



2020

IGDTUW TIMES



INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN

Kashmere Gate, Delhi-110006

www.igdtuw.ac.in

From the Vice Chancellor's Desk....



**"YOU EDUCATE A MAN; YOU EDUCATE A MAN.
YOU EDUCATE A WOMAN; YOU EDUCATE A GENERATION."**
-Brigham Young

Education is fundamental to development and serves as an important driver for the growth of any country. However, for our country, it's of considerable significance if we can educate the women of our country by creating a learning platform for knowledge transfer from one generation to another generation.

The vision of the University appropriately fits and sync with these thoughts and since its inception in 2013, I can proudly say that IGDTUW ennobles oneself as one of the premier institutions for providing higher education and quality learning for the Women in India. The University located centrally in the capital city of India, is a beacon of knowledge and has pioneered numerous novel initiatives and innovations in quality teaching and enhancing student learning.

Despite its young age, IGDTUW is much admired (recognized) as an integral part of Delhi's cosmopolitan vibrant space. We possess our motto *Aapo Dipo Bhava* ("Be a light unto yourself") at the heart of everything we do and we can make this University inimitable by engendering new ideas, learning and innovations that will benefit the society and educate people. In this view, the University has introduced Choice Based Credit System (CBCS) for engaging students in dynamic learning and to explore and enlighten their knowledge beyond just getting admitted and completing conventional degree courses.

With seven departments and a pool of almost 200 dedicated and talented teachers and staff members, the University is committed to offering exceptional educational opportunities across a wide range of curricula and advanced courses, avant-garde pedagogy, excellent infrastructure, and comprehensive extracurricular activities. Here at IGDTUW, we offer a dynamic platform to our students with plethora of opportunities designed to either start their career or move their career forward while enabling them to confidently explore new industries for career potentials and dive into opportunities that they may not be aware of. Our University not only aims to deliver theoretical knowledge but also provides our students with a platform to find the entrepreneur in them with the help of our business incubator "Anveshan Foundation".

On behalf of the University Community, I invite the parents and students to explore our offerings in the pages that follow. I am assured that your being part of the student community of the University will enrich you, help you grow, empower you to make fair choices, and facilitate you to take up roles in life in a fulfilling manner not only for yourself but also for the humankind.

I look forward to your having a pleasant, healthy, and fruitful association with IGDTUW.

**(Dr. (Mrs.) Amita Dev
Vice Chancellor, IGDTUW)**

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OFFICERS OF THE UNIVERSITY

Vice-Chancellor	Dr. Amita Dev
Dean (International Affairs)	Prof. Ashwni Kumar
Dean (Academic Affairs)	Prof. Jasdeep Kaur
Dean (Examination Affairs)	Prof. Arun Sharma
Dean (Students' Welfare)	Prof. Ela Kumar
Dean (IRD and R&C)	Prof. Ranu Gadi
Co-ordinator IRD Cell	Dr. Bhavani Prasad
Co-ordinator R&C Cell	Dr. Richa Yadav
Director (NIRF, IQAC & Accreditation)	Prof. Arun Sharma
Chief Proctor	Prof. Devendra Kr. Tayal
Head of the Department (CSE)	Prof. S.R.N. Reddy
Head of the Department (ECE)	Prof. Nidhi Goel
Head of the Department (MAE)	Prof. N. R. Chauhan
Head of the Department (Architecture & Planning)	Ar. Vishal Rai
Head of the Department (ASH)	Prof. Chhaya Ravikant Verma
Head of the Department (Management)	Prof. Shalini Arora
Registrar	Prof. Ashwni Kumar
Additional Registrar (HR)	Prof. Manoj Soni
Additional Registrar (GA)	Ar. Preeti Chauhan
Assistant Registrar (Academics)	Dr. Geeta Sachdeva
Estate Officer	Dr. Dinesh Ganatra
Assistant Finance Officer	Ms. Urmila Kapoor
Chief Warden	Prof. Shalini Arora
Librarian	Dr. D.S. Sengar

Incubation Centre- Anveshan Foundation

Director (Chairperson)	Prof. Amita Dev
Managing Director	Prof. Arun Sharma
Director (Procurement)	Prof. Ranu Gadi
Director (Finance)	Prof. Jasdeep Kaur Dhanoa
Director (Innovation, Project & IPR Facilitation)	Prof. Manoj Soni
Chief Executive Officer	Dr. V. K. Arora
Deputy Manager	Mr. Rahul Sachdeva

IGDTUW Societies/Clubs

HUUMANOID (The HR Society)	Dr. Shikha Gupta
ZOSH (Marketing Society)	Dr. Dhanjay Yadav
MUDRA (The Finance and Investment Society)	
SAMANVAY (Economics and Research Society)	Dr. Shikha Gupta & Dr. Dhanjay Yadav
VARTTA (Business New Society)	
The Fine You (Mental & Physical Health Club)	
Synergy Sports Club	Dr. Dinesh Ganatra
Greensphere Society	Dr. Bhavani Prasad
Rehnauma- Dramatics Society	Ar. Venus Kashyap
B.H.A.V. Society	Mr. Kshitij Kumar Sinha
SAE Collegiate Club	Dr. Vivek Chawla
Zena- Fashion Society	Ar. Sneha Maji
Hypnotics-Western Dance Society	Mrs. Neha Singh
Antargat - Creative society	Ar. Preeti Chauhan
ROTARACT Club	Dr. Vandana Niranjan
INSTINCT	
Techno Literate	Dr. Bhavya Raj
TARANNUM-Music Society	
OSA Student Chapter- The Optical Society	IGDTUW Students led
Unnat Bharat Abhiyan Cell, IGDTUW	Ar. Kshitij Kumar Sinha

Technical Societies

ACM Student Chapter	Mr. Rishabh Kaushal
Robolution	Dr. Nidhi Goel
LEAN IN	Ms. Neha Singh
CSI Student branch	Ms. Vibha
IEEE Student Chapter	Prof. Jasdeep Kaur
ENACTUS	Dr. Nidhi Goel
American Society of Mechanical Engineers (ASME) Chapter	Mr. Vivek Chawla
AI Club	Prof. Arun Sharma

ACHIEVEMENTS OF THE YEAR

- This year in 2020, Indira Gandhi Delhi Technical University for Women has been aggregated under **All India Council for Technical Education (AICTE) for all the Under-graduate and Post-graduate programmes** [except M. Plan (Urban Planning)]
- IGDTUW is well known for its best teaching rating and excellent research records. It offers various disciplines of courses for graduate, undergraduate and doctorate in field of engineering. With over 3000 students and 150 staff, it becomes one of the top-ranking women universities in India. It is approved by the University Grant Commission (UGC) of India. IGDTUW is now recognized under University Grant Commission (UGC). **This year IGDTUW achieved 12B UGC grant dated 9th Sept. 2020**
- “**Women in Big Data™ (WiBD)**” international chapter in IGDTUW for enhancing women representation in Big Data. IGDTUW launched its first global not-for-profit global organization out to champion the success of Women in Big Data™ (WiBD) centre and an International chapter to enhance and increase women’s representation in Big Data.
- IGDTUW has been awarded with **QS I-GAUGE E-LEAD (E-Learning Excellence for Academic Digitization)** certification for excellence in conducting online training and Learning process.



- The University has set up the “**Centre of Excellence in Artificial Intelligence**” with the grant from the Department of Science and Technology (DST) within the Ministry of Science and Technology, Government of India
- The University has been granted with funding of Rs.7.50 Crores from Department of Science and Technology (DST), Government of India, for establishment of **Centre of Excellence in Artificial Intelligence** in the University with building high tech, and quality AI equipped hardware and Software resources

- The University has been granted with funding of Rs.8 Crores from Delhi Knowledge Development Fund (DKDF) for establishment of **Centre of Excellence in Mechatronics**
- Under QS I-Gauge (Indian Colleges and University Rating) Rating, Indira Gandhi Delhi Technical University for Women has been awarded with a “**Diamond University**” Rating on 30th September 2020. The university has achieved this award through its rigorous performance under the abled leadership of the honourable Vice-Chancellor of IGDTUW, Dr. (Mrs.) Amita Dev.



- IGDTUW has been conferred with **Sushma Swaraj STREE (Serene Tenacious Reverberating Enchanting Empowering) SHAKTI SAMMAN** award on 25th Sept. 2020 owing to its vision and outstanding commitment.



RANKING OF THE UNIVERSITY

National Ranking

- Indira Gandhi Delhi Technical University for Women (IGDTUW) has been conferred with ISO 9001:2015 Certification on 25.09.2019



- The most prestigious universities for Women in India, IGDTUW has taken a top spot and ranked 2nd in category of “HEIs for Women (Govt. and Govt. Aided)” in Atal Ranking of Institutions on Innovation Achievement (ARIIA) 2020, by the honourable Vice President of India on 18th August 2020.



- IGDTUW has upgraded its position from 162 to 145th in the National Institutional Ranking Framework (NIRF) Ranking for the academic year 2020-2021 among the top National Engineering colleges.
- IGDTUW has achieved a top spot under the following categories by “The Times Annual Engineering Institute Survey-2020”
- Ranked 3 under “Top Emerging Engineering Colleges-Placement”**
- Ranked 4 under “Emerging Engineering Institutes – Research Capability”**
- Ranked 5 under “Top emerging engineering Institutes**

EMERGING ENGINEERING INSTITUTES - PLACEMENT									
1	Manav Rachna University, Faridabad								
2	Bennett University, Greater Noida								
3	Indira Gandhi Delhi Technical University For Women (IGDTUW), New Delhi								
4	Birla Hyderabad College of Engineering for Women, Hyderabad								
5	Universal College of Engineering, Mumbai								
6	Poornima University, Jaipur								

EMERGING ENGINEERING INSTITUTES - RESEARCH CAPABILITY									
1	Manav Rachna University, Faridabad								
2	Saijay Ghodawat University, School of Technology, Kolhapur								
3	Bennett University, Greater Noida								
4	Indira Gandhi Delhi Technical University For Women (IGDTUW), New Delhi								
5	Alpena D.Y. Patil University, School of Engineering, Pune								
6	Apoorva Institute of Management & Engineering Technological Campus, Jalandhar								
7	Datta Technical Campus, Greater Noida								
8	Ganga Technical Campus, Batalikot								

TOP EMERGING ENGINEERING INSTITUTES									
1	Universal College of Engineering, Mumbai								
2	Presidency University School of Engineering, Bangalore								
3	Bennett University, Greater Noida								
4	Manav Rachna University, Faridabad								
5	Nirmaan S.Y. Patil University, School of Engineering, Pune								
6	Saijay Ghodawat University, School of Technology, Kolhapur								
7	Indira Gandhi Delhi Technical University For Women (IGDTUW), New Delhi								
8	Birla Hyderabad College of Engineering for Women, Hyderabad								
9	Apoorva Institute of Management & Engineering Technological Campus, Jalandhar								
10	Ganga Technical Campus, Batalikot								
11	Datta Technical Campus, Greater Noida								
12	Technot International Institute, Kolkata								
13	Faculty of Engineering & Technology, Anna University, Kanchipuram								

- IGDTUW bagged a position under top 25 Engineering Colleges and has been ranked 19 in the Nationwide among Engineering Universities by India Today 2020.
- IGDTUW has achieved a top spot under the category of “Colleges with the best value for Money” and “Colleges with lowest course fee”.

