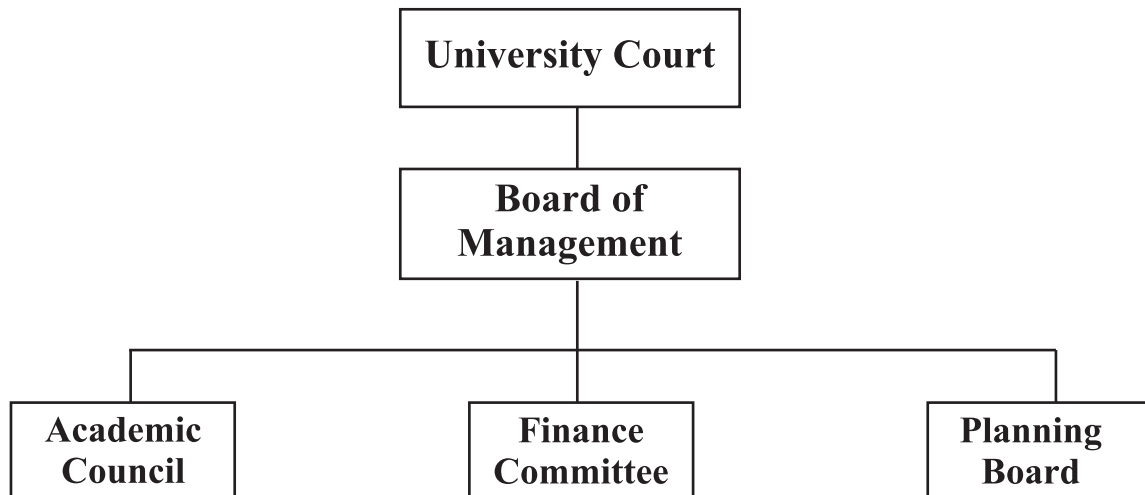
UNIVERSITY GOVERNANCE

As per Sub-Section (4) of Section 3 of the IGDTUW Act 2012

"The University shall be administratively autonomous and shall receive grant-in-aid from Government of Delhi to provide education to the girls' students and as such shall receive funds for capital and operational expenditure from Government of Delhi, having its own governance as well as administrative policies and practices as prescribed"

As per the Section 18 of the IGDTUW Act 2012, University Court, Board of Management, Academic Council, Planning Board, Finance Committee are the various Statutory bodies of the University.

Organogram of the Statutory Bodies of University



Details of the University Statutory Bodies Meeting Held

For smooth functioning of the University and for necessary directions, the meetings of the various statutory bodies are held regularly. A details of the various Statutory bodies meetings held during the year 2013-2017 are listed as follow:-

Details of the University Statutory Bodies Meeting Held				
Meeting	Board of Management	Academic Council	Finance Committee	Planning Board
First	20.12.2013	09.07.2013	02.12.2013	19.05.2014
Second	15.10.2014	13.12.2013	02.06.2014	
Third	12.02.2015	23.05.2014	31.07.2015	
Fourth	08.09.2015	23.12.2014	23.08.2016	
Fifth	22.03.2016	26.06.2015		
Sixth	20.01.2017	16.02.2016		
Seventh		28.09.2016		

THE UNIVERSITY COURT

The University Court is the highest Statutory body of the University. The Court shall review, from time to time, the broad policies and programmes of the University and suggest measures for improvement and development of the University. The Court of the University consists of the following Members :

S.No.	Name & Designation	Position
1.	Sh. Anil Baijal Hon'ble Lt. Governor, Govt. of NCT, Delhi & Chancellor, IGDTUW	Chairperson
2.	Prof. (Dr.) Nupur Prakash Vice Chancellor, IGDTUW (Ex-officio)	Member
3.	Ms. Punya Salila Srivastava, IAS Secretary, Technical & Higher Education, Govt, of NCT of Delhi (Ex-Officio)	Member
4.	Sh. S. N. Sahai, IAS Principal Secretary, Finance, Govt, of NCT of Delhi (Ex-Officio)	Member
5.	Prof. Ram Ramaswamy Former Vice Chancellor, University of Hyderabad, currently Professor, School of Physical Sciences, JNU, New Delhi	Member
6.	Prof. Zahid H. Khan Former Director, FTK Centre of Technology, Jamia Millia Islamia, New Delhi	Member
7.	All Deans, IGDTUW (Ex-Officio)	Member
8.	Registrar, IGDTUW & Member Secretary (Ex-Officio)	Member Secretary

THE BOARD OF MANAGEMENT

The Board of Management is the Principal Executive Authority of the University and as such has all powers necessary to administer the University subject to the provisions of the University Act and Statutes. The Board of Management of the university consists of the following Members :-

TABLE-I
Board of Management
(w.e.f. 23rd October 2013)

S.No.	Name & Designation	Position
1.	Padma-Shri Dr. Pritam Singh Director General, International Management Institute, New Delhi (Former Director, Management Development Institute Gurgaon; Former Director, IIM Lucknow)	Chairperson
2.	Prof. (Dr.) Nupur Prakash Vice-Chancellor, IGDTUW(Ex-Officio)	Member
3.	Dr. B. K. Murthy Executive Director, CDAC, Noida (Former Director & Head National Knowledge Network Division Ministry of Information & Communication Technology)	Member
4.	Mr. Rakesh Mishra Director General (DG), CPWD (Retd.)	Member
5.	Prof. (Mrs.) Renu Wig Director, University Institute of Engg. & Technology Punjab University, Chandigarh	Member
6.	Sh. Vijender Kumar Jain Chief Manager, Union Bank of India, Connaught Place Branch, New Delhi.	Member
7.	Sh. Vikarm Khazanachi Chief General Manager (CGM), Manesar Plant, Maruti Suzuki India Ltd., Manesar, Haryana	Member
8.	Sh. Tanmoy Chakrabarty Vice President & Head. Govt. Industry Solutions Unit, Tata Consultancy Services, New Delhi,	Member

Continue...

S.No.	Name & Designation	Position
9.	Prof. Bibek Bandyopadhy Representative of the University Grants Commission (UGC)	Member
10.	Sh. Rajendra Kumar, IAS Secretary, Technical & Higher Education, GNCTD (Ex-Officio)	Member
11.	Dr. M. M. Kutty, IAS Principal Secretary, Finance GNCTD (Ex-Officio)	Member
12.	Prof. Ashwni Kumar Dean (Student Welfare) IGDTUW (Ex-Officio)	Member
13.	Prof. Rajni Jindal Dean Research and Industrial Collabrotions, IGDTUW (Ex-Officio)	Member
14.	Sh. S. N. Jha, IAS (Retd.) Registrar, IGDTUW (Ex-Officio)	Member

THE FINANCE COMMITTEE

The Finance Committee of the University is responsible for providing its recommendations on all financial matters of the University to the Board of Management. The Finance Committee of the University consists of the following Members :

TABLE-I
Finance Committee
(w.e.f. 24th October 2013)

S.No.	Name & Designation	Position
1	Padma-Shri Dr. Pritam Singh, Director General, International Management Institute, New Delhi (Former Director, Management Development Institute, Gurgaon & Former Director, IIM Lucknow)	Chairperson
2.	Prof. (Dr.) Nupur Prakash, Vice Chancellor (Ex-Officio)	Member
3.	Sh. Prakash Chand Comptroller of Accounts, Govt. of NCT of Delhi (Ex-Officio)	Member
4.	Sh. Rajendra Kumar, IAS Secretary, Technical & Higher Education, Govt. of NCT of Delhi (Ex-Officio)	Member
5.	Ms. Archana Arora, IAS Principal Secretary (Finance) Govt, of NCT of Delhi (Ex-Officio)	Member
6.	Prof. Ashwni Kumar, Dean (Students' Welfare)	Member
7.	Prof. Rajni Jindal, Dean (Research and Industrial Collaborations)	Member
8.	Dr. Chitra Sharma, Head of the Department (MAE)	Member
9.	Dr. Chhaya Ravikant, Head of the Department (Applied Science)	Member
10.	Mr. Rakesh Mishra, Former Director General, CPWD (Member of BOM)	Member
11.	Sh. S. N. Jha, IAS (Retd.) Registrar (Ex-officio)	Member-Secretary

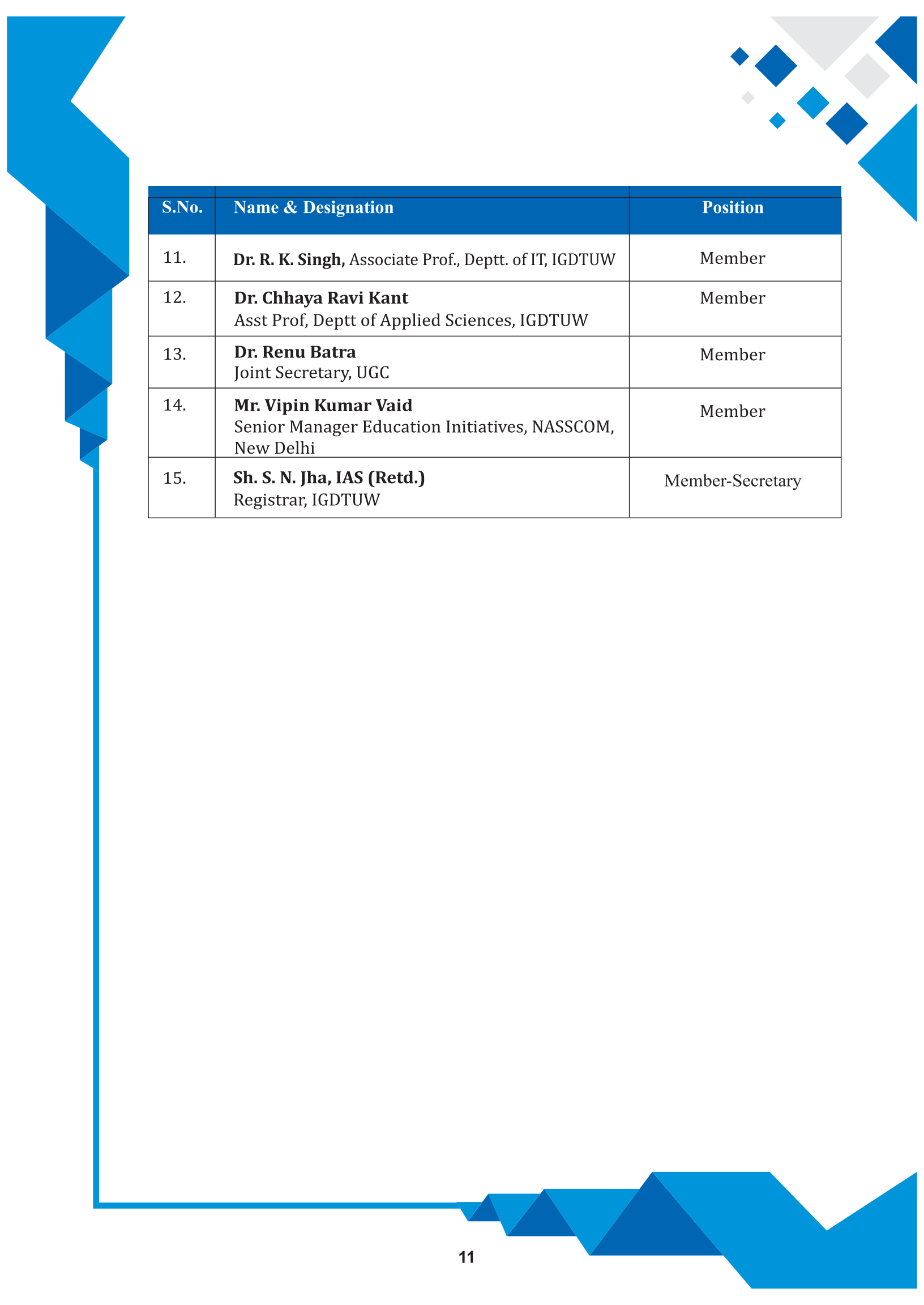
THE ACADEMIC COUNCIL

The Academic Council is the Principal Academic body of the University and shall, subject to the provisions of the University Act, the Statutes and the Ordinances, have the control and regulations of, and be responsible for, the maintenance of standards of instructions, education, research and examination within the University. The Academic Council of the University consists of the following Members :

TABLE-I
Academic Council
(w.e.f. 26th June 2013)

S.No.	Name & Designation	Position
1.	Prof. (Dr.) Nupur Prakash Vice-Chancellor, IGDTUW(Ex-Officio)	Chairperson
2.	Prof. H. M. Gupta Professor Emeritus, IIT Delhi	Member
3.	Dr. Tapan Sahoo Vice President(Engg), Maruti Suzuki India Ltd., Gurgaon.	Member
4.	Prof. Sanjeev Sofat Director, Cyber Security Cell and Professor, Department of Computer Science & Engineering, PEC University of Technology, Sector 12, Chandigarh	Member
5.	Ms. Renu Bapna Advisor-1 (University Bureau), AICTE, New Delhi.	Member
6.	Prof. S. B. Jain Professor Incharge, Academic Affair, IGDTUW	Member
7.	Prof. Ashwni Kumar Dean, Student's Welfare, IGDTUW	Member
8.	Prof. Rajni Jindal Dean (Research and Collaboration) & HOD(IT) IGDTUW.	Member
9.	Dr. Devendra Tayal HOD (CSE), IGDTUW	Member
10.	Dr. Akhilesh Arora HOD(MAE), IGDTUW	Member

Continue...