INDIA TODAY									
IGDTUW in 2020 features in the INDIA TODAY Survey, 'The Best Colleges in India', June 2020									
1	INDRA PRASHTHA INSTITUTE OF INFORMATION TECHNOLOGY	Chennai							
2	INDIA INSTITUTE OF TECHNOLOGY GUWAHATI	Guwahati							
3	INDIA INSTITUTE OF TECHNOLOGY KARUR	Karur							
4	INDIA INSTITUTE OF TECHNOLOGY KOLKATA	Kolkata							
5	INDIA INSTITUTE OF TECHNOLOGY KARACHI	Karachi							
6	INDIA INSTITUTE OF TECHNOLOGY KARUR	Karur							
7	INDIA INSTITUTE OF TECHNOLOGY KARUR	Karur							
8	INDIA INSTITUTE OF TECHNOLOGY KARUR	Karur							
9	INDIA INSTITUTE OF TECHNOLOGY KARUR	Karur							
10	INDIA INSTITUTE OF TECHNOLOGY KARUR	Karur							
11	INDIA INSTITUTE OF TECHNOLOGY KARUR	Karur							
12	INDIA INSTITUTE OF TECHNOLOGY KARUR	Karur							
13	INDIA INSTITUTE OF TECHNOLOGY KARUR	Karur							
14	INDIA INSTITUTE OF TECHNOLOGY KARUR	Karur							
15	INDIA INSTITUTE OF TECHNOLOGY KARUR	Karur							
16	INDIA INSTITUTE OF TECHNOLOGY KARUR	Karur							
17	INDIA INSTITUTE OF TECHNOLOGY KARUR	Karur							
18	INDIA INSTITUTE OF TECHNOLOGY KARUR	Karur							
19	INDIA INSTITUTE OF TECHNOLOGY KARUR	Karur							
20	INDIA INSTITUTE OF TECHNOLOGY KARUR	Karur							
21	INDIA INSTITUTE OF TECHNOLOGY KARUR	Karur							
22	INDIA INSTITUTE OF TECHNOLOGY KARUR	Karur							
23	INDIA INSTITUTE OF TECHNOLOGY KARUR	Karur							
24	INDIA INSTITUTE OF TECHNOLOGY KARUR	Karur							
25	INDIA INSTITUTE OF TECHNOLOGY KARUR	Karur							

GOVERNMENT COLLEGES WITH THE LOWEST COURSE FEE									
1	ANJALI UNIVERSITY COLLEGE OF ENGINEERING	Vizianagaram	49,000						
2	ZAKIR HUSAIN COLLEGE OF ENGINEERING & TECHNOLOGY	Aligarh	64,300						
3	UNIVERSITY COLLEGE OF ENGINEERING, OSmania UNIVERSITY	Mysore	81,750						
4	GOVERNMENT ENGINEERING COLLEGE	Jagatsinghpur	90,000						
5	GOVERNMENT COLLEGE OF ENGINEERING	Karad	2,94,364						
6	COLLEGE OF ENGINEERING	Pune	3,42,350						
7	SHRI GURU GOBIND SINGH INSTITUTE OF ENGINEERING & TECHNOLOGY	Noida	3,48,572						
8	SCHOOL OF ENGINEERING, COCHIN UNIVERSITY OF SCIENCE & TECHNOLOGY	Kochi	3,63,345						
9	INDIAN INSTITUTE OF INFORMATION TECHNOLOGY (IIIT)	Mumbai	3,97,800						
10	INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN (IGDTUW)	New Delhi	4,71,000						

GOVERNMENT COLLEGES WITH BEST VALUE FOR MONEY									
1	UNIVERSITY COLLEGE OF ENGINEERING, OSmania UNIVERSITY	Mysore	7.83						
2	ZAKIR HUSAIN COLLEGE OF ENGINEERING & TECHNOLOGY	Aligarh	7.59						
3	ANJALI UNIVERSITY COLLEGE OF ENGINEERING	Vizianagaram	7.46						
4	INDIAN INSTITUTE OF INFORMATION TECHNOLOGY (IIIT) ALLAHABAD	Ahmedabad	3.85						
5	GOVERNMENT ENGINEERING COLLEGE	Jagatsinghpur	2.71						
6	DELHI TECHNOLOGICAL UNIVERSITY (DTU)	Delhi	2.36						
7	INDIAN INSTITUTE OF TECHNOLOGY (IIT) KANPUR	Kanpur	2.23						
8	INDIAN INSTITUTE OF TECHNOLOGY JIIT, ROURKE	Mumbai	2.07						
9	INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN (IGDTUW)	New Delhi	2.07						
10	NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI	Tiruchirappalli	2.06						

International Ranking

- IGDTUW has made a debut among top Universities in the “World’s Universities with Real Impact (WURI)” Ranking, “WURI: Innovative Universities for 2020” with 77th position and also bagged the rank 21 in the special category “Entrepreneurial Spirit” of WURI 2020 ranking.

Rank	Name	Country	Rank	Name	Country
51	Flinders University	Australia	76	Kyung Hee National University*	Korea
52	Beijing Normal University	China	77	Indira Gandhi Delhi Technical University for Women	India
53	University College Dublin	Ireland	78	University of Spirit	Ireland
54	George Mason University	USA	79	Badr University in Cairo	Egypt
55	University of Vienna	Austria	80	Burapha University	Thailand
56	Franklin University Switzerland	Switzerland	81	University of Catania	Italy
57	Kyushu University	Japan	82	Belgorod State National Research University	Russia
58	University of Oulu	Finland	83	IEDC-Bled School of Management	Slovenia
59	Hankuk University of Foreign Studies	Korea	84	University of Denver	USA
60	University of Antwerp	Belgium	85	Maharishi University of Management	India
61	Brighton and Sussex Medical School	UK	86	Tra Vinh University	Vietnam
62	Sarah Lawrence College	USA	87	Northern Kentucky University	USA
63	Toyota Technological Institute*	Japan	88	Beijing Technology and Business University	China
64	Monash University	Australia	89	Foundry College*	USA
65	University College London	UK	90	Telkom University	Indonesia
66	Florida Gulf Coast University	USA	91	Far Eastern University	Philippines
67	Queen's University	Canada	92	Kansas University	Japan
68	Samsung Art and Design Institute*	Korea	93	University of Delhi	India
69	Rensselaer Polytechnic Institute	USA	94	University of Athens	Greece
70	University of Lincoln	UK	95	Hamburger University*	USA
71	Temple University	USA	96	American University of Ras Al Khaimah	UAE
72	Polytechnic Institute of Bragança	Portugal	97	Cranfield University	UK
73	Dublin City University	Ireland	98	University of the People*	USA
74	Ajou University	Korea	99	University of Warwick	UK
75	University of International Business and Economics	China	100	Hupan University*	China

* boutique universities

WURI 2020: Entrepreneurial Spirit (Top 50)

Rank	Name	Country	Rank	Name	Country
1	Aalto University	Finland	26	Beijing Technology and Business University	China
2	Hanze University of Applied Sciences	Netherlands	27	Foundry college*	USA
3	Princeton University	USA	28	University of Athens	Greece
4	University of California, Berkeley	USA	29	Hupan University*	China
5	University of Tokyo	Japan	30	Minerva Schools at KGI*	USA
6	University of Chicago	USA	31	Toyota Technological Institute*	Japan
7	Simon Fraser University	Canada	32	Draper University*	USA
8	Deggendorf Institute of Technology	Germany	33	Arizona State University	USA
9	University of Twente	Netherlands	34	Ajou University	Korea
10	University of Basel	Switzerland	35	King Mongkut's Institute of Technology Ladkrabang Business School	Thailand
11	George Mason University	USA	36	Riga Technical University	Latvia
12	Kyushu University	Japan	37	Kyungpook National University	Korea
13	University of Oulu	Finland	38	Duke University	USA
14	Monash University	Australia	39	Soonchunhyang University	Korea
15	Queen's University	Canada	40	Burapha University	Thailand
16	Samsung Art and Design Institute*	Korea	41	Vytautas Magnus University	Lithuania
17	Rensselaer Polytechnic Institute	USA	42	University of Tartu	Estonia
18	Temple University	USA	43	University of Minho	Portugal
19	Polytechnic Institute of Bragança	Portugal	44	University of Aveiro	Portugal
20	Dublin City University	Ireland	45	Chitkara University	India
21	Indira Gandhi Delhi Technical University for Women	India	46	Singapore Management University	Singapore
22	University of Catania	Italy	47	University of York	UK
23	IEDC-Bled School of Management	Slovenia	48	Linnaeus University	Sweden
24	Tra Vinh University	Vietnam	49	Hamad Bin Khalifa University	Qatar
25	Northern Kentucky University	USA	50	Ashesi University	Ghana

* boutique universities

AWARDS AND ACCOLADES

Faculty Awards / Honours

- **Dr. Vandana Niranjan** and Pearl Pullan, faculty members of Electronics & Communication Engineering (ECE) department received the **Best Paper Award** for their presented conference paper “Intelligent Clogged Sewer Control System” in **2019 IEEE International WIE Conference on Electrical and Computer Engineering (WIECON-ECE)**.
- **Dr. Preeti Vajpeyi**, Associate Professor was awarded for her sterling work with NGO Vinyas Society (in the field of Education) in the ‘Mega Hall of Fame’ by Civil Society Magazine, a renowned magazine focusing on the initiatives taken by individuals and NGO for larger societal good, dated September, 2019.
- **Dr. Preeti Vajpeyi**, Associate Professor, has been awarded with ‘Anant Gunwant Samman’ by Kalachaya, Pune for lifetime contribution to education on January’ 2020.
- **Ar. Preeti Chauhan**, Associate Professor, received the Best Paper Award for her paper “for paper ‘Role of Artificial Intelligence in Assisted Living Centers for the Elderly’, Chauhan P, et al.” in an International conference on ‘Artificial Intelligence and Speech Technology’ (AIST) held at Indira Gandhi Delhi Technical University for Women (IGDTUW) from 14th-15th November 2019.

Faculty Engagements

- Dr. Jasdeep Kaur Dhanoa participated and attended the prestigious **International Visitor Leadership Program (IVLP-2019)**, sponsored by the **United States Federal Department, Bureau of Educational and Cultural Affairs from October 7-25, 2019**. The title of the Project was **Advancing Women in STEAM Fields**. She visited Washington DC, Seattle, Akron-Ohio, Boston, New Orleans.



- **Dr. Preeti Vajpeyi, Associate Professor, was invited as speaker in Indian Institute of Technology Delhi (IITD) for her expert talk on “Built Environment as Learning Aid in Government Schools and Aanganwadis” on August’2020**

- **Ar. Preeti Chauhan**, Associate Professor, was invited as Guest of honour for the 5th Convocation award function of AD-The Design School, Malviya Nagar, Delhi held on 14th DEC 2019 at ISKCON, Delhi
- **Dr. Preeti Vajpeyi**, Associate Professor, trained IAS officers at LBSNAA, Mussoorie, on “Design and Development of Social Infrastructure like Schools and Aanganwadis” during the year 2019 and 2020.
- **Dr. Preeti Vajpeyi**, Associate Professor was invited as a keynote speaker in the Architecture and Society Series programme, 55th Edition, conducted by Greha India Habitat Centre on March 2020.
- **Ar. Preeti Chauhan**, was invited as an editor for a cover story – ‘The Women Who Are Making A Difference!!’, an Interiors and I Magazine’s Feb-Mar’ 2020.

Faculty Awards / Honours

- **Manasi Mishra, Ph.D. Research scholar**, IGDTUW was awarded with Gandhian Young Technological Innovation (GYII) by the Hon'ble Vice President of INDIA, Shree M. Venkaiah Naidu at GYII 2019 award function organized at Vigyan Bhawan, New Delhi dated July 06, 2019.



- **Ms. Navneet Mann** cleared and secured 33rd rank (second attempt) in UPSC CSE Civil Services exam held in 2019. She completed her graduation B. Tech in Computer Science Engineering in 2017 from IGDTUW



- **Ms. Shubhi Khanna**, a student of CSE department, IGDTUW participated in an interactive student led colloquium on “Women Entrepreneurship Through the Lens of Higher Education” organized by QS I Gauge Rethink Tank organised on 13th June, 2020.