S.No.	Name & Designation	Position
11.	Dr. R. K. Singh , Associate Prof., Deptt. of IT, IGDTUW	Member
12.	Dr. Chhaya Ravi Kant Asst Prof, Deptt of Applied Sciences, IGDTUW	Member
13.	Dr. Renu Batra Joint Secretary, UGC	Member
14.	Mr. Vipin Kumar Vaid Senior Manager Education Initiatives, NASSCOM, New Delhi	Member
15.	Sh. S. N. Jha, IAS (Retd.) Registrar, IGDTUW	Member-Secretary

THE BOARD OF MANAGEMENT

The Board of Management is the Principal Executive Authority of the University and as such has all powers necessary to administer the University subject to the provisions of the University Act and Statutes. The Board of Management of the university consists of the following Members :-

TABLE-II
Board of Management
(w.e.f. 9th December 2016)

S.No.	Name & Designation	Position
1.	Prof. R. K. Kale Former Vice-Chancellor, Central University of Gujarat and Professor Emeritus, School of Life Sciences, JNU, New Delhi	Chairperson
2.	Prof. (Dr.) Nupur Prakash Vice-Chancellor, IGDTUW(Ex-Officio)	Member
3.	Dr. (Mrs.) Saroj Kaushik Professor, Department of Computer Science and Engineering, IIT Delhi	Member
4.	Mrs. Tessy Thomas Project Director and Scientist, Agni Missile Project, DRDO, DRDO HQs, Hyderabad	Member
5.	Dr. Manoj Kumar Arora Professor, IIT Roorkee, Director PEC University of Technology, Chandigarh	Member
6.	Prof. Mini Shaji Thomas Director, NIT Trichy and Professor Department of Electrical Engineering and Technology, JMI New Delhi	Member
7.	Ms. Pallavi Arora Director, Technical Support, CISCO (Technical Services Group), Bangalore	Member
8.	Mrs. Mukta Mittal Managing Director Accenture India, Gurgaon	Member

Continue....

S.No.	Name & Designation	Position
9.	Sh. P. K. Thakur, IRS, FA Representative of the University Grants Commission (UGC)	Member
10.	Ms. Punya Salila Srivastava, IAS Secretary, Technical & Higher Education, Govt, of NCT of Delhi (Ex-Officio)	Member
11.	Sh. S. N. Sahai, IAS Principal Secretary, Finance, Govt, of NCT of Delhi (Ex-Officio)	Member
12.	Prof. R. K. Singh Dean (Examination Affairs), IGDTUW (Ex-Officio)	Member
13.	Prof. Ela Kumar Dean (Academic Affairs), IGDTUW (Ex-Officio)	Member
14.	Prof. R. K. Singh Professor, Department of Information Technology, IGDTUW	Member
15.	Prof. Ela Kumar Professor, Department of Computer Science and Engineering, IGDTUW	Member
16.	Prof. R. K Singh Registrar, IGDTUW (Ex-Officio)	Member

THE FINANCE COMMITTEE

The Finance Committee of the University is responsible for providing its recommendations on all financial matters of the University to the Board of Management. The Finance Committee of the University consists of the following Members :

TABLE-II
Finance Committee
(w.e.f. 8th March 2017)

S.No.	Name & Designation	Position
1	Prof. R. K. Kale Former Vice-Chancellor, Central University of Gujarat and Professor Emeritus, School of Life Sciences, JNU, New Delhi	Chairperson
2.	Prof. (Dr.) Nupur Prakash Vice-Chancellor, IGDTUW (Ex-Officio)	Member
3.	Sh. Prakash Chand Comptroller of Accounts, Govt, of NCT of Delhi	Member
4.	Ms. Punya Salila Srivastava, IAS Principal Secretary, Technical & Higher Education, Govt, of NCT of Delhi (Ex-Officio)	Member
5.	Sh. S. N. Sahai, IAS Principal Secretary, Finance, Govt, of NCT of Delhi (Ex-Officio)	Member
6.	Prof. Ela Kumar Dean (Academic Affairs), IGDTUW	Member
7.	Prof. R. K. Singh Dean (Examination Affairs), IGDTUW	Member
8.	Dr. N. R. Chauhan Head of the Department (MAE), IGDTUW	Member
9.	Dr. Jasdeep Kaur Head of the Department (ECE), IGDTUW	Member
10.	Prof. Saroj Kaushik , Professor, CSE, IIT Delhi	Member
11.	Prof. S. R. N. Reddy , Professor, CSE, IGDTUW	Member
12.	Dr. S. Kazim Naqvi Registrar, IGDTUW (Ex-Officio)	Member-Secretary

THE ACADEMIC COUNCIL

The Academic Council is the Principal Academic body of the University and shall, subject to the provisions of the University Act, the Statutes and the Ordinances, have the control and regulations of, and be responsible for, the maintenance of standards of instructions, education, research and examination within the University. The Academic Council of the University consists of the following Members :

TABLE-II
Academic Council
(w.e.f. 8th September 2016)

S.No.	Name & Designation	Position
1.	Prof. (Dr.) Nupur Prakash Vice-Chancellor, IGDTUW(Ex-Officio)	Chairperson
2.	Prof. Saroj Kaushik Professor, Dept. of Computer Science & Engineering, IIT Delhi, Hauz Khas, New Delhi - 110016	Member
3.	Prof. Sanjeev Sofat Director, Cyber Security Cell and Professor, Department of Computer Science & Engineering, PEC University of Technology, Sector 12, Chandigarh	Member
4.	Prof. R.A. Khan Former HoD, Deptt.of Mechanical Engg., Jamia Millia Islamia New Delhi 110025	Member
5.	Dr. Kamlesh Dutta Associate Professor and Head, Computer Science & Engineering Department, National Institute of Technology, Hamirpur (HP) - 177005	Member
6.	Dr. (Mrs) Santosh Satya Centre for Rural Development and Technology, IIT Delhi	Member
7.	Prof. Usha Natesan Advisor-I AICTE, New Delhi & Professor, Civil Engg., Anna University, Chennai	Member
8.	A nominee of the FICCI	Member
9.	All Deans of the University (Ex-Officio)	Member
10.	All Heads of Departments of the University (Ex-Officio)	Member

Continue....

S.No.	Name & Designation	Position
11.	Prof. Ashwini Kumar Professor, Dept. of ECE, IGDTUW	Member
12.	Dr. A.K. Mohapatra Associate Professor, Dept. of IT, IGDTUW	Member
13.	Dr. Ranu Gadi Associate Professor, Dept. of ASH, IGDTUW	Member
14.	Mr. Akash Tayal Assistant Professor, Dept. of ECE, IGDTUW	Member
15.	Mrs. Achla Singh Registrar, IGDTUW (Ex-Officio)	Member-Secretary

THE PLANNING BOARD

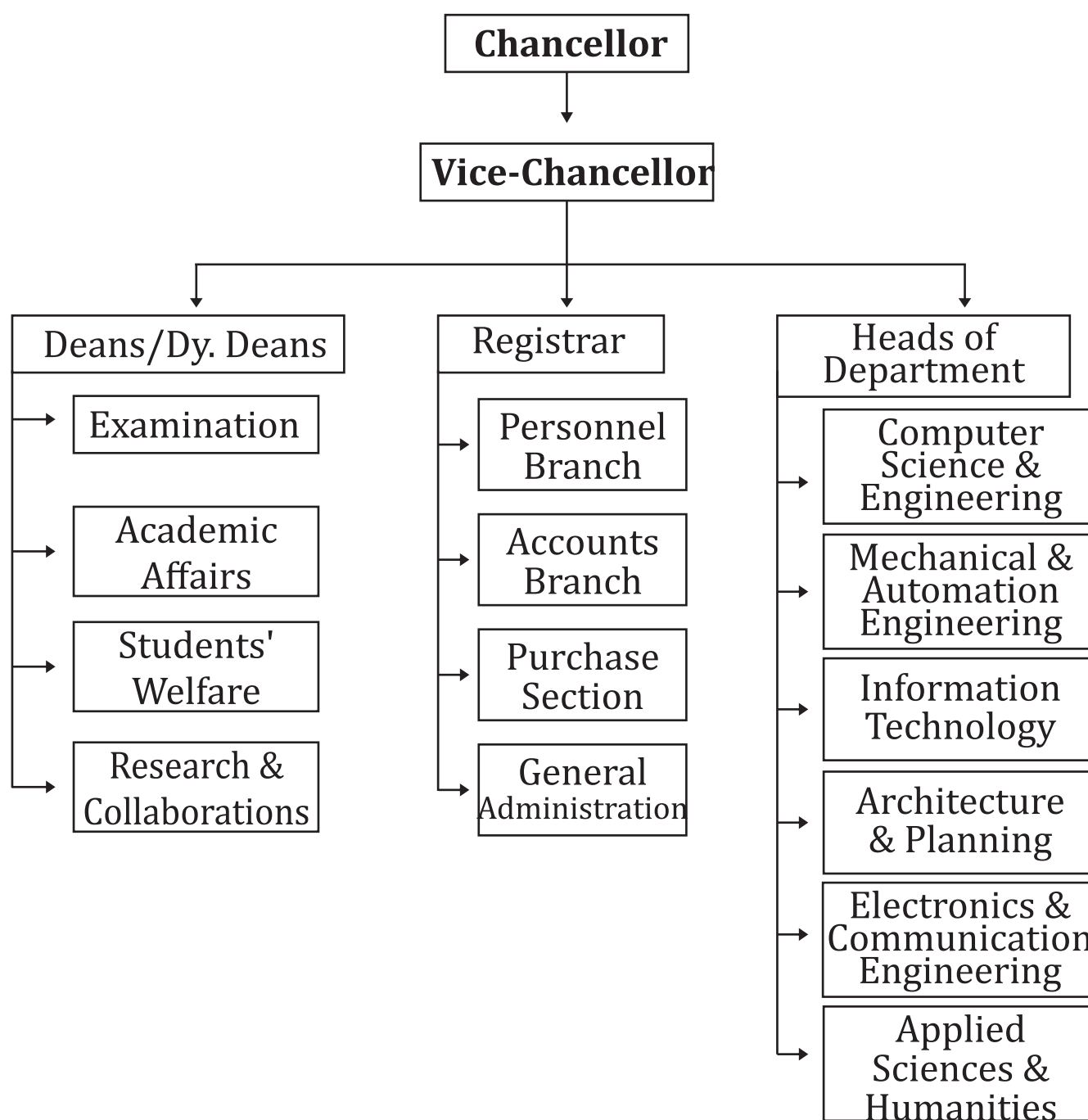
Planning Board is the principal planning body of the University and responsible for monitoring the development of the University. The Planning Board of the University has been constituted vide Order No. F.16(12)/Plg (PB)/2013/3218-37 dated the 13th January 2014, which consists of the following Members:

S.No.	Name & Designation	Position
1.	Prof. (Dr.) Nupur Prakash Vice-Chancellor, IGDTUW (Ex-Officio)	Chairperson
2.	Sh. Anil Prakash Engineer-in-Chief, North MCD (Ex-Officio)	Member
3.	Mr. I. P. Parate Director(Planning), MPR, DDA (Ex-Officio)	Member
4.	Sh. Rakesh Misra Former Engineer-in-Chief, PWD DG, CPWD (Retd.) and IGDTUW Board of Management Member	Member
5.	Prof. Arun Jain Strategic Management, IIM Lucknow	Member
6.	Dr. B. K. Sharma Director (Planning), GNCTD	Member
7.	Sh. Sanjay Prakash Architect and Proprietor, M/S SP Associates, Delhi	Member
8.	Sh. S. N. Jha, IAS (Retd.), Registrar, IGDTUW (Ex-Officio)	Member-Secretary

ORGANIZATIONAL STRUCTURE

The Lieutenant Governor of National Capital Territory of Delhi shall be the Chancellor of the University. The Vice-Chancellor, the Pro-Vice Chancellor, Dean(s), Registrar and such other officers as may be declared by the statutes to be the officers of the University. The Organogram of the University Officials and the distribution of the responsibilities of the various officers of the University is given below:

Organogram of the University



OFFICERS OF THE UNIVERSITY

S.No.	Name & Designation	Position
1	Vice-Chancellor	Prof. (Mrs.) Nupur Prakash
2.	Dean(Examination Affairs)	Prof. R.K. Singh
3	Dean (Academic Affairs)	Prof. Ela Kumar
4	OSD (Planning & Development)	Prof. R.K. Singh
5	Deputy Dean (Research & Collaboration)	Dr. Chhaya Ravikant
6	Deputy Dean (Examination Affairs)	Dr. Arun Kr. Sharma
7	Deputy Dean (Students Welfare)	Dr. Seeja K. R.
8	Head of the Department (CSE)	Prof. Ela Kumar
9	Head of the Department (ECE)	Dr. Jasdeep Kaur
10	Head of the Department (IT)	Dr. A.K. Mohapatra
11	Head of the Department (MAE)	Dr. N.R. Chauhan
12	Head of the Department (Architecture & Planning)	Dr. Preeti Vajpeyi
13	Head of the Department (Applied Sciences & Humanities)	Dr. Shalini Arora
14	Registrar	Dr. S. Kazim Naqvi (w.e.f. 08.02.2017)
15	Deputy Finance Officer	Sh. Sunny C. K.
16	Librarian	Dr. D.S. Sengar
Incubation Centre		
17	Chief Executive Officer	Dr. Vijay Kumar Arora

ACADEMIC STRUCTURE OF THE UNIVERSITY

The teaching in the University is offered by the Departments. As per the First Ordinance of the Indira Gandhi Delhi Technical University for Women relating to establishment of Faculties and Departments of the University, the following are the faculties and grouping of Departments, including existing Departments that offers Under-Graduate, Post-Graduate and PhD programmes:

1. Faculty of Engineering & Technology

- i) Department of Computer Science & Engineering
- ii) Department of Electronics & Communication Engineering
- ii) Department of Information Technology
- iv) Department of Mechanical & Automation Engineering

2. Faculty of Sciences & Humanities

- i) Department of Pure and Applied Sciences
- ii) Department of Humanities and Social Sciences (Proposed)

3. Faculty of Architecture & Planning

- i) Department of Architecture & Planning
- ii) Department of Design Studies (Proposed)

On the recommendations of the Academic Council made in its 7th Meeting held on 28th September 2016 vide Agenda Item No. 7.10, the Board of Management of the University in its 6th Meeting held on 20th January 2017 vide Agenda Item No. 6.04 has approved creation of the following two faculties as and when additional space is made available to IGDTUW:

4. Faculty in Business Studies

- i) Department of Business Studies (Proposed)
- ii) Department of Commerce (Proposed)

5. Faculty of Computing

- i) Department of Computer Applications (Proposed)

PROGRAMMES OFFERED BY THE UNIVERSITY

S.No.	Name of the Department	Programmes Offered	Intake	Duration (years)
1	Computer Science & Engineering (CSE)	B.Tech. (CSE)	138	4
		M.Tech. (Mobile & Pervasive Computing)	30	2
2	Electronics & Communication Engineering (ECE)	B.Tech. (ECE)	76	4
		M.Tech. (VLSI Design)	30	2
3	Mechanical & Automation Engineering (MAE)	B.Tech. (MAE)	76	4
		M.Tech. (Robotics & Automation)	30	2
4	Information Technology (IT)	B.Tech. (IT)	77	4
		M.Tech. (Information Security Management)	30	2
		MCA	60	3
		M.Tech. (ICT) Part time	40	3
5	Architecture & Planning	B.Arch.	40	5
6	Applied Sciences & Humanities (w.e.f Academic Session 2017- 18)	M.Tech. (Green Technology)	20	2
7	All Departments	Ph.D.	25	3+
		Total Intake	672	

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

The Department of Computer Science and Engineering was established in 1998. The department offers B.Tech. in Computer Science and Engineering with an intake of 138 students and M. Tech, in Mobile and Pervasive Computing with an intake of 30 students. The department started Ph.D program in 2014. The CSE department has a talent pool of outstanding faculty members, who, besides teaching, have been actively involved in various research and professional activities like, member of editorial boards of leading journals, running industry sponsored projects and transferring the technology developed in the lab to industry. There have been numerous publications by faculty members in International/National Journals/ Conferences covering latest areas of research.

Presently the department has sponsored research projects, from Microsoft, NOKIA and Information Technology Research Academy (ITRA), Intel, Ministry of Human Resource and Development (MHRD) in collaboration with IIT, Delhi and IIIT, Delhi. The department also received several equipment grants from ARM, Atmel, Microsoft, Intel, Texas Instruments etc. The Department has revised the curriculum of B.Tech and M.Tech programs considering the latest trends in industry and research. The department aims to bridge the gap between theory and

practice in teaching and learning various ICT subject using mobile devices as a pedagogical platform and to develop effective solutions for end-to-end Real World Problems. The department has developed a practical teaching and learning environment that provides comprehensive set of tutorials, projects and experiments, catering to the needs of students and society by making use of modern computing platforms and making it available to the students.

The Department has two main Research Groups namely, Mobile & Pervasive Computing, Data Mining and Intelligent Computing to conduct research work and projects in collaboration with Industry and Premier Institutes to provide practical knowledge to students. These research groups are working in the broad areas of Mobile computing, Environmental Sensing, Network based Application and Algorithm, Wireless Sensor Networks, Cloud Computing, Middleware, Embedded System and Pervasive Computing, Applied Data Processing, Applications of Database Management Systems and Data Mining, Intelligent Computing, Natural Language Processing.

Lab Infrastructure:

The Department has well equipped labs for practical and research work in the following domains:

- Database and Mobile Database Systems
- Software and Advanced Software Engineering
- Advanced Computer Networking
- Programming Labs on various platforms
- Embedded System and Design
- Computer Graphics and Multimedia
- Network Security and Management
- Mobile Architecture Programming
- Design & Innovation Lab

The Department takes immense interest in conducting professional activities such as organizing workshops, seminars and expert lectures to meet the challenges in the IT Industry.

Technical Activities

The following programs were organized by the department to train teachers and students during.

- A hands-on workshop on Internet of Things (IOT) in collaboration with Intel India on 1st March 2015 at IGDTUW, Delhi.
- A six weeks summer training program on "Build Your Own Smartphone" from 15th June 2015 to 24th July 2015.
- "Build Your Own Smart Device" challenge on 27th & 28th March, 2015 during tech fest in IGDTUW in collaboration with INTEL.
- "Application Development Competition" on 27th & 28th March, 2015 in collaboration with Microsoft.
- Five days workshop in NITTR, Chandigarh for faculty on "Build My Smart Phone" from 4th-8th May, 2015.

Sponsored Research Projects

The following programs were organized by the department to train teachers and students during 2013-17.

- "Mobile Education Kit (Mek-2)" funded by Nokia University Relation, Finland. PI-Dr. S. R. N Reddy, Project Grant of Rs. 22.15 Lacs for 2014-2017.
- "Human Sense: Towards Context aware Sensing, Inference and actuation for application in Energy and Healthcare" funded by ITRA (MHRD). PI-Dr. Amarjeet Singh (IIITD) & Co PI - Dr. S. R. N Reddy, Project Grant of Rs. 24.0 Lacs, 27.49 Lacs for IGDTUW for 2014-2017.
- "Design & Innovation" funded by MHRD. PI - Prof. M. Balakrishnan, Prof. P. V. M Rao (IIT, Delhi) & Co PI- Dr. S. R. N Reddy, Project Grant of Rs. 10 Cr & 90 Lacs for IGDTUW for 2014 -2017.
- "My Smartphone Design and Development (Mek-3/NG)" funded by Micro Soft, Finland, PI - Dr. S. R. N Reddy and Co-PI Ms. Kavita, Project Grant of Rs. 23.4 Lacs for 2014 -15.
- "Development of IoT Course" funded by Intel India, PI - Dr. S. R. N Reddy, Project Grant of Rs. 2.04 Lac for 2014-16.
- "Intel Real Sense", funded by Intel India, PI- Dr. S. R. N Reddy, around Project Grant of Rs. 4.00 Lac for 2015-16.
- "My Smartphone Design and Development (Mek-3/NG)" funded by Micro Soft, Finland, PI - Dr. S. R. N Reddy and Co-PI Ms. Kavita, Project Grant of Rs. 23.4 Lacs for 2014 -15.
- "Development of IoT Course" funded by Intel India, PI - Dr. S. R. N Reddy, Project Grant of Rs. 13 Lacs for 2012-2015.
- "Web Based Mobile Architecture and Programming (MEK-1)" funded by Nokia University Relation, Finland. PI - Dr. S. R. N Reddy, Co PI-Prof. M. Balakrishnan (IIT Delhi) and Dr. Amarjeet Singh (IIIT Delhi), Project Grant of Rs. 13 Lacs for 2012-2015.

- “Development of Embedded Systems Course Curriculum” funded by Intel India. PI - Dr. S. R. N Reddy, Co PI-

Ms. Kavita Sachdeva, Project Grant of Rs. 1.5 Lacs for 2013 - 2015.

Patents Filed

- Dr. S. R. N Reddy, Mr. Suresh Chande, Ms. Nidhi Agarwal, Ms. Jasleen Kaur, Mr. Sanjay Kumar, Mr. Rachit Thukral- Provisional Indian patent on “A system for building, customizing software and hardware interfaces of smart phone using Raspberry Pi” via Application No. 2354/DEL/2015.
- Dr. S. R. N Reddy, Mr. Sanjay Motia, Mr. Pawan, Ms. Garima, Ms. Manisha-

Provisional Indian patent on “Soilmulti parameters, remote monitoring & alerting system using Intel Galileo Gen-2” via Application No: 156/DEL/2015, CBR No. 1206.

Technology Transferred Technology “My Smartphone Kit” has been transferred to Trinity Microsystems Pvt. Ltd.

Student’s Achievements

Following awards and prizes have been won by students of Computer Science and Engineering Department, IGDTUW in various events during 2015-16 :

- Zeenat Shareef, final year student of M.Tech (Mobile & Pervasive Computing) got Best Student Paper Award for the paper “IoT Based Platforms: A Review and Case Study of Intel Edition” at ICEIT Conference on Advances 'in Mobile Communications, Networking and Computing, 16-17 April, 2015.
- Jasleen Kaur, presented My Smart Phone Kit Demo in the Hackathon Event on 21st November, 2015 conducted at JSS Academy of Technical Education, Noida & funded by Microsoft Mobile Relations.
- “TEDKED An Audio Tactile Storybook for Visually Impaired Children” by Ms. Ankita Gulati, M.Tech (Mobile & Pervasive Computing) final year student, under the guidance of Dr. M. Balakrishnan (IIT Delhi) & Dr. S.R.N. Reddy (IGDTUW) won the prestigious Gandhian Young Technological Innovator Award on 08/03/2015 at the awards ceremony held at Rashtrapati Bhavan.
- B.Tech, M.Tech and Ph.D students are actively involved in research and have published more than 25 papers in International / National Journals/Conference Proceedings.

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

The Department of Electronics and Communication Engineering, was established in the year 1998. Since its inception, it has been dedicated to provide dynamic and quality women engineers to the industry and society. In the existing scenario of rapid and sophisticated development in the field of Electronics and Communications and its allied fields, the Department's intent and focus has always been to produce globally competitive and socially sensitized engineering graduates and to bring out quality research in the emerging areas of Electronics and Communication Engineering. The department is committed to provide quality and contemporary education in the domain of Electronics and Communication Engineering through latest curriculum, state-of-the-art laboratory facilities, collaborative ventures with industries and effective teaching-learning practices. Considering the latest trends in industry and research, the department has recently revised the UG curriculum, which will enhance the employability of students.

The Department has always been on a high growth path and has an experienced and dedicated faculty with a strong commitment to engineering education. The Department has excellent faculty members, who, besides teaching, are also active in conducting research and their list of publications in International/National conference proceedings/Journals is overwhelming. The Department, through its highly talented faculty members, offers strong research orientation to students in the areas of Communication Systems, Signal Processing, Embedded Systems, RF & Microwave Engineering, Microelectronics and VLSI Design.

The Department has professional association with IEEE and Women In Entrepreneurship (WIE) chapter to foster technological innovation and excellence for the benefit of society.