- **Harshita Kalsi**, student of Electronics and Communication Engineering (ECE) department has received the Richard E. Merwin Student Scholarship grant of \$1000 for Spring 2019. This award is presented to international and U.S. college juniors, seniors and/or graduate students who are majoring in electrical or computer engineering, computer science, or a well-defined computer-related field of engineering.
- **Manibha Sharma**, student of Electronics and Communication Engineering (ECE) department bagged the 1st position and has been awarded with a cash prize of Rs.50,000/- In the VLSI Design Contest as a part of 32nd International Conference on VLSI Design and 19th International Conference on Embedded Design.
- **Ms. Priya Taneja**, student of Bachelors in Architecture, received Wade Award for Young Artist category- 1st Runner Up in Wade Asia held at NSIC Grounds, Okhla, New Delhi on October 12, 2019.
- **Ms. Khushbu and Ms. Muskan Verma from Team Shakti** of Mechanical and Automation Engineering department brought laurels for IGDTUW by winning and receiving a trophy and a cash price of Rs 5000.00/- for designing a lightest weight electric vehicle in dynamic round of E-Bike Racing Challenge 2020 organized by AMT MotoCorp from 13th – 16th January 2020 at OP Jindal University Raigarh, Chhattisgarh.



- **Ms. Sheryl Gupta** student of Electronics and Communication Engineering department was selected among the total 300 delegates across the world for attending and to participate in the HPAIR (Harvard Asian Project for international relations) Asia Conference, Kazakhstan.
- **Ms. Nayan Thara A.**, student of Bachelors in Architecture department (B. Arch.). won the 2nd prize in Jama Walk- Live Sketching Competition on the topic “Life at Jama Masjid and Surroundings” held on 11th Oct. 2019 organized by Archechoes team, DAP, IGDTUW.
- **WWF Team from IGDTUW** was declared National winner after winning the State WWF Echo Summit 2019 for their project Meno-organic, a project focused on reducing plastic waste by promoting sustainable menstrual product alternatives among women.



- Global India Road show event took a kickstart in IGDTUW campus on 24th August, 2019 for the first time in North India.





- **Ms. Diksha Kumari**, student of department of Information Technology, IGDTUW was selected for Student Leadership Program held from 13-19th September 2019 in Washington DC, USA with 100% sponsorship/funding by OSA.
- **Ms. Saumya Chauhan**, student of Electronics and Communication Engineering (ECE) department received Linux Foundation Diversity Scholarship for attending Open Source Summit and Embedded Linux Conference in Lyon, France in October 2019



- **Ms. Aditi Shukla**, student of Electronics and Communication Engineering (ECE) department participated and won a silver medal in (UDGOSH)-800m race-the annual sport meet of IIT Kanpur.
- **Ms. Shambhavi Chaturvedi**, student of Mechanical and Automation Engineering department won the Eaton Pratibha Scholarship Award with a scholarship amount of INR 56000/- for her exemplary work and paper presentation on the topic 'Novel Energy Storage Technologies' on 14th February 2020. The award aims to recognize exceptional women engineering students in leading engineering institutions in India.
- **Ms. Pooja**, M. Tech. student of department of Information Technology-ISM, IGDTUW was selected from among the 200 students across the world and participated in the 7th HEIDELBERG LAUREATE FORUM event organized by ACM in Germany. The FORUM invited Nobel Laureates and Turing Award winners along with world top Computer Scientists and researchers. Students were acquainted with an exposure about the latest research and innovation.



- **Team Panthera**, students of IGDTUW, designed a super mileage vehicle and participated in Shell Eco Marathon. The same team participated in 'Make the Future Shell India November 2019' in Bangalore, Karnataka and achieved 145 Km/ KWhr.
- **Ms. Dipti Chourasia**, a student of Bachelors in Architecture department (B. Arch.), received Appreciation Award for Entrepreneurship Achievement in IGDTUW Orientation 2019 held at Pearey Lal Bhawan on August 1, 2019.
- **Team Aious, students of IGDTUW** participated in Formula Bharat held in Coimbatore in January 2020 where they presented reports like Cost Report, Design Report and Business Plan for their 2019-2020 production.



- **Ms. Tavishi Harpalani and Ms. Nandini Mishra**, students of Bachelors in Architecture and planning department (B. Arch.), received Best Logo Design for department of Architecture and Planning, IGDTUW in DAP Logo Design Competition held at DAP, IGDTUW on July, 2019.
- **Ms. Nayan Thara A**, a student of Bachelors in Architecture and planning department (B. Arch.), won the 2nd Prize with a cash amount of Rs 1000/- in Poster making Competition on the topic: "Clean Delhi- Green Delhi" organized by the department of Architecture and Planning in association with Delhi Municipal Corporations (South, North and East) under "Swachh Survekshan" on 16th Jan. 2020

- **Ms. Shreya Dhawan** won the National Mech-Aura 2019-20 competition and received a cash prize of INR One Lakh. The event was organized by Collins Aerospace in January, 2020 in Bangalore, Karnataka.



- **Ms. Vaishali and Ms. Katya Sah**, students of Mechanical and Automation Engineering department bagged the "Kalpana Chawla" Scholarship for the year 2019- 2020 by SAEINDIA Foundation during an event held at Pride Plaza Aero city, Delhi on 10th February 2020. The scholarship was awarded to three Women undergraduate students across India in memory of the first Indian origin female Astronaut.

CYBER SECURITY

Award for M Tech student, first from India

GAYATHRI MANI @ New Delhi

MONIKA KUMARI, a second-year M.Tech student of Indira Gandhi Technical University for Women (IGTUW), became the first woman in India to get the Financial Services Information Sharing Analysis Center (FS-ISAC) Cyber Security scholarship worth USD 10,000.

The scholarship was launched by FS-ISAC, an industry consortium dedicated to reducing cyber risk in the global financial system, back in 2016 to support financially and mentor young women in the field of cyber security.

Every year FS-ISAC selects 14 women throughout the world and mentors them to reach great heights in their career. Monika is the first from the city to bag this illustrious scholarship for budding social security enthusiasts.

Sharing her experience, the 25-year-old student of Information Security Management said, "I am very happy and overwhelmed by this development. It is personally a great experience for me as FS-ISAC is a recognised platform on the global stage. Apart from the scholarship, I also get a chance to go abroad and work under great mentors excelling in the field of cyber security."

While the Financial Services Information Sharing Analysis Center is based out of the United States of America, it has offices in the United Kingdom and Singapore as well.

"By bagging the scholarship, Monika has not only made our university proud but has also brought laurels to the entire nation as this particular scholarship is of global prestige," said professor Amita Dev, vice-chancellor of IGDTUW.

"It is a matter of great pride for the entire university to see our students making a mark at not only the national level but international level as well," she further added.

Global outreach

The scholarship was launched by FS-ISAC, an industry consortium dedicated to reducing cyber-risk, back in 2016 to support financially and mentor young women in the field of cyber security. Every year FS-ISAC selects 14 women throughout the world and mentors them.



- **MS Monika Kumari**, an MTech. Student of department of Information Technology, IGDTUW, became the first woman in India to get the Financial Services Information Sharing Analysis Centre (FS-ISAC) Cyber Security Scholarship worth USD 10,000.

IGDTUW MoU's/ Collaborations with Government of Delhi, Foreign Universities

National Engagements

- MoU between IGDTUW and Delhi Subordinate State Selection Board (DSSSB)
- MoU with Municipal Corporation of Delhi (MCD)



- MoU between IGDTUW and Delhi Police (staff) for training on Cyber Security & Cyber Crime.
- MoU signed between IGDTUW and IBM India Pvt. Ltd. For Academic Growth and Technological advancement.



- MoU of IGDTUW with Amazon related to the use of Amazon's Educate Services.
- MoU has been signed with Ennable IP for facilitating activities pertaining to intellectual property to staff and students.



- MoU signed with 'Fair Conditioning' to improve the course curriculum of B.Arch. program by inclusion of pedagogy, tools and techniques of energy efficiency and Passive active cooling techniques.
- University has collaborated with NASSCOM and CISCO and set up the thingQbator (Internet of things Innovation Lab) in IGDTUW.



- The university collaborated with Cyber Peace Foundation for setting up a Cyber Research Lab. The Department of IT has signed a MoU with CPF for promoting Research & Development activities in the field of Cyber security and forensics for young women researchers in the University. Cyber Peace Foundation (CPF) is an award-winning civil society organization, think tank of cyber security and policy experts with the vision of pioneering Cyber Peace Initiatives to build collective resiliency against cyber-crimes & global threats of cyber warfare.
- IGDTUW has collaborated with EATON Foundation for disbursing scholarships to the students etc. The initiative aims at empowering budding engineers through mentorship on soft skills which are crucial to enhance their employability.

International Engagements

- MoU between IGDTUW and Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) Germany for promoting innovations and entrepreneurial activities
- United Kingdom Research and Innovation, Centre of Ecology & Hydrology (CEH), UK.
- The University received approx... Rs.22 Lakhs of equipment from M/s. Flour Daniel for setting-up of Turning Lab in Department of Mechanical and Automation Engineering
- IGDTUW collaborated with Maykop State Technological University, Russia for Collaborative Research, Student and Faculty exchange Programme and for jointly organizing Symposia, Seminars, etc.
- IGDTUW collaborated with National Pingtung University [NPTU], Taiwan for Research Collaboration, Student and Faculty Exchange etc.

IGDTUW-GENERAL FACILITIES AND PROGRAMMES

Courses offered at IGDTUW

S No.	Name of the course	Specialization	Duration (in yrs)	Intake (all categories)	Admission
UNDER GRADUATE PROGRAMS					
1.	B. Tech	Computer Science & Engineering (CSE)	4	192	Admissions based on All India Rank prepared by NTA and performance of candidates in Paper –I (for B. Tech) or Paper –II (for B.Arch.) of JEE (Main) Examination and admission through JAC (jointly organized by NSUT, DTU, IIITD & IGDTUW) in the month of June /July
2.	*B. Tech (NEW)	Computer Science & Engineering (Artificial Intelligence) (CSAI)	4	75	
3.	B. Tech	Electronics & Communication Engineering	4	150	
4.	B. Tech	Mechanical & Automation Engineering	4	95	
5.	B. Tech	Information Technology	4	150	
6.	B. Arch	Architecture	5	40	
7.	BBA	Management	3	67	Merit based on % of marks obtained in best four (including English) in 12th boards exam in month of June/July