Lab Infrastructure

The department has following state-of-the-art laboratory facilities managed by faculty Coordinators and Staff-in-charge:

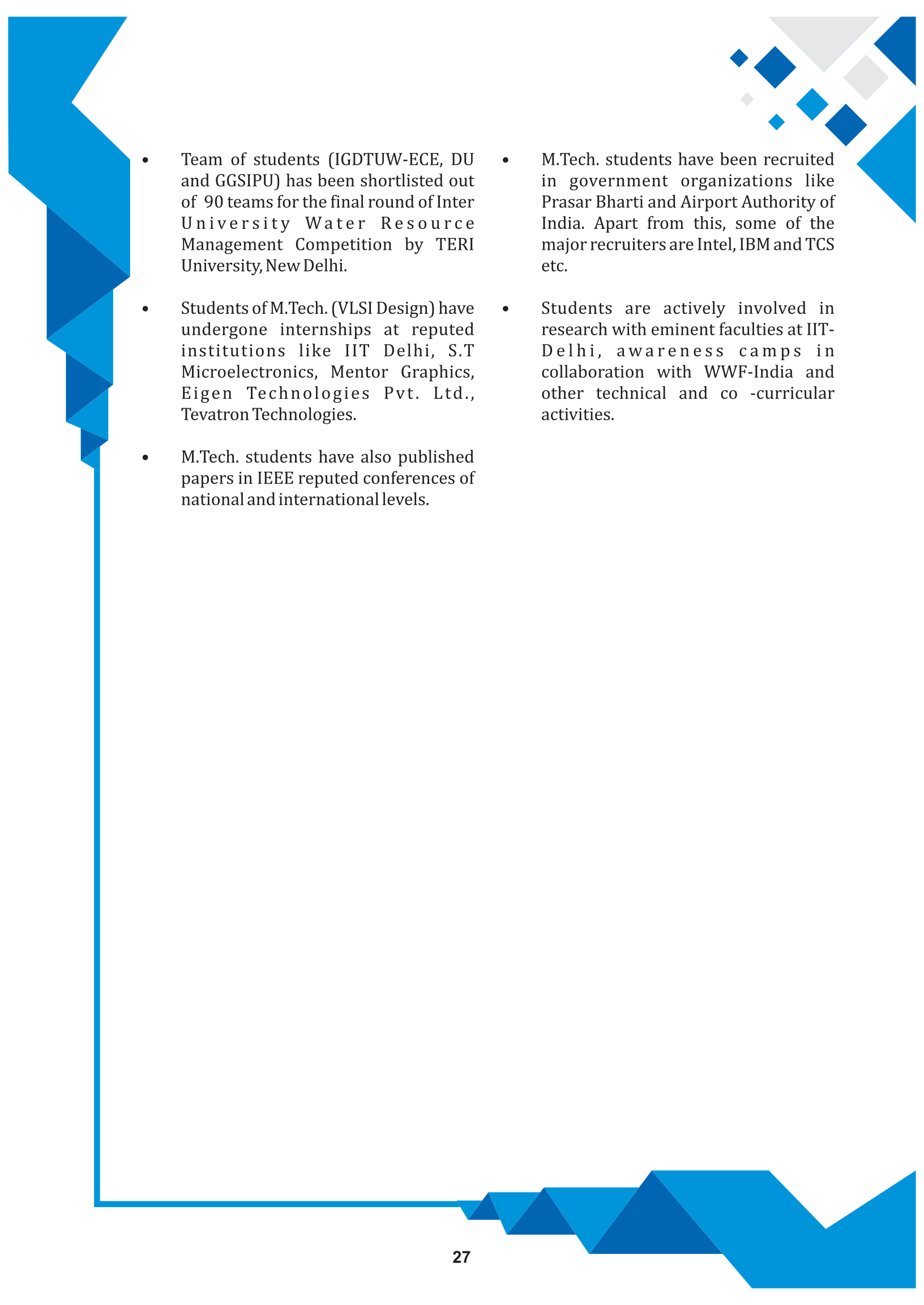
- Digital-Signal Processing
- Communication Engineering
- Analog Electronics
- Microwave
- Telecommunication Networks
- Microprocessors & Microcontrollers
- Digital Circuit & Systems
- Electrical Science & Control Engineering
- Mobile Communication
- VLSI Design
- Optical Communication
- Electrical Machines

- ICT based FDP on “Introduction to Embedded System” in collaboration with NITTTR, Chandigarh conducted from 8th to 12th February, 2016.
- Expert Talk on “VLSI Interconnects” by Dr Rohit Y. Sharma, IIT Ropar conducted on 25th April, 2015.
- Workshop on CADENCE Tools conducted from 7th to 8th April, 2015.
- Short Term Course on “VLSI Design” through ICT in collaboration with NITTTR, Chandigarh conducted from 5th to 9th October, 2015.
- Workshop on SILVACO Atlas conducted on 12th August, 2015.
- Delhi Section IEEE-WIE Chapter & IEEE R10 sponsored Workshop on “Women Entrepreneurship” on 16th October, 2015.
- Delhi Section IEEE-WIE Chapter & IEEE R10 sponsored “Teacher In-Service Program -TISP” on 6th November, 2015.

IGDTUW has received grants under the Special Manpower Development Program for Chips to System Design (SMDP-C2SD) - initiated by Department of Electronics and IT, Govt, of India, as one of the Participating Institution (Category III). In total, SMDP has 60 reputed academic institutions/research organizations/societies like IITs, IIITs and NITs. This program emphasizes on design and fabrication of ASICs/ICs/digital integrated circuits to develop working Prototypes of Systems/sub-systems/Systems on Chip etc, for societal applications or in areas of national interest. A research grant of approximately 1 crore has been received for 2014-19.

Student's Achievements

- Dr. Vandana Niranjana has been awarded Ph.D degree from University School of Engineering and Technology, GGSIP University Delhi in the area of Low voltage VLSI Design in December 2016.
- Paper titled “A FLASH ADC employing FVF based current comparator” presented by Ms. Veepsa Bhatia was given the Best Paper award at the National Conference on Emerging Trends in Electronics and Communication, 2016.
- Final year students won 2nd price for the project titled “Smart Attendance System using RFID Technology and Face Recognition” in Inter College B.Tech Project Competition, GGSIPU 2015.
- Team IGDTUW demonstrated, “Smart Home Appliance Management” at Grid Tech-2015 organized by Power grid on 8th to 10th April, 2015 at Pragati Maidan, New Delhi. This prototype project aims at empowering the elderly people and people with disabilities, to live independently. Team IGDTUW won a cash prize of 10,000.

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- Team of students (IGDTUW-ECE, DU and GGSIPU) has been shortlisted out of 90 teams for the final round of Inter University Water Resource Management Competition by TERI University, New Delhi.
 - Students of M.Tech. (VLSI Design) have undergone internships at reputed institutions like IIT Delhi, S.T Microelectronics, Mentor Graphics, Eigen Technologies Pvt. Ltd., Tevatron Technologies.
 - M.Tech. students have also published papers in IEEE reputed conferences of national and international levels.
 - M.Tech. students have been recruited in government organizations like Prasar Bharti and Airport Authority of India. Apart from this, some of the major recruiters are Intel, IBM and TCS etc.
 - Students are actively involved in research with eminent faculties at IIT-Delhi, awareness camps in collaboration with WWF-India and other technical and co-curricular activities.

DEPARTMENT OF MECHANICAL AND AUTOMATION ENGINEERING

The Department of Mechanical and Automation Engineering was established in 1998. The Department offers B.Tech in Mechanical and Automation Engineering with an intake of 60 students and M.Tech in Robotics and Automation with an intake of 30 students. The department also offers Ph.D in different specializations of Mechanical and Automation.

The Department is built upon its outstanding faculty members who, besides teaching, have been actively involved in various research and professional activities. There have been numerous publications by faculty members in international/ National journals/ conferences covering latest areas of research. The Mechanical and Automation Engineering department of IGDTUW has collaborated with many reputed Indian Industries in the last five years.

Every year meritorious students secure admission to the programs offered by the department. Students conduct projects with research orientation and have been publishing their work in reputed National/ International conferences/Journals in the latest research areas such as Design Engineering, Robotics, CAD/CAM/CIM, Mechatronics, Automation, Computational Engineering, Advance Manufacturing Systems, Automotive and IC Engines. Students of the department have a very active Student Chapter under the aegis of Society of Automotive Engineers (SAE) and American Society of Mechanical Engineers (ASME). Many Car design and EFFI CYCLE competitions, Industrial Visits, Workshops, and Expert Lectures are organized by SAE and ASME student council in which students actively participate and have won various prizes.

Lab Infrastructure

Department provides Laboratory infrastructure for the smooth conduct of practical session for the following courses:

- CAM Lab
- CAD Lab
- Robotics Lab
- Mechatronics Lab
- Engineering Measurement and Metrology Lab
- Manufacturing Technology Lab
- Central Workshop
- Engineering Graphics Lab
- Fluid Mechanics Lab
- Metal Cutting Tool Design Lab
- Automobile Engineering Lab
- Theory of Machines Lab
- Engineering Mechanics Lab
- Quality Control and Quality Assurance Lab
- Refrigeration and Air-conditioning Lab
- Thermal Engineering Lab
- Project Workshop

Student's Achievements

- Aious Formula Student is the official formula team of IGDTUW, which under the guidance of Mr. Vivek Chawla, Asst. Professor, Dept. of MAE successfully participated in the International Formula Design Challenge 2015, held at Kari Motor Speedway, Chettipalayam, Coimbatore from 19th to the 25th of January, 2015. This team received a Special Mention award for competing and reaching a level that even experienced teams had found difficult to achieve.
- The biggest All-Terrain Vehicle (ATV) extravaganza of the country, BAJA SAEINDIA 2014 was successfully conducted in the city of Indore in Madhya Pradesh. Team Yantriki of IGDTUW under the guidance of faculty advisor, Ms. Deepti Chhabra was up by 29 ranks from the last year to an overall rank of 56 among 120 participating teams this time and it bagged the Chairman's award of one lakh rupees from BAJA for its effort and all round performance at the event.
- Supra SAE India is an inter-college competition organized by SAE India in which the student teams have to formulate, model and fabricate a prototype race car for a nonprofessional weekend race. Aious Formula Student Team representing IGDTUW participated in the event held in Madras Motor Sports Track at Chennai in July 2014 and was ranked 2nd out of participating 170 teams in the Virtual round. The team consisted of 22 students from Mechanical and Automation Engineering and 2 students from Electronics and Communication Engineering Department.
- SAE EFFI CYCLE event aimed to provide an opportunity for engineering students by setting up a trend of using eco-friendly vehicles in India & come up with some innovative designs to tackle real world engineering problems. Team Ativirya - IGDTUW had to build a 3 wheeled cycle which should run on human powered mode, on electrical mode and through hybrid modes simultaneously. The team was able to run the cycle for full duration of one and a half hour and was in Top 25 out of 110 teams.
- The Shell Eco Marathon is a worldwide competition which encourages-research and development in the field of automobiles. The Shell Eco-marathon challenges high school and college student teams from around the world to design, build and test energy efficient vehicles. With annual events in the America, Europe and Asia, the winners are the teams that go the farthest distance using the least amount of energy. The Shell Eco Marathon is very high profile competition, attracting the attention of the global media and Engineering communities. The IGDTUW team has designed and fabricated (using bamboo chassis) a very efficient Super Mileage Vehicle for the event.
- IGDTUW ASME student section received 500 US Dollars grant for outstanding start-up of student section. The award was granted on the basis of planned and performed student activities under ASME student section.
- Department of MAE organized various Industrial Visits, Workshops, Technical Fest, Conferences and Conventions under SAE and ASME Collegiate Club, in which various experts from Industry were called to share their experience and knowledge with faculty and students. In these events, students of various institutes also participated and presented their research work, technical papers in diversified domains.

DEPARTMENT OF INFORMATION TECHNOLOGY

The Department of Information Technology, founded in January 2010 is the fastest growing department. The department has shown incomparable innovation, research aptitude, intellectual talent, technical skills, and problem solving skills through active participation of faculty, research scholars and students. Since its inception, the department started a four year B.Tech. (IT) programme in 2010 and a three year post graduate programme in Computer Applications (MCA) in 2011 to nurture talent in the field of Information Technology through IT solution development. With information technology at the peak, there also comes a need of securing the IT environment, hence the department launched a Post-graduate program in Information Security Management (M.Tech. ISM) in 2013 to provide knowledge base and work force with requisite expertise to cater to the needs" of industry and information

technology in enhancing the security dimension of IT and cyber world.

To exemplify research and development, the department started the doctoral program in 2014 and currently 10 research scholars are pursuing the research work in the department. The department has launched an M.Tech. (Information Communication Technology) part-time programme for working professionals from the academic year 2016-17. The department believes in continuous learning and therefore, hosts various Workshops, Faculty Development Program, Conference, Seminars and expert talk sessions on regular basis. The department encourages the students to participate in the various conferences, workshops and other competitions to hone their technical expertise. Technical events like Espectro, Advaya have been successfully conducted by the department under the aegis of ACM Society since 2011.

Lab Infrastructure

- The Department boasts of a state-of-the-art, centrally air conditioned Computer Centre with newly procured high-end configuration computing systems.
- In addition, there are Software Design Lab, Distributed Computing Lab and Information Security Lab to address the growing computing needs of the students at the Department.
- The labs are equipped with around 180 latest configuration computer systems i.e. Intel® Core™ i5 and i7 processors to meet the computing needs of the students.
- The department houses a library of its own to provide focused and concentrated access to the learning material in the field of Information Technology to its students, faculty members and staff.

Technical Activities

- An expert Lecture was organized on "Research Issues in Computer Security", on 11th February, 2015 by Dr. Debin Gao (Ph.D from CMU), Assistant Professor, Singapore Management University.
- IT Department organized a One Day Workshop on "Cloud Computing and Bluemix", conducted by IBM on 22nd January, 2015.

- The Department of IT organized a One day workshop on “IPR Awareness” sponsored by Department of Electronics & IT (DeitY) on 26th September 2014.
- IT Department organized an Expert talk on “Recent Trends in Information Security” by Dr. Sambuddho Chakravarty and Dr. Ponnurangam Kumaraguru from IIIT Delhi on 25th September 2014.
- IT Department organized a summer workshop on “Web/Mobile and Cloud Computing Application development through .Net”, 16th June-26th July, 2014.
- M.Tech (ISM) students along with the faculties attended the “International Conference on Cyber Law & Cyber Crime”, academic partner IGDTUW, held on 13 March 2014 at India International Center, New Delhi organized by cyberlaws. net and Pavan Duggal Associates, Advocates and supported by World Federation of Scientists.

Student's Achievements

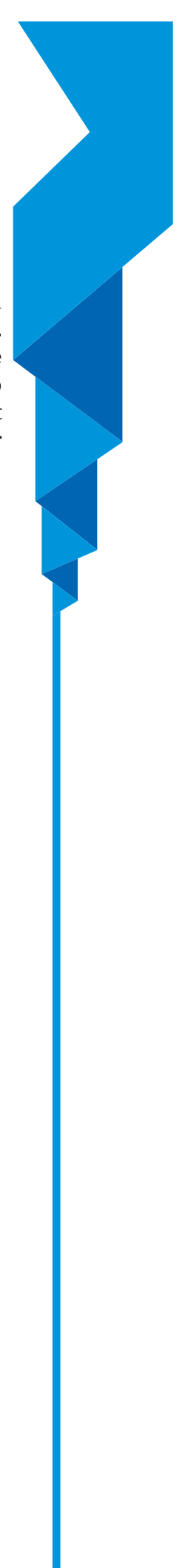
- Poster Presentations by students of M.Tech. (ISM) in 3rd Security & Privacy Symposium held at IIIT Delhi during 13th - 14th February, 2015.
- Final Year B.Tech Project, “Student Teacher feedback system using opinion mining through fuzzy logic”, Faculty advisor Ms. Kokila Gupta, Assistant Professor secured 3rd position in Inter College B.Tech Project Competition 2014, organized by GGSIPU Delhi.
- Three B.Tech final year students secured 2nd runner up position at research post presentation conducted by DSCI and NASSCOM.
- Three B.Tech (IT) final year students also got second runner up position at symposium research poster presentation 2016, conducted by IIIT Delhi.
- B.Tech (IT) final year student has published a paper on “Building a Real Time Analytic Reporting System Dashboard using Google SuperProxy” in International Journal Innovative Research in Computer and Communication Engineering, 2015.
- B.Tech student of IT Department has published a paper on “Analysis of Powerful Benign Features: ORB & BRISK Based on Machine Learning & Computer Vision” ICQRITBO'15 Conference Proceedings by Springer.
- Poster Presentations by students of M.Tech (ISM) in 3rd Security & Privacy Symposium held at IIIT Delhi in February, 2016.
- A team of 4 students from B.Tech got selected in final round of Hackathon organized by Microsoft and they have been invited for the Hyderabad campus.



Ongoing Sponsored Projects

The Department of IT received a project on Information Security Education and Awareness (ISEA) with total Project grant of Rs. 65.30 lakh for the period of 5 years (2015-20) from Deptt. of Electronics and Information Technology, Ministry of Communication and Information

Technology, Govt, of India. The Principal Investigator for the Project is Prof. R. K. Singh and Co- PI is Dr. A. K. Mohapatra. The First instalment of the grants amounting to Rs. 36.06 Lakhs under the research project has been received for the Financial Year 2015-16.



DEPARTMENT OF APPLIED SCIENCES & HUMANITIES

A strong high-rise building can be built only on a strong foundation, which signifies the importance of the Department of Applied Sciences and Humanities. The vision of the department is to become a centre of academic excellence for professional and higher education in Applied Sciences, Management, and Humanities along with a renowned research centre with cutting edge technologies and state-of-the-art infrastructure.

The Department provides and imparts quality education in the area of Physics, Chemistry, Mathematics, Soft Skills & Communication and Management to the future technocrats of all streams. Strong engineering background supported with sound knowledge in basic and applied sciences equips graduates with many skills that would contribute to their success in their careers in academics, research and industry.

The Department of Applied Sciences and

Humanities has highly qualified faculty known for their academic excellence and enthusiastic R&D in thrust areas leading to a large number of research publications in reputed international and national journals. The Department has undertaken several sponsored projects funded by CSIR, DST and UGC etc. There are thirteen registered research scholars involved in active research for Ph.D under different faculty members of the department. Five Research Scholars have successfully completed their Ph.D degrees under the guidance of faculty supervisors in Chemistry and Physics. The department has well equipped laboratories with the latest equipments to support teaching and research activities for undergraduate, post graduate and doctoral programs.

Lab Infrastructure

- Applied Physics Lab I
- Applied Physics Lab II (Optics Lab)
- Applied Chemistry Lab
- Environmental Studies Lab
- Nano materials and Thin Films Lab
- Environmental Analysis and Research Lab
- Digital Image and Speech Processing Lab

On-going Sponsored Projects

- Principal Investigator: Dr Ranu Gadi
"Spatio-Temporal Variability of Aerosols over National Capital Region (NCR), India", funded by

DST, New Delhi, Duration: January 2015 - December 2017, Funding received: Rs. 52 lakhs.

- “Estimates of Indoor Air pollutants emitted from fuels used in residential sector of Northern India”, funded by CSIR, New Delhi, Funding received: Rs. 18 Lakhs. Principal Investigator: Dr. Ranu Gadi.
- “Investigation on Optical Properties of Si-ZnO Nano composites” funded by UGC, New Delhi, Funding received: Rs. 8.5 Lakhs. Principal Investigator: Dr. Chhaya Ravikant.
- “Study of surface plasmons in nanocomposite thin films” Co-Principal Investigator
- DST Nanomission, funded by DST Rs. 12.80 Lakhs. Principal Investigator: Dr. Chhaya Ravikant.
- “Multi-aperture Imaging”, funded by DST, New Delhi, Funding received: Rs. 5 lakhs. Principal Investigator: Dr. Dinesh Ganotra.
- “Panoramic Imaging”, funded by UGC New Delhi, Funding received: Rs. 5 Lakhs. Principal Investigator: Dr. Dinesh Ganotra.

Patents Granted

The following two Indian patents have been granted, by Patents Authority of India, in collaboration with National Research Development Corporation of India:

- “A method of depositing thin films of metals and non metals” Patentee: Prof. M.P. Srivastava, Savita Roy and Chhaya Ravikant, Patent No. 232763, Dt: 21/03/2009.
- “A method of depositing thin films of non metals” Patentee: Prof. M.P. Srivastava, Savita Roy and Chhaya Ravikant, Patent No. 218110, Dt: 31/03/2008.

DEPARTMENT OF ARCHITECTURE AND PLANNING

Humans are natural entities and the forces of nature affect their physical and mental health. Since the evolution of human race, a conscious and continuous effort has been made by them, to create neighbourhood in a manner that brings mental happiness. Architecture is art and science of designing space and serving the multifarious activities of human beings and meeting their specific needs in meaningful built environment. Architecture uses philosophic wholeness of humanities, logical rationalism of science, the passionate imagination about art and inexhaustible resources of technology. It calls for originality, creativity, conceptualization, perception, aesthetics, values and holistic judgment of people, places, objects and events. With the evolution of well formed approaches of architecture creations, gradually it has emerged as a profession and formal education started in this area. When more complex urbanization came into existence because of its broadened scope and baffling complexity, architecture has generated specializations like structure design, urban design, city planning, landscape architecture, interior architecture, construction management etc. Each of these compliment and support each other. Creativity is the essence of architecture, and harmony is the essential aim of architects. The architecture that has been recognized as great should be harmonious with nature and its immediate environment.

In Indian context, with growing population and depleting resources, education in architecture is gaining more importance. The need to produce professionals who have taken formal education in architecture and who can contribute in nation building is much felt. As it is becoming a profession, the monetary aspects are now included in the works of architects, and their services are commercialized. Because of the fact that architecture is now developing as a profession the knowledge of professional ethics, rules and regulations of professional practice, responsibilities and rights of professionals performing practice in this area is becoming mandatory. In the light of many additional, dimensions added to the field of architecture, the formal education in architecture is much sought course now a days. Today, architecture is being recognized as an intellectual discipline, both as an art and as profession. Architects make vast contributions in shaping of our environment, society and in the design. In INDIA we have further complexities of different social, cultural, geographical, economical and technical nuances, which are unique and typical of every region in our country. With this aim the Department of Architecture and Planning is established to impart good quality education in the area of Architecture and Planning.

Lab Infrastructure

The following facilities of the Department are being setup:

- Climatology Lab
- Material Museum
- Resource Room
- CAD lab
- Survey lab
- Carpentry and Metal cutting workshop
- Foundry and Clay modeling workshop

Student's Achievements

- ARCHUMEN '16-second year students placed at 6th All India position in Archumen QUIZ, 2016 held at SPA Delhi on 30th September, 2016.
- First year B.Arch. students attended Zonal NASA as observers in November, 2016. (2nd 2016 - 4th November, 2016).

Student Activities

- Three day Educational tour to Chandigarh was conducted with visits to Le Corbusier Museum, Capitol Complex, Chandigarh College of Architecture, etc. (3rd-5th November, 2016).
- Three day Educational tour to Dehradun - Musoorie successfully conducted to understand vernacular architectural style in cold climate. (25th - 28th February, 2016).
- Workshop on 'Nature and Structures' held with Ar Peu Das, Charles Wallace scholar, Visiting Faculty to SPA, USAP and Sushant School of Architecture on 11th November, 2016.
- Visit to Fatehpur Sikri fort complex for study of Mughal Architectural style on 18th February, 2017.
- Visit to Commonwealth Village, Akshardham for study of Rain water Harvesting systems, on 21st October, 2016.
- Visit to Sanskriti Kala Kendra to study Cost Effective Architecture on 9th September, 2016.
- Visit to DS Door factory to study Door/ Window manufacturing process on 24th October, 2016.
- Visit to Lodhi Gardens for study of Monuments.
- Students attended 'Kanch ki Paathshala' at Pragati Maidan- a workshop on different types of glasses, technical details pertaining to use of glass in building industry on 9th December, 2016.
- Visited ACE Building Material Exhibition at Pragati Maidan on 15th December, 2016.
- Vendor Demonstrations at IGDTUW on Total station Surveying held on 6th October, 2016.
- Active participation by students in home University fests Innerve (14th-15th October, 2016) and Tarangana (3rd-4th February, 2017).

Faculty Achievements

- Dr. Preeti Vajpeyi was awarded Teaching Excellence Award in Star Contributor to Education K-12 Category, by The Progressive Teacher, 2015.
- Dr. Preeti Vajpeyi presented in Globalizer Summit held in June 2016 in London, UK, her research work titled 'Building as Learning Aid' or Ba LA selected as Idea for Globalization by Ashoka Innovators for the Public, Washington, USA and UK and Lego Foundation, Switzerland and Denmark, 2016.
- Dr. Preeti Vajpeyi co-authored compilation of resource document on Developing Child Friendly and Inclusive Aanganwadis with Building as Learning Aid in West Bengal, supported by Unicef, to be published by Department of Women and Child Development and Social Welfare, Government of West Bengal, 2016.
- Dr. Preeti Vajpeyi delivered a Talk on "BALA" Framework in IIT Delhi in April and November, 2016.
- Ar. Preeti Chauhan was an eminent jury in Design Wall 2016 organised by ACETEC, The Economic Times Venture.
- Ar. Preeti Chauhan Organised a painting Competition at Home University Level on 15th August, 2016.
- Ar. Preeti Chauhan was invited mentor for "Walk the Talk" with your mentor workshop organised by ACETECH in Pragati Maidan in December, 2016.
- Ar. Sneha Maji participated as a member of expert panel for group discussion "For E-Governance" for UX Now Iterarte in IIT Delhi in November, 2016.
- Ar. Venus Kashyap presented poster and participated in DWIH Cityscapes Indo German Conference, conducted by The German House for Research and Innovation, New Delhi, October, 2016.
- Ar. Venus Kashyap attended DAAD Young Ambassador training workshop conducted by Deutscher Akademischer Austauschdienst, New Delhi, August, 2016.
- Ar. Venus Kashyap was chosen as DAAD Young Ambassador, Germany (2016-17).
- Ar. Kshitij Kumar Sinha participated and presented a research Paper on "Learning Architecture Beyond Classroom- Realizing the Potential of Fully Residential Course" under the theme of Pedagogy and Practice in the National Conference on Architecture & Beyond (NCAB 2017)' organized at Vidya Pratisthan's School of Architecture, Baramati, Pune, Maharashtra on February 25, 2017
- Ar. Kshitij Kumar Sinha's Research Paper titled "Learning Architecture Beyond Classroom- Realizing the Potential of Fully Residential Course" got published by International Journal of Research in Civil Engineering, Architecture & Design Volume 5, Issue 1, January-March, 2017, pp. 06-10 ISSN Online: 2347-2855, Print: 2347-8284
- Ar. Kshitij Kumar Sinha's Research Paper titled "Making Architecture relevant for India: The need to create Social Leaders" has been shortlisted for Publication under the International Conference on Emerging Trends in Engineering, Technology and Architecture (ICETETA 2017) to be held by D.Y. Patil College of Engineering and Technology, Kolhapur on 11th March 2017.