***DUAL DEGREE PROGRAMME (New course added from academic year 2020-2021)**

1.	B. Tech (Mechanical & Automation Engineering + MBA (Dual Degree Course))	Mechanical & Automation Engineering & Management	6	30	Admission based on All India Rank prepared by NTA based on performance of candidate in Paper –I Examination and admission through JAC *Dual degree course with exit option after 4 years (DMAM)
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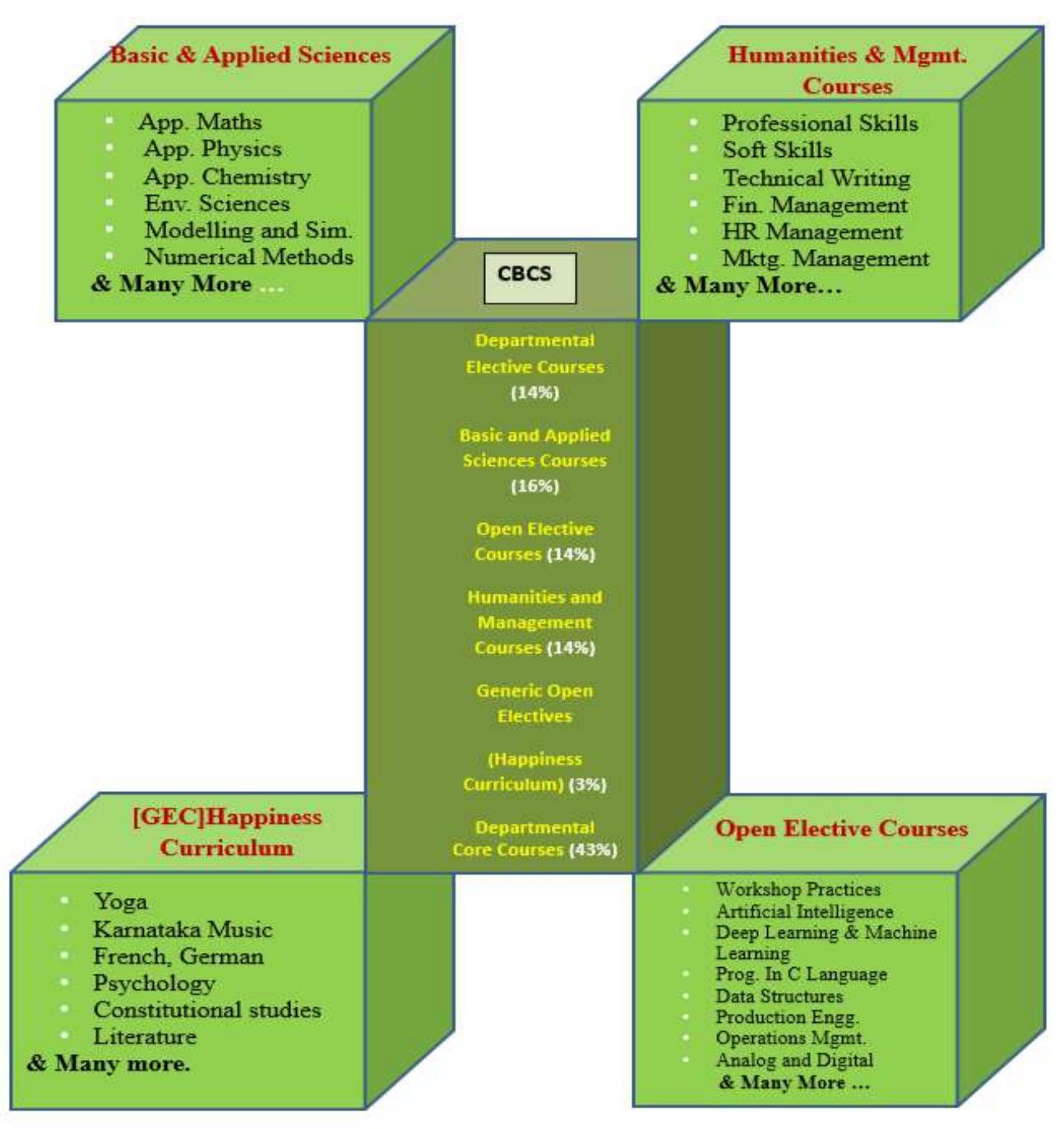
POST GRADUATE PROGRAMS

1.	M. Tech	Information & Security Mgt.	2	28	Admissions based on merit of the valid GATE Score secured by candidates and thereafter on the basis of the marks secured in the qualifying examination as the eligibility in the month of June / July
2.	M. Tech	Artificial Intelligence	2	28	
3.	M. Tech	VLSI Design	2	27	
4.	M. Tech	Robotics and Automation	2	27	
5.	MCA	Computer Applications	3	67	Admissions based on the marks scored in the Entrance Test conducted by IGDTUW
6.	M. Plan	Urban Planning	2	23	Admissions based on merit of the valid GATE Score secured by candidates and thereafter on the basis of the marks secured in the qualifying examination as the eligibility in the month of June / July
7.	*MBA (new)	Management	2	75	Admission will be on the basis of performance in CAT 2019

DOCTORAL PROGRAM

1.	PHD	Engineering (CSE/IT/ECE/MAE/CA), Science, Physics, Chemistry, Maths, English	5	-	Entrance test & Interview
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Choice Based Credit System



Departments of IGDTUW

Department of Computer Science & Engineering (CSE)

Programs Offered:

- B.Tech. (CSE) – 4 year
- B.Tech. (CSAI)-4 year
- M. Tech. (Artificial Intelligence) – 2 year
- Ph.D.

Faculty List

Prof. S.R.N. Reddy,
Professor & Head of Department

Prof. Ela Kumar,
Professor & Dean
(Student's Welfare)

Prof. Devendra K. Tayal,
Professor & Chief Proctor

Prof. Seeja K.R.,
Professor

Dr. Vivekanand Jha
Assistant Professor

Dr. Ravinder. M
Assistant Professor

Ms. Najme Zehra
Assistant Professor

Ms. Vibha
Assistant Professor

Ms. Monika Choudhary
Assistant Professor

Mr. B. Indra Thannaya
Assistant Professor

Ms. Khyati Ahlawat
Assistant Professor

Ms. Arunima Jaiswal
Assistant Professor

The Department of Computer Science and Engineering offers B. Tech in Computer Science and Engineering (CSE) and M. Tech CSE (Artificial intelligence) and Ph.D. in all emerging areas of computer science.

VISION

- To develop a high quality and skilled professional workforce with innovative teaching and interactive learning at global academic and professional standards, thus creating an impact on global forums in the area of Computer Science and Engineering.

MISSION

- To provide excellent learning classroom and laboratory infrastructure with latest hardware/software for students
- To provide high quality academic and research-oriented environment in the department,
- To organize frequent co-curricular activities like expert lectures/ workshops/ symposia/conferences to provide student with best holistic learning environment,
- To inculcate good human values in students and to make them adopt integrity in serving the nation.

OBJECTIVES

- To promote convergence of knowledge, information, technology and skills. To develop a learning and knowledge enhancement platform for students with global perspective.
- To ensure total personality development of would be engineers.
- To work in collaboration with other academic institutes / large industries.
- To impart specialized knowledge and skills to the students in the field of Computer Science and Engineering

CSE department has a talented pool of sincere and committed faculty who works with professional excellence. Besides teaching, faculty is actively involved in research, patent writing, consultancy and organization of workshops, conferences, expert lectures and many more. Many faculty members are members of the editorial board of Journals, expert committee members of professional committees at National and International levels.

Department has good IT enabled infrastructure. The classrooms are equipped with a digital podium, multimedia projector, Smart interactive display boards, Multimedia touch display white board, Green board and Dustless usable chalkboard. Department also have research-based Laboratories with latest software's for data analytics, cognitive and advance AI and machine learning namely Mobile Design and Innovation Lab, Embedded System Design Lab, Machine learning lab, Intelligent computing lab, Data Ware Housing and Data Mining Lab, Software Engineering Lab, Artificial Intelligent and Cloud computing.

Department of Electronics & Communication Engineering

(ECE)

Programs Offered:

- B.Tech. (ECE) – 4 yr
- M. Tech (VLSI Design) – 2yr
- Ph.D.

Faculty List

Prof. Nidhi Goel,

Professor & Head of Department

Prof. Ashwni Kumar, Professor

Dean (International Affairs) & Registrar, IGDTUW

Dr. Jasdeep Kaur Dhanoa,

Professor & Dean (Academic Affairs)

Dr. Vandana Niranjan

Professor

Dr. Akash Tayal

Associate Professor

Dr. Maria Jamal

Assistant Professor

Dr. Shobha Sharma

Assistant Professor

Dr. Richa Yadav

Assistant Professor

Co-Ordinator R&C Cell

Dr. Pankaj Gupta

Assistant Professor

Mr. Kanchan Sharma

Assistant Professor

Mr. Ejaz Aslam Lodhi

Assistant Professor

Ms. Greeshma Arya

Assistant Professor

Ms. Neha Singh

Assistant Professor

The Department of Electronics and Communication Engineering (ECE) provides dynamic and quality engineering for Women. 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 globally produce competitive and socially sensitized engineering for graduates and post-graduates. The department also focuses on bringing out quality research in the emerging areas of Electronics and Communication Engineering.

VISION

- To develop a high quality and skilled professional workforce with innovative teaching and interactive learning at global academic and professional standards, thus creating an impact on global forums in the area of Electronics and Communication Engineering

MISSION

- To establish of Centres of Excellence (CoE) in the areas of Electronics & Communication Engineering
- To develop highly academic and research-oriented environment in ECE where young professionals can groom their professional skills and enhance their knowledge effectively
- To organize frequent co-curricular activities like expert lectures/ workshops/ symposia/conferences to provide students with the best holistic learning environment.
- To inculcate good human values, etiquettes and manners in students to work with confidence and integrity for the Nation.

OBJECTIVE

- To create CoE in Electronics and Communication Engineering for students with professional learning, knowledge gaining, training and inculcate themselves in activities of research for the benefit of the Nation.
- To understand and apply the subject specific knowledge to the practical problems in the areas of Electronics and Communication Engineering.
- To provide ecologically sustainable, cost-effective solutions to the problems in the subject area.
- To create a well conversant, socially and ethically responsible individuals with excellent communication skills.
- To enhance competence in engineering modelling and experimental capabilities to pursue research oriented higher education.

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 & PG curriculum as per Choice Based Credit System (CBCS) guidelines to enhance the employability of students.

The Department has always been on the path of student growth with involvement of experienced and dedicated faculty strongly committed with students to guide them. The Department offers a strong research orientated platform to the students in the areas of Communication Systems, Signal & Image Processing, Embedded systems, Microelectronics and VLSI Design.

The faculty members, besides teaching, are active in conducting research which is evident from their list of publications in International/ National conference proceedings/Journal. The Department has state-of-the-art laboratory facilities i.e. VLSI Lab, Analog Electronics Lab, DSP Lab, Electrical Science Lab, Control Engineering Lab etc.

Department of Mechanical & Automation (MAE)

Programs Offered:

- 1. B.Tech. (MAE) – 4 Year**
- 2. M. Tech (Robotics & Automation) – 2 Year**
- 3. B.Tech. (MAE) & MBA- 6 Year (Dual Degree)**
- 4. Ph.D.**

Faculty List

Prof. N. R. Chauhan,

Professor, Head of Department
& Training & Placement Office

Prof. Manoj Soni,

Professor & Additional Registrar (HR)

Dr. O.K. Singh

Associate Professor

Professor

Dr. Pankaj Tomar

Assistant Professor

Dr. Shipra Aggarwal

Assistant Professor

The Department of Mechanical & Automation Engineering (MAE) offers B. Tech in Mechanical & Automation Engineering, M. Tech in Robotics Automation & Ph.D. in different specializations of Mechanical & Automation Engineering.

VISION

The department of MAE strives for excellence in education to develop highly skilled and world class workforce in the area of Mechanical and Automation Engineering and target research goals and themes in emerging areas with an aim to be one of the leaders in the field of engineering for students making them globally competitive in the field of MAE

MISSION

- To develop & maintain state-of-the-art laboratories with equipment's and software's to foster visualization of known art and Knowledge.
- To create research facilities to provide opportunities to apply and disseminate knowledge for their students and faculty
- To develop linkages with industries and educational institutes to maintain excellence in teaching and research

Dr. Vivek Chawla
Assistant Professor
Dr. Pooja Bhati
Assistant Professor
Dr. Tina Chaudhari
Assistant Professor
Ms. Deepti Chabba
Assistant Professor
Ms. Deepti Jaiswal
Assistant Professor
Mr. Ravinder Kumar
Assistant Professor
Mr. Urfi Khan
Assistant Professor

- To provide supportive environment that encourages students in adopting teamwork and inculcate good human values and become responsible and respectable builders of Nation.

OBJECTIVES

The desired learning outcomes of the program is

- To prepare students for successful professional practices by providing them fundamental and advanced education
- To inculcate the habit of staying updated with development in technology and research and promote opportunities for students and faculties in various competitions.
- To inculcate qualities in students to perform in a professional and ethical manner and make them responsible leaders in the society

The Department has highly qualified and experienced faculty and Staff members. The faculty is actively involved in various research and professional activities along with dedicated teaching. All Faculty members have been contributing to research and development in form of patents and publications in reputed peer reviewed journals.

A number of MNCs have been collaborating with the Department and have contributed in Research & Development. Every year meritorious students secure admission to the programs offered by the Department. The Ph.D. scholars have been applying for government grant for research projects and have also received favorable response.

The students and faculty members have been actively participating in National and International Conferences and have contributed in areas such as Design Engineering, Robotics, CAD/ CAM/ CIM, Mechatronics, Automation, Computational Engineering, Advance Manufacturing Systems, Automotive and IC Engines.

The Department has a very active student Chapter under the aegis of Society of Automotive Engineers (SAE) and American Society of Mechanical Engineers (ASME). Students of MAE department have been participating in many car design competitions such as Baja, Supra, Effi-cycle and Shell Eco Marathon and have been bringing laurels to the University. Industrial visits, workshops and expert lectures are regularly organized and receive active students Participation.