The paper will be published in a special issue of "International Journal of Engineering Research and Technology" (IJERT ISSN no 0974 3154) with Research India Publications.

- On 04th March 2017, Ar. Kshitij Kumar Sinha presented an expert talk on "NetZero Building- An answer to India's Energy Concern" in AICTE sponsored Short term course on "Recent Trends In Building Services For Architecture & Constructor Engineering" held from 27th February 2017- 10th March 2017) organized under QII banner by Madhav Institute of Technology & Science (MITS), Gwalior.
- Ar. Kshitij Kumar Sinha has also been invited to deliver an expert talk on 20th and 21st March 2017 in AICTE sponsored Short term course on "Infrastructure Development". held from 15th March 2017- 25th March 2017 organized under QIP banner by Madhav Institute of Technology & Science (MITS), Gwalior.

Faculty Development Programmes

- Ar. Preeti Chauhan participated in "National workshop on hydro power and environmental issues" organized by IIT Roorkee at Haridwar.
- Ar. Sneha Maji participated in Seminar UX Now as part of an eminent panel in IIT Delhi, November, 2016.
- Ar. Sneha Maji participated in Design workshop on "Creativity, design strategy and opportunity mapping" held in National Institute of Design, Ahmedabad from 12th -16th December, 2016.
- Ar. Sneha Maji attended one week ICT based training programme on "Communication Skills" in collaboration with NITTTR Chandigarh in December, 2016.
- Ar. Sneha Maji attended one week ICT based FDP on "Optimization Using Matlab" in collaboration with NITTTR Chandigarh in October, 2016.
- Ar. Sneha Maji attended one-week ICT training programme on "Entrepreneurship and Business Incubation using Blue Ocean Strategies" at IGDTUW in collaboration with JNITTTR Chandigarh, November 2016.
- Ar. Venus Kashyap participated in GIAN course on "Green Buildings - Philosophy, Design, Implementation & Performance", organised by Indian Institute of Technology, Roorkee, from 2-13 January, 2017.
- Ar. Venus Kashyap participated in Design workshop on "Creativity, design Strategy and opportunity mapping" held in National Institute of Design, Ahmedabad from 12th -16th December, 2016.
- Ar. Venus Kashyap attended one week ICT based FDP on "Optimization Using Matlab" in collaboration with NITTTR Chandigarh, October 2016.

- Ar. Venus Kashyap attended one-week ICT training programme on “Entrepreneurship and Business Incubation using Blue Ocean Strategies” at IGDTUW in collaboration with NITTTR Chandigarh, November 2016.
- Ar. Venus Kashyap attended one week ICT based training programme on: "Communication Skills" from in collaboration with NITTTR Chandigarh, December 2016.
- Ar. Kshitij Kumar Sinha participated in a five day Teachers Training Program on 'From Literary Phrases to Architectural Spaces: The Design-Theory Workshop' which was held at Council of Architecture-Training & Research Centre (COA TRC), Pune from December 19-23, 2016.
- Ar. Kshitij Kumar Sinha Participated in One Week ICT based training programme o "Communication Skills" from 5th - 9th December, 2016 at IGDTUW in collaboration with NITTTR Chandigarh.
- Ar. Amit Agarwal attended International Workshop by INTACH Belgium, related to historical mapping of Lost Gardens of Khajuraho, at Khajuraho, M.P.
- Ar. Amit Agarwal attended Workshop by Peu Das, Structure in Nature, Department of Architecture and Planning, IGDTUW, Delhi
- Ar. Amit Agarwal attended Kaanch ki Pathshala, a seminar dedicated to use of glass in building industry
- Ar. Amit Agarwal attended International Seminar organized by Ambedker University, Delhi in partnership with Center for community knowledge and International institute for Asian Studies titled Revisiting Delhi, Urban.

RESEARCH PUBLICATIONS

- Manisha B., Monika C., "Analysis of various algorithms for cancer cell detection", Cyber Times International Journal of Technology & Management, Vol. 9 Issue 1, October 2015 - March 2016.
- P. Sai, Monika Choudhary, "Advances in Image Processing and its applications in automatic detection of Diabetic Retinopathy: A Delineation" Cyber Times International Journal of Technology & Management, Vol. 9 Issue 1, October 2015 - March 2016.
- Pundir, Barkha, Monika Choudhary, and S. R. N. Reddy. "iCloudSpace: an Open Source Private Cloud Solution for College Campus", National Conference on Product Design (NCPD) 2016.
- Sagar, Medha, Arushi Gupta and Rishabh Kaushal. "Performance prediction and behavioral analysis of student programming ability." Advances in Computing, Communications and Informatics (ICACCI) International Conference on IEEE, 2016.
- Kardam, Kajol, Akshita Kejriwal, Kirti Sharma and Rishabh Kaushal "Ranking scholarly work based on author reputation." Advances in Computing, Communications and Informatics (ICACCI), International Conference on IEEE, 2016.
- Sinha, Pooja, Oshin Maini, Gunjan Malik and Rishabh Kaushal "Ecosystem of spamming on Twitter: Analysis of spam reporters and spam reportees", Advances in Computing, Communications and Informatics (ICACCI), International Conference on IEEE, 2016.
- Jain, Suchita, Vanya Sharma and Rishabh Kaushal. "Towards automated real-time detection of misinformation on Twitter", Advances in Computing, Communications and Informatics (ICACCI), International Conference on IEEE, 2016.
- Dewangan, Madhuri, and Rishabh Kaushal. "SocialBot: Behavioral Analysis and Detection." International Symposium on Security in Computation & Communication. Springer Singapore, 2016.
- Agrawal, Himanshi, and Rishabh Kaushal. "Credibility Assessment of Public Pages over Facebook." International Symposium on Security in Computing & Communication. Springer Singapore, 2016.
- Gupta Sugandha, and Rishabh Kaushal. "Vulnebdroid: Automated Vulnerability Score Calculator for Android Applications". International Symposium on Security in Computing and Communication. Springer Singapore, 2016.
- Malik Jyoti, and Rishabh Kaushal. "CREDROID: Android malware detection by network traffic analysis". Proceedings of the 1st ACM Workshop on Privacy-Aware Mobile Computing. ACM, 2016. (co-located with MobiHoc Conference, 2016)
- Singh, Pratima and Rishabh Kaushal. "Tie strength prediction in OSN". Computing for Sustainable Global Development (INDIA Com), 3rd International Conference on.

- Agrawal Himanshi and Rishabh Kaushal. "Analysis of text mining techniques over public pages of Facebook." Advanced Computing' (IACC), IEEE 6th International Conference on IEEE, 2016.
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- Jain, Suchita, Vanya Sharma, and Rishabh Kaushal. "Politically: Finding political friends on twitter." IEEE International Conference on Advanced Networks and Telecommunications Systems (ANTS). IEEE, 2015.
- Dayani, Raveena, Nikita Chhabra, Tarun Kadian. and Rishabh Kaushal. "Rumor detection in twitter: An analysis in retrospect." IEEE International Conference on Advanced Networks and Telecommunications Systems (ANTS). IEEE, 2015.
- Richa Yadav, Gull Kaur, "Implementation of Improved Fractional Order Capacitor Approximations in Analog Circuits," India International Conference on Information Processing (IICIP), held at DTU during 12-14 August, 2016.
- Manali and N. Z. Naqvi, "Smart public transport system using mobile phone based sensing" Annual IEEE India Conference (INDICON), New Delhi, 2015, pp. 1-5.
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- Manali and N.Z Naqvi "RFID based traffic monitoring and management for smart cities" accepted for oral presentation in International Conference on Recent Trends in Computer Science, E-Learning, Information & Communication Technology" (CSIT) at Jawaharlal Nehru University, New Delhi, June, 2016.
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- Preeti Vajpeyi Co-authored "compilation of resource document on Developing Child Friendly and Inclusive Aanganwadis with Building as Learning Aid" in West Bengal, supported by Unicef, under publication by Department of Women and Child Development and Social Welfare, Government of West Bengal, 2016.

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- Ratna Priya Kanchan, Dr. Manoj Soni; “Isolated Spoken Word Recognition Using Hidden Markov Model “, International Journal of Advance Research And Innovative Ideas In Education (IJARIE), ISSN(O)-2395-4396; Vol 2, Issue 4, 2016, pp: 101-110.
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- Maninder Kaur, Jasdeep Kaur, "Oscillation Based Testing for Low Voltage Two stage. Operational Trans conductance Amplifier" in International Journal of Scientific and Engineering Research (USER), volume 6, Issue 10, October 2015.
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- Bhawna Tiwari and Nidhi Goel, "Implementation of a fast Hybrid CORDIC architecture," Accepted in 2nd IEEE International Conference on Computational Intelligence and Communication Technology, Ghaziabad, India, February 2016.
- S. Chawla and ,N. Goel, "FPGA Implementation of an 8-bit AES Architecture: A Pipelined and Masked Approach," in 2015 Annual IEEE India Conference (INDICON), New Delhi, India, Dec 2015.
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INFRASTRUCTURE AND CENTRAL FACILITIES

Computer Centre

The University has a centralized computing facility housed in the 'Computer Center', which is equipped with high end configured computer systems. Each computer (HP 8100 Elite SFF or 8300 Elite SFF series) runs Intel Core i5-650 3.2 GHz processor aptly supported with a minimum

4GB RAM and hard disk space of 320 GB. The hardware is configured to operate in a dual mode providing support for the two broad classes of operating systems namely Windows Professional Edition and Linux based Ubuntu-12.04, with a Long Term Support.

Learning Resource Centre

Learning Resource Centre (LRC) serves as the premier source of academic information for the university community through its rich collection of textbooks, journals and reference material. The LRC has a focused collection of print, electronic, and audio-visual materials in the areas of science, engineering, technology, technical communication and management to support the learning and research activities of students and faculty. A Book Bank facility is offered to all the students who are enrolled in any of the programs offered at the university campus. All the journals are

available online to the members of the LRC in campus LAN. The Digital Library section has e-materials like CDs, DVDs and digital thesis of final year students and is available through Open Source Institution Repository Software within the campus premises. OPAC (Online Public Access Catalogue) is available at university's intranet. User may use OPAC to ascertain availability of material needed by them. Users may log on to OPAC to verify their circulation data, to resend documents, to suggest a new document to be procured for the library.

Hostel Facilities

The University has two women hostels - Krishna Hostel and Kaveri Hostel, to accommodate approximately 300 students. These two hostels are located in the University campus. These hostels provide a safe, secure and clean environment for the students, to grow, learn and mature in the society away from their own homes. The hostel authorities always facilitate creation of environment for the students to study, do well in their academics and their future career. All rooms are on twin/triple sharing basis and are equipped with individual beds, chairs, built-in cupboards and study tables. In addition to this, IGDTUW Hostels provide purified drinking water, housekeeping services, wi-fi facility, Newspaper/Magazines, TV, Washing machines, facilities for hot water for residents, paid laundry services etc. The residents use the campus play ground for games like Basket Ball, Badminton and skating. An indoor table-tennis court and badminton

court also exist in the hostel premises for the residents. The hostel has its own gymnasium for residents and a Cooperative General Store with items for day to day needs of the hostel residents.

Hostel accommodation is limited and will be allotted to full-time bonafide students of IGDTUW satisfying the eligibility criteria for hostel admission subject to availability. The allotment, accommodation in the hostel is made on the basis of IGDTUW Hostel Rules and Regulations mentioned in the hostel brochure.

Students desirous of seeking hostel admission shall apply immediately after the completion of their admission process for IGDTUW. Students are required to produce the university admission fee receipt at the time of submission of application for the hostel admission.

Medical Facilities

The health services at the university are provided through the Health centre located in the campus. The dispensary is equipped with over the counter medicines, bed to rest in,

medical equipment physical screening tools and first aid facility. A team of one registered medical practitioner along with one registered nurse is available from 09:00 am to 05:00pm.

Bank

A branch of Punjab and Sind Bank is available in the university premises with ATM facility enable students, faculty and staff members to

receive convenient banking and money withdraw services.

IT Services

IT Services Division provides NKN and Internet services to the various Departments of the University and Krishna & Kaveri Hostels 24x7. Around 500 computers installed in the

campus are connected with a local area network which is being managed and maintained by IT Service Division.

Campus Placements

The Training and Placement Cell facilitates the campus recruitment program at IGDTUW. T&P cell comprises of highly energetic and dynamic team of students and faculty members of the University under the leadership of Dr. AK Mohapatra, Associate Professor, Department of IT. T&P team is consistently

striving to enhance the quality and quantity of the placements in the university. The University T&P Cell facilitates nearly 100% placements with multiple job offer to the students of IGDTUW year after year. During the recruitment drive more than 50 companies visit the campus every year.

PLACEMENT AT A GLANCE

S. No.	Company Name	Stipend/CTC (Rs.)	Total Offers
1	Qualcomm	13(UG)/I6(PG) LPA '	2
2	Intuit	FTE- 19.83 LPA, Intern- 45000	6 + 2*
3	NetApp	Intern- 35000, FTE-13 LPA	2*
4	Amazon	Intern- 35000, On PPO- 27 LPA	8*
5	SAP Labs	10 LPA	3
6	Microsoft GD	12 LPA	17
7	Oracle	9.5 LPA	5
8	Axtria	6 LPA	4
9	Sabre	Intern- 25000, FTE-6.5 LPA	9*
10	Opera Solutions	6 LPA	1
11	ARM	Intern- 40000, FTE-10LPA	4
12	Expedia	Intern- 30000, FTE- 12 LPA	3 +2*
13	GE Aviation	7.5 LPA	3
14	Dr Reddy	4 LPA	1
15	Cisco	Intern-44000, FTE- 14 LPA	7 + 5*
16	TCS	3.36(UG)/3.51(PG) LPA	54
17	Accenture	3.5 LPA	67
18	Nestle	6 LPA	1
19	NUT Technologies	7 LPA	6
20	Azcom	6.5 LPA	4
21	HUL	7 LPA	5
22	Blackstone	Intern- 1000 per day	3*
23	FICO	Intern- 25000, FTE- 6.75 LPA	5*
24	Adobe	22 LPA	3
25	Coviam	8 LPA	2*
26	Yamaha	4 LPA	3
27	ABB	4.5 LPA	0
28	Mahindra	6 LPA	2
29	Visa	18 LPA	3
30	Libsys	5 LPA	2

* Internship

IGDTUW ANVESHAN FOUNDATION

An incubation Centre has been established at IGDTUW by the Govt. of NCT of Delhi for promoting the innovations, entrepreneurship, start-ups, product designs and Intellectual Property by the students, faculty, staff and alumni etc. in collaboration with Industry and Government sector to create employment for social and economical development of the country. Apart that IGDTUW, five other Institutes of Delhi, including DTU, NSIT, IITD, AUD and SSCBS have also been selected for the same.

The Incubation Centre was inaugurated by

Hon'ble Dy. CM on 12th May, 2016. An initial seed amount of Rs. 1.5 Crore has also been received by the University from the Govt. of NCT of Delhi A company pursuant to sub-section (2) of section 7 of the Companies Act, 2013 and rule 8 of the Companies (Incorporation) Rules, 2014 with name "IGDTUW-Anveshan Foundation" has been incorporated for the smooth conduct of activities under Incubation Centre. This company will invite the proposals and business ideas from the students, faculty, staff and alumni for funding as well as other technical and infrastructure support.

CULTURAL AND TECHNICAL EVENTS ORGANIZED

- Women in Entrepreneurship Talk IEEE & WIE IGDTUW presented a daylong event having enlightening talks by world renowned speakers, Prof. Nupur Prakash, Mr R. Sreenivasan, Ms Rajni Kakkar and MRunjhun Gupta, on Women in Entrepreneurship on 16th October 2015 at the university.
- Spic Macay Programmes Padmashree Shovana Narayan Ji on 28th October 2015, recognized nationally and internationally for her outstanding contribution to the field of Kathak, graced our campus with her presence and performance. The audience was left enthralled by her mesmerizing performance.
- Another Dance Recital by Smt. Bharati Shivaji (Padmashree), Indian classical dancer of Mohiniyattam and Sangeet Natak Akademi Awardee was organized on 21st October, 2016 at IGDTUW. The audience was captivated with her enthralling performance. The event witnessed a good gathering and turned out to be a great success.
- TISP (Teacher in Service Program) Teacher in Service Program is a networking and professional development workshop, which is conducted from time to time by IEEE. It's workshop was organized in IGDTUW on 6th November 2015 which provided a forum for IEEE volunteers to demonstrate the application of engineering, science and mathematics concepts by sharing their real-world experiences with local pre-university educators having interactive sessions with our guest speakers Ms. Aradhana Sharma and Ms. Anu Agrawal.
- IEEE Darrel Chong Award 2016 SPARSE is a IEEE WIE IGDTUW initiative, with the motto of enlightening the young minds and making them Smile, where IEEE student volunteers interact with girls from orphanage Kilkari at Kashmere Gate, Delhi and facilitate their learning and development. IEEE IGDTUW Student Branch has received the prestigious IEEE Darrel Chong Award. 2016 for this contribution to the society.
- PROJECT KHIDMAT The Enactus club of IGDTUW started a Project Khidmat, which targets the community housewives from lower income homes, to start a Tiffin service to provide homemade food to college students and office-goers who are staying away from their homes. It has created job opportunity for these women and provided them with a way to uplift their financial status. Team Enactus IGDTUW bagged the first prize in the Rookie League for this project

- SAE SUPER MILEAGE 2016 Team Panthera, a team of 15 students from Mechanical and Automation Engineering department of Indira Gandhi Delhi Technical University for Women participated in S/Super Mileage, an international competition hosted annually by the Society of Automotion Engineers (SAE) in association with Eaton Corporation. This year, it was held during 9th-10th June, 2016 in Eaton Proving Grounds, Marshall, Michigan, USA. The main objective of this competition was to design a fuel-efficient car prototype powered by an internal combustion engine. Team Panthera won the "Best Overall Team Attitude Award", with cash prize of \$100 and bagged 7th rank from the 30 teams from round the globe. This vehicle, IRIS 1.0 had a mileage of 177 kmpl.
 - SUPRA SAE INDIA 2016 AIOUS FORMULA STUDENT, the official FSAE team of Indira Gandhi Delhi Technical University for Women successfully participated in SUPRA SAE INDIA 2016 held Buddha International Circuit, Greater Noida from 4th July to 9th July, 2016. The competition aimed at conceptualizing, designing and fabricating a Formula Style Race C; Aious Formula Student were awarded with the "Best team Award with maximum Girl Participation" in the competition out of the 180 teams that participated from various technical colleges all over India. The team won a Rupees 25000 cash prize.
 - BLOOD DONATION CAMP Rotary Club of IGDTUW organized a Blood donation camp on the 8th of March, 2016. The equipment was provided by the Rotary Noida Blood Bank and personnel from the administered the tests and the blood donations. We collected 105 units of blood in a litre over three hours.
 - E-Summit 16 Panel Discussion A Panel Discussion on "Starting young innovators, today, leaders tomorrow" was organized by the EDC club of IGDTUW on 1st and 2nd April 2016.
- Panelists for the event were Mr. Sandeep Mann (Moderator), Miss. Sahiba Sethi(Founder, Hellomeets), N Pramod Joshi (Co-Founder and Director, The Winning Mantra), Miss. Runjhun Gupi Founder, Zipout), Mr. Ankit Machha (Program Co-ordinator, icreate, Ahmedabad) a Prof. Bibhu Biswal (DIC, Cluster Innovation Centre).
- Life Skills Sessions & the Society - Instinct IGDTUW organized a first of its-kind session on 29th October, 2015 to provide student faculty and staff members with inputs on Life Skills. The speaker was Dr. Smita Deshpande Consultant, Professor & Head, Dept, of Psychiatry, De-addiction Services Resource Center for Tobacco Control, PGIMER-Dr. Ram Manohar Lohia Hospital, NE Delhi. She delivered an interactive session on the topic "Virtual Vs. Real world and impact".
 - The second session was organized on 'Time and Stress Management' on 17th February 2016 which was as successful as its predecessor. The speaker, Dr. Ravinder Singh, Senior Scientist, Indian Council of Medical Research enlightened the audience on Stress and Time Management. Inspired by the relevance and success of both the above sessions a Life Skill society, by the name of Instinct, was initiated in July 2016. The society has conducted five sessions so far on topics like, Finding Real happiness, Procrastination, Self Introspection etc. and two open peer discussions.
 - Azadi 70 Celebrations IGDTUW celebrated the 70th anniversary of India's Independence by observing "Freedom Fortnight" or "Azadi 70", from 9th to 23rd August, 2016. Various event slike painting competition, debate competition and street play were organized on the theme "Yaad karo Qurbani". IGDTUW students actively participated in these events and paid tribute to the martyrs in the-freedom struggle.

STUDENT'S ACHIEVEMENTS

- Sanya Khurana, MCA 3rd year student has been awarded with 2 prestigious scholarship namely Google Anita Borg memorial scholarship and Facebook Grace Hopper conferences Scholarships. She was invited to the Lean in Regional Conference 2016, United States of America (Palo Alto, California) at Facebook headquarters and Stanford University. As a part of the conference, she got the opportunity to dine with Shei Sandberg, Facebook COO at her place on August 13, 2016.
- YansiKeim, M.Tech (ISM) student got 1st Prize in ISEA Quiz conducted by Electronics Niketan, New Delhi
- Rashmi Singh, M.Tech (ISM) student awarded with the Student Scholarship to attend the Grace Hopper Celebration of Women in Computing India (GHC1) 2016 conference.
- Deepika Varshney, M.Tech (ISM) student received Certificate of Merit award for securing 2nd position in Poster Presentation in the summer workshop on "Online Social Media Developer Perspective" conducted by ACM student chapter, IGDTUW from 6th June 2016 to 21st July 2016.
- Rashmi Nain, Manika Shekhar, Kanika Pasrija and Manisha Narang, students of B.Tech (IT) Final Year Qualified to the top 8 finalists of India in iDEATE- The Great India Digital Challenge of Cisco conducted on 28th January 2016.
- Kritika Pasricha and Sanchi Agarwal students of B.Tech (IT) Final Year and Priya Bansal student of B. Tech (IT) Third Year secured AIR 18, AIR 19 and AIR 78 respectively Visa Code UR Way Women Code Sprint conducted on 23rd September 2016.
- Smiti Aggarwal student of B. Tech (IT) Third Year was one of the Semifinalist at IF Kolkata b-plan competition conducted on 25th February 2016.
- Pragya Gupta student of B. Tech (IT) Third Year was selected for Amazon Mentorship Program on 22nd November, 2016.
- Utkarsha Goswami and Bhavya Garg students of B. Tech (IT) Third Year secured Second Position in Hack'It Girls Hackathon, conducted on 6th October, 2016.
- Shivani Dogra student of B. Tech (IT) Third Year was selected as Google Ambassador on 16th February 2016.
- B.Arch. students participated in ARCHUMEN 16-17, India's Biggest Architectural Quiz. A total of about 400 students from various colleges from North India participated in the quiz. Four students from Department of Architecture and Planning, IGDTUW qualified and reached top 14. A team of 2 students reached top 12 and participated in the buzzer round.


INTERNATIONAL PARTICIPATIONS

- Prof. Nupur Prakash attended a U.S. Department of State-funded exchange programme implemented by the University of Nebraska at Omaha for women in higher education administration from 19th June to 6th July 2016. During this course, she spent two week at University of Nebraska in Omaha and one week in Washington DC. She participated seminars, workshops, field visits and trainings aimed at developing women as professional higher education administrators. The program was focused on empowering women to build inclusive, democratic societies and encouraging educational institution building.
- Dr. S. R. N. Reddy, Associate Professor and Head, Department of Computer Science Engineering attended and delivered talk in Intel Asia Innovation Summit held at Taip- Taiwan on Nov. 16-17, 2016.
- Dr. Nathi Ram Chauhan, Head , Dept, of Mechanical and Automation Engineering participated and presented a research paper in Malaysian International Tribolo, Conference held at Penang, Malaysia from November 15-18, 2015.
- Dr. Preeti Vajpeyi, Head , Dept of Architecture and Planning presented a Research paper titled “Building as Learning Aid” or Ba LA in Gloa balizer Summit held in June 2016 London, UK and was selected as Idea for Globalization by Ashoka Innovators for the Public, Washington, USA and UK and Lego Foundation, Switzerland and Denmark, 2016.
- Mr. Rishabh Kaushal, Assistant Professor, Dept, of IT participated and presented research paper in 14th Annual International Conference on Privacy, Security and Tru Auckland, New Zealand held during 14th - 16th December, 2016.


TRAINING, WORKSHOPS AND CONFERENCES ORGANIZED

- Department of CSE organized 7th Summer Training Program on “Build Your Smart Device from 06-06-2016 to 15-07-2016 in collaborations with Microsoft, Intel, D1C-MHRD, it was attended by approximate 100 participants.
- Department of CSE organized five days workshop on “Build My Smart Device” at NITTTTR Chandigarh in May 2016.
- Department of CSE organized an one day workshop at National Conference on Product Design 2016 at M.S.Ramaiyya Institute of Technology, Bengaluru.
- Department of MAE organized Expert Lecture on “Issues in design and working of thermal power plants with influence of ash content in coal on design of a boiler” by Prof. YVI Sastry, DTU, Delhi on 01-12-2015.
- Department of MAE organized Expert Lecture on “Intelligent Mechanical Engineering technical aspects , in body function” by Prof Sneh Anand, Head of Biomedical Engineering Department, IIT Delhi on 21-03-2016.
- Department of MAE organized Expert Lecture on “Power Electronics Applications in Industry” by Prof. S.C. Kapoor, Professor Emeritus, Lingaya University, Faridabad on 21-10-2016.