Department of Information Technology (IT)

Programs Offered:

- B.Tech. (IT) – 4 yr
- M. Tech- IT (Information Security Management) – 2 years
- Master of Computer Applications (MCA) – 2 years
- Ph.D.

Faculty List

Prof. R. K. Singh,
Head of Department,

Prof. Arun Sharma,
Dean (Examination Affairs)

Director (NIRF, IQAC & Accreditation)

Prof. A. K. Mohapatra
Professor

Dr. Kalpana Yadav
Assistant Professor

Dr. Rishabh Kaushal
Assistant Professor

Dr. Nisha Rathee
Assistant Professor

Dr. Niyati Baliyan
Assistant Professor

Dr. Mohona Ghosh
Assistant Professor

Dr. Sourabh Bharti
Assistant Professor

Dr. Aruna Bhat
Assistant Professor (On Lien)

Ms. Ankita
Assistant Professor

Ms. Nidhi Arora
Assistant Professor

Mr. Gaurav Indra
Assistant Professor

Ms. Bhawna Narwal
Assistant Professor

Ms. Charu Gupta
Assistant Professor

The Department of Information Technology (IT) has shown incomparable innovation, research aptitude, industry linkage, intellectual talent, technical and problem-solving skills through active participation of Faculty, Research Scholars and Students at National and International level.

VISION

IT department aspires to become a front-runner by empowering our young women students through quality technical education and comprehensive technology infrastructure. The department envisions creating efficient problem solvers, technically competent, skilled and groomed young women researchers and IT professionals to meet global challenges

MISSION

- To offer high quality education both theoretically and practically to our young women students in undergraduate, post-graduate and doctoral programs
- To create healthy and professional atmosphere for all the stakeholders of Department for continuous learning to investigate, apply and transfer knowledge
- To maintain state-of the art facilities and well-equipped laboratories where students and faculty can research and enhance their knowledge.
- To organize technical programs and provide quality training to enhance knowledge in latest technologies.

OBJECTIVES

The objective is to create an environment of excellence in teaching and research by raising the quality and standards of education and make it globally competitive and locally relevant.

- To converge as an Open, evolving community invested in creating, preserving, and translating knowledge.
- To manage IT as a strategic resource.
- To serve as an “incubator” by offering dedicated programs and courses that encourage faculty and student idea generation.
- Create a technology-enriched environment for learning that is both effective as an aid in supporting the experiences of teaching and learning and is instructive by reflecting the technology environment graduates will work in after leaving IGDTUW.
- To advance knowledge through research and scholarly activity.

The Department introduced a post-graduate program “Information Security Management” (M. Tech- IT) in 2013 (now providing our young women to enhance their knowledge and learning with requisite expertise and cater to the needs of industry in enhancing the security dimension of IT and cyber world).

The department started the Ph.D. program in 2014 adopting to dynamic research and development in the domain of Information Technology with 19 research scholars currently enrolled in research work.

The Department believes in continuous learning and therefore. Hosts various workshops, Faculty Development Program (FDP), Conference, Seminars and Expert talk sessions on regular basis. The Department encourages the students to participate in the such events to hone their technical expertise. Some of the technical events conducted by the

Department under the aegis of ACM Society are Espectro and Advaya

The Department has a very strong industry institute linkage. It has signed several MoUs with leading IT industries and Research Organization including **CISCO & NASSCOM** Foundation for running thingQator Program, **IBM (India) Pvt. Ltd.** For technological up-gradation of the students and faculty members in the emerging IT fields and **Cyber Peace Foundation** for promoting Research & Development activities in the field of Cyber security and forensics.

Department is very active in organizing several technical events for the overall holistic development of the students. IT Dept. organized first International Conference on Artificial Intelligence and Machine Learning (AIST 2019) in November 2019, which was attended by several acclaimed researchers and academicians from across the globe including Japan, Hungary, Czech Republic, Myanmar and others. This conference will now be conducted every year.

Department of Architecture & Planning (DAP)

Programs Offered:

- B. Arch – 5 year
- M. Plan (Urban Planning) – 2 year

Faculty List

Ar. Vishal Rai

Associate Professor &
Head of Department

Dr. Preeti Vajpeyi

Associate Professor

Ar. Preeti Chauhan

Associate Professor &
Additional Registrar (GA)

Ar. Sneha Maji

Assistant Professor

Ar. Venus Kashyap

Assistant Professor

Ar. Jahnabi Kalita

Assistant Professor

Ar. Kshitij Sinha

Assistant Professor

The Department of Architecture & Planning (approved under Council of Architecture) provides a Bachelor's Degree program in Architecture (B. Arch.) with an intake of 40 young creative minds each year. The students have to qualify JEE mains (Paper 2) and apply through JAC for admission. The Department has also introduced a two year full-time Postgraduate Master of Planning (Urban Planning) program from 2019 with an intake of 23 students.

VISION

Development of the individual girl as a responsible member of peaceful, pluralist and inclusive society by learning to explore and practicing quality, sustainable form of architecture.

MISSION

The Department of Architecture and Planning in IGDTUW aspires to be the leading voice for excellence in the field of Architecture and Planning in our country, demonstrating how design enhances the quality of life, while addressing important issues of society through responsible architecture. The department aspires to become a distinguished center of architectural thought, research, learning, innovation, capacity building and scholarly inquiry aiming towards becoming a globally recognized Department and University.

OBJECTIVES

- To provide architectural education to empower students to become protagonist of positive change by exploring, learning and practicing a sustainable and inclusive form of architecture.
- To develop the capacity of the women students to practice architecture which is humane and sustainable by developing understanding of:
- Sustainability which encompasses not just environmental variables but also socially- economically- culturally responsive architecture.
- how peace and inclusion can be fostered in society through domains of architecture and planning.
- To foster innovation and creativity through promotion of holistic learning environment, a flexible and distinctive pedagogy that leverages use of latest technology, hands on activities in the form of field visits, peer learning, etc. while instils a notion of lifelong learning.
- To promote a learning environment that welcomes and honors women from diverse cultures for involving themselves in intellectual inquisitiveness, explore knowledge dimensions for future application in industry, profession and life

•To shape student's mind into thoughtful and responsible individuals who are effectively able to tackle the challenges of the profession and create ecosystems which enhance the quality of life.

•The Department has a remarkable Infrastructure with well-lit Classrooms, Design Studios, well-equipped Labs in Climatology, Surveying and Levelling, and a Computer Centre with latest software tools. The teaching pedagogy involves indoor and outdoor teaching, academic tours and industrial visits, hands-on working and learning experience in the departmental workshops for carpentry and metal, model making and also a construction yard. The Library is well equipped with latest books and journals and has access to e-learning resources. There is also a material museum which houses various industrial materials for a visual learning experience. The campus is Wi-Fi-enabled and under constant CCTV surveillance.

•The teaching environment in the Department is known for discovering extraordinary ideas and extraordinary people. The courses are designed to promote capacity building and knowledge sharing hence the curriculum of the Department is comprehensive and integrated across relevant subjects. IGDTUW believe in interdisciplinary learning so that students can opt for various electives across the engineering branches also.

•The Department is known for breaking new grounds and generating unexpected outcomes. The faculty is constantly available in the campus for iterative academic growth and overall development of students. Students are encouraged to discover new ways of thinking and problem solving. Students are encouraged to participate in extra-curricular activities and societies pertaining to cultural and alternate skill development programs. Time management exercises and team leadership qualities are also promoted through the open teaching environment. The department believes that the field of Architecture & planning can generate real and productive changes in the world.

Department of Applied Sciences and Humanities (ASH)

Programs Offered:

**Ph.D. in Physics,
Chemistry, Mathematics
and English**

Faculty List

Prof. Chhaya Ravi Kant,

Professor & Head of
Department

Prof. Ranu Gadi

Professor, Dean(Industrial
Research & Development and
Research and Collaboration)

Prof. Shalini Arora,

Professor & Chief Warden

Dr. Dinesh Ganatra

Associate Professor
Estate Officer

Dr. Geeta Sachdev

Assistant Professor
Assistant Registrar
(Academics)

Dr. Bhavani Prasad

Assistant Professor
Co-ordinator IRD Cell

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.

VISION

The vision of the department is to become a center of academic excellence for professional and higher education in Applied Sciences, Management, and Humanities along with a renowned research center with cutting edge technologies and state-of-the-art infrastructure.

- To prepare and train B. Tech students in Physics, Chemistry, Mathematics and Communication skills with an applied approach.
- To cater our students to pursue both intellectual growth and professional development, balance both depth and breadth in learning experience, practice both thoughtful reflection and active application.

MISSION

- To enable the students to analyze and apply mathematical and scientific techniques in engineering, technology and interdisciplinary streams.
- To teach our students to question critically, think logically, communicate clearly, and live ethically. These skills serve as the foundation for living the examined life and succeeding in an increasingly global, ever-changing workplace.

OBJECTIVES

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. Our objective is to train budding engineers with strong foundation in Sciences and to prepare professionals to face the workplace with strong ethical values.

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.

Dr. Bhavya Raj
Assistant Professor

Dr. Surender Kr. Sharma
Assistant Professor

The Department has undertaken several sponsored projects funded by CSIR, DST and UGC etc. There are currently twenty registered research scholars involved in active research for Ph.D, under different faculty members of the department. Many 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 equipment to support teaching and research activities for undergraduate, post graduate and doctoral programs

Department of Management

Programs Offered:

-BBA – 3 yr

-MBA – 2 yr

Faculty List

Prof. Shalini Arora,
Head of Department &
Hostel Chief Warden

Dr. Dhanjay Yadav
Assistant Professor

Visiting Faculties

Dr. Sushil Diman
Dr. Shalini Yadav
Ms. Shikha Gupta
Ms. Shipli Gulati
Mr. Luckshay Batra
Ms. Anjali Raghav

University has started Department of Management under the Faculty of Business Studies in 2019. We offer management education based on principles, ethical and human values, directed towards the changing needs of the professionals, society, industry and Nation.

VISION

The vision is to be recognized globally as the destination for future leaders and become a center of excellence in management education by creating a knowledge society and promoting the Centre's of Excellence in the field of business education.

MISSION

- To provide the aspiring women of India a learning environment to meet the challenges of changing environment and encourage them for continuous innovation and learning.
- To equip the young minds with skill-based practical business management knowledge and analytical skills and develop entrepreneurial capabilities to facilitate them in emerging as Business Leaders.

The Department is currently running a BBA program and is launching a new two-year full-time MBA program starting from Academic Session 2020-21 in order to cater to the growing industry need for Management graduates, with technical background.

Incubation Centre of the University



Board of Directors

IGDTUW
Anveshan Foundation

Dr. (Mrs.) Amita Dev,
Chairperson
Vice Chancellor, IGDTUW

Dr. Arun Sharma,
Managing Director (MD)

Board members

Dr. Ranu Gadi,
Director (Procurement)

Dr. Jasdeep Kaur Dhanoa,
Director (Finance)

Dr. Manoj Soni
Director (Innovation, Project & IPR facilitation)

Chief Executive Officer
Dr. V. K. Arora

Deputy Manager
Mr. Rahul Sachdeva

ANVESHAN FOUNDATION has been formed as an independent corporate entity to enable sufficient flexibility and quicker response time and to bring in best of the professional practices for benefit of upcoming entrepreneurs. IGDTUW- Anveshan Foundation was incorporated on 13th October 2016, formed as a Section 8 company under the Indian Companies Act 2015, it is completely owned by IGDTUW.

ANVESHAN FOUNDATION is an outcome of Incubation Policy from Govt. of NCT, Delhi. Under this policy, initially 6 institutes from Delhi were selected to develop incubation centre within the institute, with an objective to provide a progressive and comprehensive platform to the entrepreneurs.

Indira Gandhi Delhi Technical University for Women is one of the 6 such institutions – Delhi Technical University (DTU), Netaji Subhash Institute of Technology (NSIT), Shaheed Sukhdev College of Business Studies (SSCBS), Ambedkar University Delhi (AUD), Indraprastha Institute of Information & Technology Delhi (IIIT-D) and Indira Gandhi Technical University for Women (IGDTUW).

VISION

To serve as a national program for innovation and business incubation in order to support and assist women in entrepreneurship and to promote the concept of technology entrepreneurship, and convert business ideas into successful business opportunities.

MISSION

- To encourage technological innovation and accelerate the development of commercially viable businesses in technology and allied sectors by providing a nurturing and supportive environment in fostering entrepreneurial ecosystem.
- To accord significant contribution in the economic health through attracting new women enterprises in technological and allied sectors/industries and helping existing businesses to be more successful.
- To promote excellence in learning and training, technology development & transfer and external engagement that promotes innovation and entrepreneurship through collaboration and partnership.

OBJECTIVES

- To conduct good numbers of programs, sessions, workshops, boot camps and competitions in the domain of entrepreneurship and start-up to motivate students and scholars.
- To motivate students to become job providers in the society through creating successful business ventures.

- To facilitate the availability of IGDTUW – Anveshan Foundation’s resources and seed-money to the incubates in a mutually beneficial way throughout their incubation period.
- To provide guidance and mentoring to budding entrepreneurs, boosting their confidence and helping them to take their business ideas to market in minimum possible time frame.
- To provide a conducive working environment to the e-cell members and incubates to nurture their innovative ideas.

IGDTUW Anveshan Foundation is a section 8 company promoted by Indira Gandhi Delhi Technical University for Women to create an entrepreneurial culture, to promote startups an intellectual property creation that can lead to the value creation, employment for inclusive and sustainable development. It is recognized by Department of Science and Technology (DST), Govt as Technical Business Incubator.

Activities under Anveshan Foundation

- Shri Vikas Anand IAS, Managing Director DSIIIDC, Shri D K Gupta, Director Finance, Shri Vinod Kr. Goyal, Dy. Commissioner Industries along with their team interacted with Incubates and Pre-incubates of Anveshan Foundation on 13th January, 2020 to understand entrepreneurial ecosystem in region Delhi
- “Andha” organized by Lemon Idea with the support of GiZ, Urdhalo and several others organized a Regional level contest at IGDTUW on 3rd Jan., 2020. Top 5 teams qualified for national round with two teams from Anveshan Foundation Incubate ETI Labs and STEMEDU qualified for final national round of Innopreneur in the contest at IGDTUW
- Mentorship Session organized by Anveshan Foundation for Entrepreneurship Aspirants Students, Promoters of Start-ups, Preincubates, Incubates, Faculty members and facilitators in the entrepreneurial ecosystem on Topic - 'Government Support and Policies pertaining to MSMEs and Start-ups' and 'ISO 9001 (QMS), ISO 14001 (EMS), ISO 45001 (Safety), Lean and Six Sigma.'



IGDTUW ANVESHAN FOUNDATION
Kashmere Gate Delhi - 110006

Mentorship Sessions for Start-Ups Series 5

Who should attend: Entrepreneurship Aspirants Students, Promoters of Startups, Pre-incubates, Incubates, Faculty members and facilitators in the entrepreneurial ecosystem

12th July 2020 | Registration Link: <http://bit.do/anveshanmentorship>

Mentor 1 (Timing 03.00 PM onward)
Shri. Anuj Goel, Director, VQMS Private Limited
Topic - 'ISO 9001 (QMS), ISO 14001 (EMS), ISO 45001 (Safety), Lean and Six Sigma'

Mentor 2 (Timing 04.30 PM onward)
Shri. Tripti Singh Soman, CEO & MD, KGS Advisors LLP
Topic - 'Government Support and Policies pertaining to MSMEs and Start-ups'

No Participation Fee | E-Certificates will be provided | Prior registration is required | Limited Seats
For queries, drop an e-mail to Dr. V.K. Arora at ceoincubation@igdtuw.ac.in
Details of the Online Platform will be shared via email to the registered & approved participants:
<http://www.anveshanfoundation.org>

- IGDTUW Anveshan Foundation organized six-week online Internship Program on “STARTUP MANAGEMENT” to foster creativity, innovation and business incubation among youth and to prepare them towards Corporate Entrepreneurship (intrapreneurship) for better initial success in the Corporate World.

IGDTUW Anveshan Foundation
 (Promoted by Indira Gandhi Delhi Technical University for Women)
 Launches
 A Six-Week Online Internship Program on
STARTUP MANAGEMENT
 June 15 – July 24, 2020
 Inaugural Event on 15th June 2020 3:30 PM – 04:00 PM (ONLINE)



Shri. Harish Chandra
 CTO, Sarovar Hotels and Resorts
 Guest of Honour



Dr. Amita Dev
 Honourable Vice Chancellor - IGDTUW and
 Chairperson - IGDTUW Anveshan Foundation
 Chief Guest

For details and participation, Contact: Dr. V K Arora ceoincubation@igdtuw.ac.in | +91 98 31 59 30 59

- IGDTUW Anveshan Foundation organized a competition “Gandhi Young Innovative Idea-2020” on the occasion of Gandhi Jayanti on 2nd Oct. 2020 and the best idea were awarded by cash prize.

IGDTUW - ANVESHAN FOUNDATION
 IGDTUW Campus, Kashmere Gate, Delhi-110006
 A Business Incubator Promoted by
 INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN

'Gandhi Young Innovative Idea - 2020'

On the occasion of
 151st Birth Anniversary Celebration of Mahatma Gandhi

Objective
 IGDTUW Students of UG/PG/PhD can submit projects/innovation in all the fields of engineering, science, technology and design through extremely affordable/economical solutions to deal daily life problems

Awards
 1st - INR 5,000/- | 2nd - INR 3,000/- | 3rd - INR 2,000/-

Important Dates
 Last Date of Submission: 01st October 2020, by 11 AM
 Presentation Date: 01st October 12 Noon onward (Online)
 Announcement of Result: 02nd Oct, 2020 (Online)

All the students will be awarded a ‘Certificate of Participation’.
 Award winning participants will be provided ‘Certificate of Appreciation’

Any queries could be directed to Mr. Rahul Sachdeva, Dy. Manager; Email: rhusachdeva@igdtuw.ac.in

Registration Link: <https://bit.ly/2G27p08>
 Website: <http://www.anveshanfoundation.org> | University Website: <http://www.igdtuw.ac.in>



Result for GYII Award 2020

**Consolation Prizes of Rupees One thousand (Rs. 1000/-)
 (In no particular order)**

S.No	Name	Dept. / Sem	Project Title
1	Bhumika Banswal	Dept. of IT, - 3 rd Sem	DAAN UTSAV
2	Jyoti Meena	M.Plan , 1 st Sem	PREVENTING ENCROACHMENT USING URBAN INFORMATICS
3	Akanksha Saini Vandna Choudhary Rashmin Shivani	Dept. of IT, - 3 rd Sem	ONSCREENPAPER
4	Viral Pursey	CSE , 7 th Sem	GET SET LEARN

Positions

Position	Name	Dept. / Sem	Project Title
1 st	Kshitija Shekhar Mansi Bansal Shubhangi Gupta	CSE, 7 th Sem	RAAHEE - AN APP FOR MENTAL HEALTH SERVICES
2 nd	Muskan Jain	ECE, 7 th Sem	BSAFE - WEARABLE WOMEN SAFETY DEVICE
3 rd	Pooja Gambhir Surbhi Khurana	Dept. of IT, PHD Scholars	VOICE ASSISTIVE SMART STICK FOR THE VISUALLY IMPAIRED

IGDTUW STUDENTS PLACEMENT HIGHLIGHTS

The Placement Season for the batch 2019-20 started with the high note and more than 80 companies visited the campus for about 277 Full Time Offers, 43 pre-placement Offers and more than 173 internship offers. Thus about 465 offers were received by students in the year 2019-20 during the On-Campus Drives. The CTC of Rs.43.3 Lakhs from Microsoft IDC and internship package of Rs.1.5 Lakhs per month from Uber were the highest in each category.

It is a matter of stupendous pride to share that compared to the last year 2018-19, there has been a rise in average CTC from 10.3 Lakhs per annum to 13.33 Lakhs per annum and a rise in highest package from 41.6 Lakhs to 43.3 Lakhs.

Many of our students have been placed in renowned National and Multinational companies. We are honored to have corporate giants like Google, Microsoft, Uber, Intuit, Goldman Sachs, American Express, Walmart, Netapp, Cisco, GE, Nestle, Siemens, Accenture , TCS, DELL, Qualcomm, Mahindra & Mahindra, Maruti , Honda, Bajaj Automobile, MG Motor, Tata Motors, Nestle, Eaton, HUL, Ather Energy, Siemens, Honeywell, Cameron, Fluor Daniel, and list is endless, visiting us annually and offering great opportunities to our students.

Excellent Preplacement offers to the Students of IGDTUW under the dynamic leadership of Hon'ble Vice Chancellor Prof Amita Dev

GOOD NEWS

Indira Gandhi tech univ students beat slowdown, bag offers from MNCs

SAFETY NET (त्रिवेदी)

THE Covid-19 pandemic has put the brunt on the economy, and many companies have cut costs, and even suspended operations, but none of that seems to have impacted the placement drive as yet because less than 10 students have got placement offers from various companies. This is despite the fact that the placement drive was suspended due to the ongoing COVID-19 pandemic.

Students of the IGDTUW beat the slowdown, bagging pre-placement offers from various companies such as Microsoft, Intel, Wipro, TCS, DELL, Qualcom, Nestle, Eaton, HUL, Ather Energy, Siemens, Honeywell, Cameron, Fluor Daniel, and list is endless, visiting us annually and offering great opportunities to our students.

More students are expected to be placed in the coming days as the ongoing placement drive, for

IGDTUW: माइक्रोसॉफ्ट से 13 छात्रों को 45 लाख का ऑफर

इन्डिया एक्सप्रेस ने बताया कि इन छात्रों को इनकी शैक्षणिक विकास की ओर अधिक ध्यान दिया गया है। इनमें से 12 छात्रों को इंटर्नशिप और एक छात्र को फुल टाइम ऑफर मिली है। इनमें से 12 छात्रों को इंटर्नशिप और एक छात्र को फुल टाइम ऑफर मिली है। इनमें से 12 छात्रों को इंटर्नशिप और एक छात्र को फुल टाइम ऑफर मिली है। इनमें से 12 छात्रों को इंटर्नशिप और एक छात्र को फुल टाइम ऑफर मिली है। इनमें से 12 छात्रों को इंटर्नशिप और एक छात्र को फुल टाइम ऑफर मिली है।

IGDTUW STUDENTS RECEIVE EXCELLENT PRE-PLACEMENT OFFERS FROM TOP COMPANIES

इन्हें इंडिया एक्सप्रेस ने बताया कि इन छात्रों को इनकी शैक्षणिक विकास की ओर अधिक ध्यान दिया गया है। इनमें से 12 छात्रों को इंटर्नशिप और एक छात्र को फुल टाइम ऑफर मिली है। इनमें से 12 छात्रों को इंटर्नशिप और एक छात्र को फुल टाइम ऑफर मिली है। इनमें से 12 छात्रों को इंटर्नशिप और एक छात्र को फुल टाइम ऑफर मिली है। इनमें से 12 छात्रों को इंटर्नशिप और एक छात्र को फुल टाइम ऑफर मिली है।

Coverage in Leading Newspapers on 07/08/2020

माइक्रोसॉफ्ट ने 13 छात्रों को दिया 45 लाख का पैकेज

इन्हें इंडिया एक्सप्रेस ने बताया कि 45 लाख का डी-प्लेटफॉर्म और इंटरनेशनल स्ट्रेटेजी का ऑफर मिला।

Year-wise Highest CTC Comparison for Full Time Offers (in LPA)

CTC in LPA

Year	CTC in LPA
2016-17	27
2017-18	27
2018-19	41.6
2019-20	43.3

Year-wise Highest Stipend for Internship Offers (in Thousands per Month)

Stipend in Thousands per Month

Year	Stipend in Thousands per Month
2016-17	45
2017-18	45
2018-19	80
2019-20	160

In the Placement Season 2020-21 till now, more than 300 full time offers and about 203 internship offers (for summer internship-2021) have been bagged by the students.

date, the highest annual package offering for full time is 59.45 Lakhs CTC by Google-India, with internship package of 1.6 Lakh, by Uber for the 2021 summers. The placement season started on a high note with more than 55% of the current FTE offers being above 14 Lakhs CTC (so far) and a commendable increase in the number of Pre-Placement Offers.