- Department of MAE organized Expert Lecture on “Alternative Fuels” by Prof. L.M. Das, Professor Emeritus, Centre for Energy Studies, IIT Delhi on 04-11-2015.
- Department of MAE organized Expert Lecture on “Low Cost Automation” by Prof. R.A. Khan, Department of Mechanical Engineering, retired from Jamia Millia Islamia, New Delhi on 02-11-2015.
- Department of MAE organized Expert Lecture on “Recent Trends for Design of Power screws” by Prof. O.P. Grover, Department of Mechanical Engineering, DTU, Delhi on 16-10-2015.
- Department of MAE organized Expert Lecture on “Analysis & Design Modeling of Mechanical Components” by Mr. Anuj Saxena, Director, Exxon Engineering Services Pvt. Ltd., Faridabad on 06-11-2015.
- Department of ECE organized Training on “CAD Tools- SILVACO ATLAS “by Microchitronix Systems on 20th-21st August 2015.
- Department of ECE organized ICT Based FDP on “VLSI Design” in collaboration with NITTTR, Chandigarh on 5th - 9th October 2015.
- Department of ECE organized Expert Talk on “Differential Amplifiers” by Prof. Mukul Sarkar on 7th March 2016.
- Department of ECE organized “One day workshop on “LabVIEW” by National Instruments (NI), Bangalore on 9th March 2016.
- Department of ECE organized Expert Talk on “Frequency Response of Differential Amplifier” by Prof. Mukul Sarkar on 17th March 2016.
- Department of ECE organized Expert Talk on “Engineering evolution in electronics and 50 years of Moore” by Prof. MK Radhakrishnan on 5 th April 2016.
- Department of ECE organized Cadence Faculty Workshop on 22nd- 24th August 2016.
- Department of ECE organized Expert Talk on “Differential Amplifiers & Current Mirrors” by Prof. G. Visweswaran on 26th August 2016.
- Department of ECE organized Cadence Student Workshop on 29th August - 1st September 2016.
- Research Wing, IGDTUW organized a one day workshop on “Research Methodology And Tools” on 6th Nov, 2015.
- Research Wing, IGDTUW organized an ICT Based FDP on “Entrepreneurship And Business Incubation Using Blue Ocean Strategy” in collaboration with NITTTR, Chandigarh on 7th - 11th November 2016.
- Department of Applied Science & Humanities organized an ICT Based FDP on “Communication Skills” in collaboration with NITTTR, Chandigarh from 5th - 9th December 2016.
- Department of IT organized a Workshop on “Soft Computing Techniques using MATLAB” from 14th June-17th June, 2016.
- Department of IT organized an Int. Conf. on “Demystifying Global Trends in Technology & Management” in collaboration with Cyber Times on April 29th -30th, 2016.
- Department of IT organized a Training Programme on “Computer Forensics” on 14th April 2016.
- Department of IT organized a two-day workshop on “Quality Assurance, Quality Control and Software Testing Estimation Techniques” on 23rd June - 24th June 2016 by Sabre Travel Technologies for MCA Students.

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- Department of IT organized two WebEx sessions on Application Life Cycle Management (ALM) and Bugzilla- bug finding tool by Sabre Travel Technologies on 8th July 2016 & 11th July 2016 for MCA Students.
 - Department of Architecture and Planning organized a workshop, by an

expert Architect Peu Banerjee Das , to familiarize the students with 'Structures in Nature' .

- Department of Architecture conducted a DAAD info, session on September 23, 2016, in IGDTUW, for B.Arch, students about scholarships & opportunities for Architecture students in Germany.
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ADMISSION PROCESS

The process for admission to the various programmes offered by the University starts in April every year. The university is offering B.Tech courses in Computer Science and Engineering, Information Technology, Electronics and Communication Engineering, Mechanical and Automation Engineering. The admission to M.Tech programmes is offered in niche areas of Information Security Management, Mobile and Pervasive Computing, VLSI design and Robotics and Automation Engineering.

- Admission to B.Tech and B.Arch Programme: The admission to various programmes in the University is offered only to the female candidates. The admission to undergraduate courses (B.Tech and B.Arch) is made on the basis of All India JEE. Main Rank prepared by CBSE. The counselling for admission to B.Tech and B.Arch program is done through Joint Admission Counseling (JAC), jointly organized for DTU, NSIT, IIITD & IGDTUW. 85% of the total seats for UG Programmes are reserved for candidate belonging to Delhi Region (Students passing the qualifying examination from recognized Board / College / Institution located within the NCT of Delhi) and 15% of the total seats for candidates belonging to outside Delhi Region.
- Admission to M.Tech Programmes: The admission to M.Tech (Full Time) program is made on all India basis on the basis of the merit of the valid GATE

The University started Ph.D programme from academic year 2014-15. The B.Arch programme was started in 2015-16 with the approval of Council of Architecture. M.Tech in Information Communication Technology for the working women was started from the academic year 2016-17.

Score secured by candidates and thereafter on the basis of the marks secured in the qualifying examination as per the eligibility.

- Admission to MCA Programme: The admission to MCA program of IGDTUW is on the basis of rank secured by the candidates in NIMCET an exam conducted by NITs on all India basis. 85% of the total seats are reserved for candidate belonging to Delhi Region (Students passing the qualifying examination from NCT of Delhi) and 15% of the total seats for candidates belonging to outside Delhi Region.
- Admission to Ph.D Programme: The admission to Ph.D programme, in various disciplines is based on GATE/ UGC-NET/ RAT Examination and /or Interview.

PROGRAM INTAKE

UNDER-GRADUATE PROGRAMS					
Program	Branch	2013-14	2014-15	2015-16	2016-17
B.Tech	Information Technology	74	74	74	77
	Computer Science and Engineering	74	74	74	138
	Electronics and Communication Engineering	74	74	74	76
	Mechanical and Automation Engineering	74	74	74	76
B. Architecture				40	40
Total UG		296	296	336	407

POST-GRADUATE PROGRAMS					
Program	Branch	2013-14	2014-15	2015-16	2016-17
M.Tech.	ISM	30	30	30	30
	MPC	30	30	30	30
	VLSI	30	30	30	30
	RA	30	30	30	30
	Green Technology				
M.Tech. (PT)		40	40	40	40
MCA		60	60	60	60
Total PG		220	220	220	220

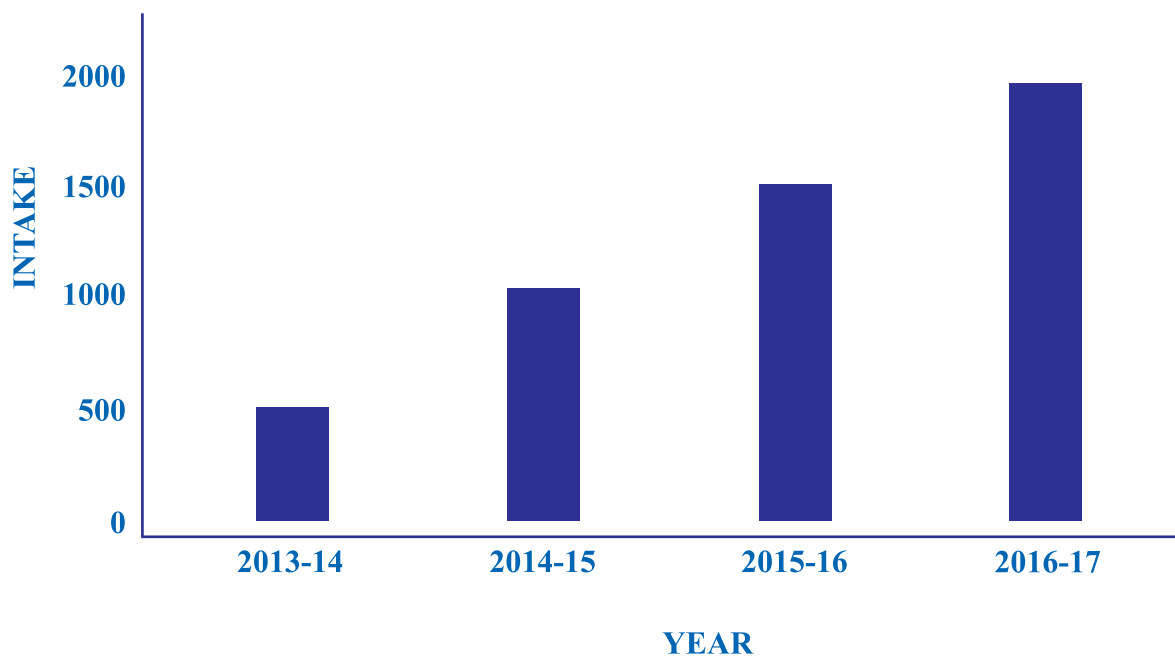
YEAR-WISE INTAKE IN Ph.D. PROGRAM

Program	2013-14	2014-15	2015-16	2016-17
Ph.D.		25	31	31

GROWTH OF NUMBER OF STUDENTS OVER THE YEARS

Program	2013-14	2014-15	2015-16	2016-17
UG	296	592	928	1335
PG	220	440	540	540
Ph.D.	0	25	56	87
Total	516	1057	1524	1962

Growth of Number of Students Over the Years



DEPARTMENT-WISE FACULTY

S. No.	Designation	CSE	ECE	MAE	Basic & Applied Sciences	IT	Arch & Planning
1.	Professor	1.Dr. Ela Kumar 2.Dr. Devendra Tayal Dr. S. R. N. Reddy	1. Prof. Ashwni Kumar	-	-	1. Prof. Rakesh Kumar Singh	-
2.	Associate Professor	1. Dr. Seeja K. R.	1.Dr. Jasdeep Kaur Dhanoa 2.Dr. Nidhi Goel 3.Dr. Vandana Niranjani	1.Dr. Nathi Ram Chauhan 2.Dr. Manoj Soni 3. Dr. Akhilesh Arora	1.Dr. Ranu Gadi 2.Dr. Chhaya Ravi Kant 3.Dr. Shalini Arora	1.Dr. Amar Kumar Mohapatra 2..Dr. Arun Sharma	1.Dr. Preeti Vajpeyi 2.Ar. Preeti Chauhan 3.Ar. Vishal Rai
3.	Assistant Professor	1.Sh. Busakala Indra Thanaya 2.Ms. Vibha 3.Ms. Najme Zehra Naqvi 4.Sh. Vivekanand Jha 5.Ms. Monika Choudhary 6.*Sh. Sumit Yadav	1. Dr. Maria Jamal 2. Ms. Shobha Sharma 3. Sh. Akash Tayal 4. Sh. Pankaj Gupta 5. Sh. Kanchan Sharma 6. Ms. Greeshma Arya 7. Ms. Veepta Bhatia 8. Sh. Ejaz Aslam Lodhi 9. Dr. Richa Yadav 10.Ms. Neha Singh	1.Dr. O.K. Singh 2.Dr. Pankaj Tomar 3.Ms. Deepti Chhabra 4.Ms. Shipra Aggarwal 5.Sh. Vivek Kumar Chawla 6.Ms. Deepti Jaiswal 7.Dr. Ajay Singh Singholi	1.Dr. Dinesh Ganotra 2.Dr. Geeta Sachdev 3.Dr. Bavani Prasad Naik Nenavathu 4.Dr. Bhavya 5.Dr. Dhanjay Yadav	1.Dr. Kalpana Yadav 2.Sh. Rishabh Kaushal 3.Ms. Ankita 4.Ms. Aruna Bhat 5.Ms. Nidhi Arora 6.Ms. Nisha Rathee 7.Ms. Neetika Bhandari* 8.Ms. Charu Gupta*	1.Ar. Jahnabi Kalita 2.Ar. Sneha Maji 3.Ar. Venus Kashyap 4.Ar. Kshitij Kumar Sinha 5.Mr. Amit Agrawal
	Total	10	14	11	8	11	8

* Working on contract.
Grand Total: 55 (Regular) + 7 (On Contract) = **62**
Number of Ph.D. Holders = **26**
Faculty Members Pursuing Ph.D. = **19**

EXPANSION PLAN OF IGDTUW FOR NEW CAMPUS (NEXT TEN YEARS)

Currently, IGDTUW is operating from Kashmere Gate campus spread across 16 acres with a total student strength of 2200. The campus is shared with AUD. The IGDTUW plan to start following new programs in the next 10 years in case a new campus is constructed and land of 70 Acres is allotted :-

University Faculties in New Campus

- Faculty of Engineering and Technology
- Faculty of Architecture and Design
- Faculty of Sciences and Humanities
- Faculty of Business Studies*
- Faculty of Computing*
- Faculty of Media Studies*
- Faculty of Fashion Technology*
- Faculty of Naturopathy and Yoga Studies*
- Faculty of Agricultural Sc. And Food Technology*
- Faculty of Nano Sciences and Bio Technology*

*new Faculty proposed

The total student strength of 10,000 -15,000 can be achieved by 2027 if a fully residential campus is built in a phased manner.



Indira Gandhi Delhi Technical University For Women
(Established by Govt. of Delhi vide Act 9 of 2012)

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