There has been an exponential growth and the current placement statistics stand true to this testament. IGDTUW students, faculty and staff expect that this trend continues throughout the placement season and companies continue to reiterate the ever-increasing confidence the industry places upon IGDTUW.

60 Pre-placement Offers as on 7th August, 2020. Microsoft – 45 lakhs to 13 students, Walmart, Intuit, Expedia Deutsche Bank, Amazon Optum etc.,

The university is extremely proud to partner with some of the leading names such as Atlassian, Google, Microsoft, Intuit, Uber, Goldman Sachs, Deutsche Bank, Morgan Stanley, Walmart, Flipkart, Salesforce, Adobe, American Express, Volvo, Expedia, Cisco, GE, Nestle, Siemens, Accenture, Myntra, DELL etc.

New companies that visited us for the first time this academic year-2020-21 are: **Atlassian, BNY Mellon, Zomato, Adidas, Wells Fargo, Standard Chartered, Grant Thornton, Confluent, Athenahealth, Barclays, AppDynamics, Testbook, Ericsson India, Analog Devices Marvell Semiconductors, DE Shaw, JTG, Teradata and PhonePe.**

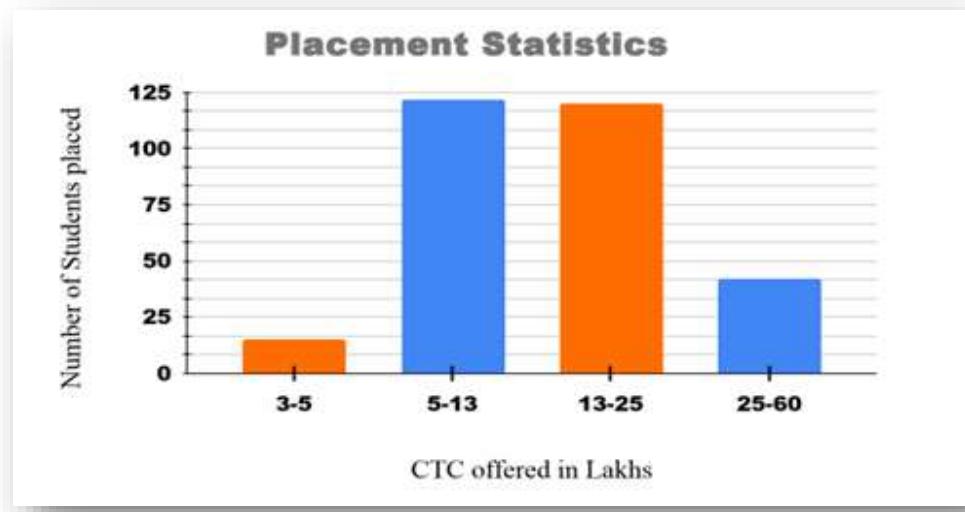
The huge number (92) of pre-placement offers bagged by students in these pandemic times and new recruiters constantly coming to the campus to hire shows the promise and reputation that the students have built for the University.

Atlassian offered package of 51.5 CTC, came for the first time and hired 9 students, the highest number from any university in India in this season. Microsoft IDC has offered 20 Full time and 40 summer internships-2021 offers.

Google visited IGDTUW campus for Kickstart Roadshow, both in 2019, when it was held on campus and this year in September 2020, when it took place virtually. This event received an overwhelming response from the girls at IGDTUW, who showed great zeal, enthusiasm and technical abilities.

This summer 2020, three students, **Isha Gautam, Jap Leen Kaur Jolly and Ria Arora**, interned at Google as Software Engineering Interns. We're glad to share that Jap Leen Kaur Jolly has also received an offer to join Google as a full-time Software Engineer in 2021. She had previously interned at Google in 2019 as a STEP intern. She is the Director at Women Who Code Delhi and an evangelist at Delhi Women in Machine Learning and Data Science. She was also a part of the winning team for Smart India Hackathon 2019 and was also a Facebook F8 scholar.

Two girls from the University, **Karishma Singh Chauhan and Ananya Jain**, bagged a STEP internship 2020 offer from Google. We're excited to share that both of them have now been offered a return internship for 2021 as Software Engineering Interns. Apart from them, two students, Sanchi Bisht and Sara Anwer, got direct on-campus Software Engineering Internship offers for 2021 from Google.



IGDTUW – RECRUITERS



INTERNSHIP FIRMS



IGDTUW – FOREIGN UNIVERSITY



SOCIETIES OF IGDTUW

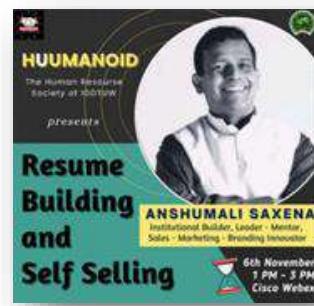
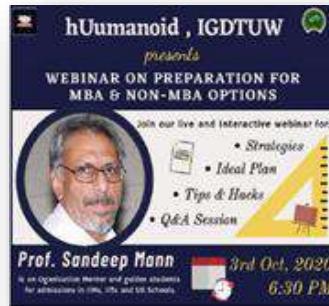
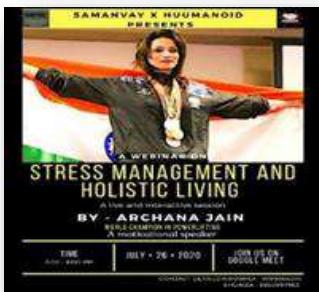
HUUMANOID- The HR Society



HUUMANOID is the Human Resource Society of Indira Gandhi Delhi Technical University for Women. We introduced our tagline/slogan as "U make it Ingenious!" The philosophy behind the extra U in the name defines the ability of a Human to do things in a clever, original and innovative manner.

Objective- The objective of our society is to help students to shape themselves into professionals before entering the corporate world. Through workshops, seminars, webinars, fun events, value-adding activities, industry-oriented summits and competitions etc; we provide a platform to develop new skills and explore oneself.

Activities



ZOSH- The Marketing Society



ZOSH is the marketing society of INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN. This society has been established by the BBA branch. ZOSH aims to educate about different aspects of marketing like- Advertising, Branding, Copywriting, Customer relationship management (CRM), Direct marketing, Event planning, Graphic design, Internet Marketing, Market research and Marketing communications, etc.

Objective

Promotion of various technical and non- technical societies in the college.

Facilitate marketing management for the societies so that they can concentrate on core activities.

As it is the very first society formed by the BBA batch, it would motivate future batches to create more commerce societies.

Expanding the mental horizon of students in the context of the world of marketing.

Building a bridge between the corporate sector and students' life.

Supporting the interest of the students who aspire to make a career in this field.

Creating resources and organizing events that foster students' interests in marketing.

To keep the students abreast with the dynamic business environment and to equip them with the most updated information and skill

Activities

AD MAD - An Advertisement Making Competition for students to showcase their creativity in marketing products and services. The event key focus areas were product designing, business negotiation, and advertisements curation.

Logostics- The virtual event organized by ZOSH aimed at logo designing by using advertising. *Logostics* gave a platform to students, depicted an interestingly broad range of perspectives and understanding of marketing through graphic designing. The scope of the event was to instil the knowledge and Significance of a logo in business, providing an understanding of how a symbol can speak for the organization.

Market colloquium- The debate competition Market colloquium was organized by Zosh-The Marketing Society of IGDTUW and TechnoLiterati- The Literary Society of IGDTUW. All the participants were given a stipulated time frame to express their view on the topic *Marketing - boon or bane for consumers*. The judges for the event were Ms. Himani ma'am and Mr. VK Arora, the CEO of Anveshan Foundation.

GMAT webinar- A webinar for all the MBA aspirants. The speaker for the webinar was Mr. Piyush Beriwala, 99% CAT score holder and 740 GMAT score holder with an experience of over 10+ MBA counselling.



ANTARGAT- Creative Society



'ANTARGAT' means 'within'. This creative society looks at waste with a different perspective. Waste is only waste if wasted. Every waste has some useful potential to be identified and put to work. The society is initiated to collect like-minded individuals who have a different perspective to waste and an eye for creative modelling of the same. The Ideation of the society is to recycle, remodel, reuse Waste from the university and likewise, putting condemnation process to a new visionary outcome.

The main aim of the society was to

Reduce condemnation waste in the University by promoting repair and remodeling of furniture etc.
Reuse and Recycling of usable waste from University like furniture, civil waste items, event waste, canteen waste etc.

Initiating projects where waste items can be transformed to usable products and spaces.



SAMANVAY – The Economics & Research Society



SAMANVAY is the Economics and Research Society of IGDTUW, established in June'2020.

OBJECTIVES- This society strives and commits to impart holistic development through interdisciplinary approach for economics and research. It promotes necessary qualities to build a strong intellect to inculcate quality knowledge for the subject. This society aims to have a sustainable and progressive impact on students.

Activities

WEBINAR ON STRESS MANAGEMENT & HOLISTIC LIVING

CROSS-WEEK- An online six days long event was organized that had curation of crossroads touching lengths of various topics from college life, technology, economics to the persisting pandemic COVID-19. The event received overwhelming responses from participants and they seemed to have thoroughly enjoyed it. Samanvay takes a vow to amuse and create collective awareness amongst students.



MUDRA- The Finance & Investment Society



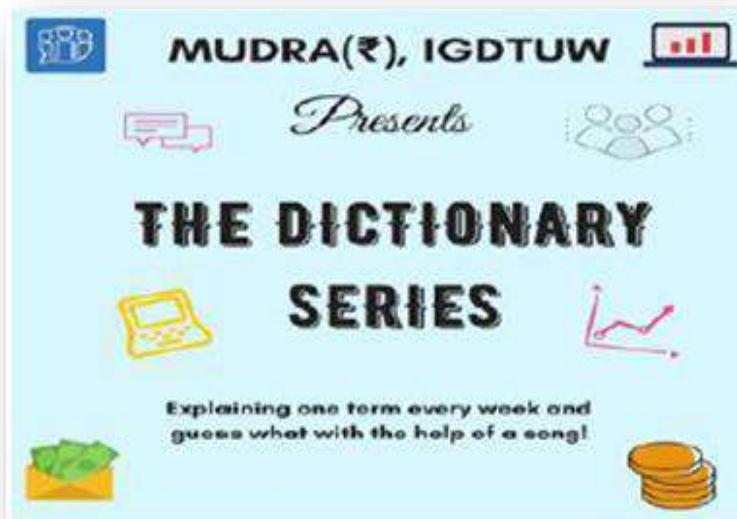
MUDRA (₹), The finance & investment society with a focus on Corporate communication was founded in April, 2020 with the motto of breaking down concepts like networking, finance and making them more fun and engaging for the students.

OBJECTIVE - To learn, engage and access in the field of Finance and Corporate in an easy and insightful way.

ACTIVITIES

Online Finance Dictionary series

In order to make sure that learning did not stop in quarantine, the society created “Mudra Dictionary Series” online wherein it explained financial terms and associated their meaning to our favorite songs.



“Learn from Home” Webinar organized in the presence of guest speaker Ms. Kriti Singhal wherein she shared her success story of creating one of India’s fastest growing youth communities. The webinar focused on professional hacks, people skills that can help us grow in the corporate world, followed by a Question- Answer round with the speaker wherein the students got the opportunity to personally interact with the speaker. The session also aimed at providing networking tips for the students and how to grow soft skills for the same.



VARTTA- The Business News Society



VARTTA focuses on building general knowledge of current topics that are flashing in newspapers.

OBJECTIVE- To make students aware about the latest business changes that happen all over the world. The society has come up with the idea of making news articles interesting for students. By organizing competitions, guest lectures, small events, etc. VARTTA aims to build an analytical mindset of a student.

Synergy Sports Club



Synergy Sports Club, IGDTUW is a platform for all Sports amateurs and professionals to come live the thrill they feel while running, kicking the ball, smashing a shuttle etc. The club focuses on promoting participation in sports and inculcating the spirit of sportswoman ship among the students.

The Fine You- THE MENTAL AND PHYSICAL HEALTH CLUB

The Fine You- THE MENTAL AND PHYSICAL HEALTH CLUB aims at creating a space where talking about mental health is as natural as physical health conversations. To encourage you to care for your bodies through physical activity, proper nutrition, and mental wellness.



Activities

- Webinar on Mental Health Awareness
- Physical Fitness Online Camp
- Online Interactive Sessions with Core Members

RAHNUMA -The Dramatic Society



Rahnuma, the dramatics society Of IGDTUW successfully produces a street play every year since its beginning and deals with gripping social issues such as emotional health, animal cruelty, sexual health and much more. It has performed at numerous street play competitions held at various colleges spread across the nation. Every year, it is also invited by the National School of Drama to perform at the famous Bharat Rang Mahotsav. The team also wins noteworthy prizes and accolades at prestigious competitions and is a well-recognized team in the Delhi Collegiate Theatre Circuit. Rahnuma, through its hard work, goodwill and dedication strives to create a social change and make the society a better place. It undoubtedly brings pride and recognition for IGDTUW.

Activities

Online Social Campaign (March 2020 – July 2020)

Since the past 2 years Rahnuma conducts its annual social campaign (Pehel) as a part of which the team gives public performances at famous spots such as Rajiv Chowk Metro Station, Netaji Subhash Place, Vishwavidyalaya Metro Station and many more. This year due to the world-wide pandemic the team was unable to perform physically at these places but we were very determined to spread awareness about the issue that we had taken up for this year hence the team decided to take the campaign online.

The **Sexual Health Awareness Campaign** started in March 2020 as a part of which a series of events were conducted in order to spread awareness through the team's social media handles by posting informative posters, conducting question answer sessions, quizzes and much more.



The Economics Society

The Economics Society, a virtual forum to make students more comfortable with topics such as stock market, share market, bonds and debentures, was started by Shailaja Gupta, from the batch of 2009-13, ECE Department. This forum allows students to post comments about news items and new information about the finance world such as articles on how money was born, quantitative easing, failure of currencies, stock market, bull and bear market. The members of this society have been enthusiastically disseminating knowledge through articles, snippets and interesting news items, which otherwise would have been a daunting task for students having no sufficient academic background in Economics and Finance.

SAE-IGDTUW Collegiate Club

SAE IGDTUW Collegiate Club is a Chapter of Society of Automotive Engineers (SAE-INDIA), Northern India Section (NIS). Established in 2000, SAE-IGDTUW Collegiate Club enabled IGDTUW to become an integral part of SOCIETY OF AUTOMOTIVE ENGINEERS, based in Detroit, U.S.A. It provides the student members of IGDTUW with an ideal platform for having an insight in all the technological revolutions taking place around the world.

The following activities have been organized by SAE club:

- SAE Northern India Convention for the year 2010
- Industrial trips
- Guest Lectures

- Workshops for the students in the following areas
- Automobile
- Robotics
- Aerodynamics
- Green Technology- Solar cells
- Ethical Hacking
- Annual Technical Fest Xebec
- Technical Paper Presentation workshop followed by a TPP Competition
- Inter Collegiate completion on Automobile control system;
- Movie Screening based on automobiles

The college students has been taking part in the following SAE India Programs

BAJA SAE India

- SUPURA
- Effi- Cycle
- AWIM (A World In Motion)
- SAE India Foundation Scholarship (Kalpana Chawala Award)

The collegiate club has more than 200 student member and has won the award for the best collegiate club in the Northern Section

B.H.A.V (Behold an Architect's View) - The Role Play Society

The main aim of the society is to provide a platform that brings within the education curriculum, the social issues and challenges. This would promote creative and innovative thinking among youth to reach upon realistic solutions to problems dawning our society at large, while simultaneously familiarizing them with the professional workflow.



The Society's apex mandate shall be to organize events (like role plays, guest lectures, etc.) which are simulation of professional work field, with participants portraying the roles of various stakeholders of the set agenda, to engage in spontaneous intellectual debate and discussion to reach upon a collective decision, which bears the potential to be recommended to concerning bodies for its actual implementation.

ACTIVITIES

- An online creative writing competition on “Skimping Adjectives” was organized on the occasion of Valentine’s day (14.02.2020) with the main idea of describing our loved ones (friends, family, pets, etc.) without using adjectives. The participants came up with unique ways to describe the people they love.
- An inter-college event on Narrating life stories with theme as “Tales worth telling” was organized on 18th February 2020 where students from various departments shared their life stories with the audience. They described how certain events their lives shaped them into who they are today. It was a wholesome session and everybody in the audience went back with life lessons they would remember forever. Sessions like these are important because they help us realize the strength of unity and spreading positivity.

- The event was organized on 5th May 2020 in collaboration with Enactus IGDTUW to provide a platform to everybody who had an opinion on the ongoing discussion on social media when a series of conversations were exposed online. The aim of the event was to have a healthy discussion around the topic, “Is education, monetary comfort and worldly exposure enough to teach basic lessons on respecting each other?”.
- An online writing event was organized on 8th April 2020 to appreciate efforts of people providing essential services during lockdown and spreading awareness and sensitivity and gave students a chance to reflect and to be aware of their surroundings. Prior to event two examples by Anubhuti gupta and Chetna gola was posted to help those who find it hard to understand and write.

ZENA- The Fashion Society



Zena, the Fashion Society of IGDTUW, represents IGDTUW at various events and creates visibility for the university. It strives to showcase pertaining issues in our society through fashion and design. It has a team of models, designers and makeup artist who work together to bring strong and impactful performances to the ramp. The society also sends the message that bodies of all shapes, sizes and colors are perfect. The models are themselves examples of the same and influence others to feel confident about their appearances as well.

The aim of the society is to get these social messages across through various enactments. Through the years, Zena has showcased topics like water pollution, women empowerment, and the LGBTQ+ community through their performances.

ACTIVITIES

- Zena bagged the first position in the fashion competition held on 1St February'20, hosted by Delhi Metropolitan Education's Annual Cultural Fest, Aloha. The society was awarded with a trophy, certificates and vouchers.
- Zena bagged the second position in the fashion competition held on 25th January'20, Ramp Burn hosted by Indian Institute of Foreign Trade's Annual Cultural Fest, Quo Vadis. The society was awarded with certificates and vouchers from brands like VLCC and Delhi College of Photography.
- Zena bagged the second position in the fashion competition held on 14th February'20, hosted by Symbiosis Law School's Annual Cultural Fest, Symfiesta. The society was awarded with certificates and vouchers from brands like Dineout.
- Zena conducted an #IAmRemarkable workshop which is an initiative by Google which aims to empower women and celebrate their achievements. The workshop is structured to make the attendees feel more confident about what they have achieved in their career. It aims to challenge the social perception around self-promotion by teaching the much-required skills for the same.
- Zena organized a Makeup Masterclass on 16th August, 2020 which was headed by the Head Designer, Deekshita Verma who is a self-taught makeup artist. Participants were shown how to create the look 'Monochromatic Brown'.

ROTARACT CLUB



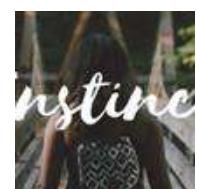
The Rotary club-IGDTUW is the student body representation of Rotary International at Indira Gandhi Delhi Technical University for Women. This society aims at women's empowerment through social service. Being in an engineering stream, society members aim to use the engineering skills to design products and projects to make the world a better place for everyone. The society strives to steer the club on the path laid down by the maxims and morals of Rotary International, as individuals and as a collective entity.

ACTIVITIES

- ROTARACT CLUB IGDTUW (RCIGDTUW) participated in the District initiated project PRABHAV Phase I- 'ESTABLISHING FOUNDATION', where 20+ Rotaractor participated to plant saplings near their localities and parks. They also encouraged 38 Non-Rotaractor to participate. All the safety measures were like wearing masks, etc. RCIGDTUW funded 100 saplings to RWA Indra Vihar colony and also cleared the parks and donated 200 saplings to a park in Sanjay Nagar L block Ghaziabad, planting a total of 350 saplings.
- RCIGDTUW participated in the District initiated project PRABHAV Phase II- 'SUSTAINING HUMANITY', where Rotaractor donated various necessary items like masks, sanitizers, clothing, food accessories, face shields, so on, to the police officers, guards and workers. All precautions and measures were taken for this initiative maintaining social distancing, hygiene and wearing masks. RCIGDTUW also funded for home cooked meals to feed 25 people for 3 days and also donated masks sanitizers and face shields to the hawker and workers.
- RCIGDTUW participated in the District initiated project PRABHAV Phase III- 'PROTECTING LIVES', where Rotaractor feeded animal in their localities, they took various measures to protect them and improve livelihood. RCIGDTUW dedicated this project to Vinayaki, the pregnant elephant who was killed in Kerala. Some Non-Rotaractors also adopted stray dogs as a pet. All the necessary precautions and measures were followed while doing the activities.
- RCIGDTUW initiated project YOG to spread awareness about health and fitness among youth. In this initiative we asked people to share a picture or video of themselves while doing some yoga asanas or any other fitness activity. This project received an overwhelming response and was a huge success. More than 80 Rotaractors and Non- Rotaractors participated in this project.

Instinct- The Life Skills and Peer Educators' Society

Instinct is the first Peer Educator's and Life Skills Society of IGDTUW which was initiated in July 2016. The main objective of the society is to help peers change mind-sets, question social norms and explore themselves. The tag line of the society is – 'Define your own Ideal' which focuses on finding your own self and your own principles rather than following the one's set up by the society.



The society aims to create a dialogue and provide a platform for open discussion on issues that are relevant to student and adult life but are not given main stream attention most of the time.

ACTIVITIES

- Event on "Elocution for Confidence building" was conducted on 19th September 2020 with the key motive to imbibe self-confidence in the students and make them overcome their fear of public speaking.

- An online series on “Adulting 101” was organized by Instinct to make the students aware about the various aspects of Adulting from 24th April 2020 to 5th May 2020
- An event on “Scavenger Hunt” was organized to spark creativity and give the brain some exercise during lockdown from 24th-28th May 2020.
- The session on “Professional short skill” was conducted on 24th April 2020 by the founder of Instinct- Aarushi Mittal. It focused on helping the students understand the various soft skills that are required in the corporate world and how these skills are as necessary as hard skills.
- Event on “Combat CORONA” was conducted on 21st March 2020 to check the knowledge of students regarding the coronavirus and to bust any myths that they had regarding the virus.
- Various activities such as word play, Clean the ground, stress buster, Spread love, Mental Health Bingo and many more were conducted by Instinct Society during 2020 season.

TECHNO LITERATE -Literary Society



Techno-Literate is Literary society of Indira Gandhi Delhi Technical University for Women. This society helps students to hone their literary skills. If you wish to speak this is the stage; if you want to pen down your thoughts, here is your arena;

ACTIVITIES

- The flagship event of TechnoLiterati “Uncover the Cover” was organized and was a great success with 30+ students’ participation from 6th-10th January 2020. Literary enthusiasts guessed the name and author of a book from its cover.
- TechnoLiterati’s HackDay was conducted on 15th January 2020 to provide introduction to Microsoft Azure, Ideation Workshop, and Ideation. More than 20 teams of 3-4 members participated in the Hack Day. Winners received prizes and certificates were given to all participants.
- A Webinar on “Technical Blog Writing Session” was organized on 4th April 2020 and conducted live on YouTube with 300+ participants.
- Speaking skills enhancement workshop on “Speak to Lead” was organized on 16th May 2020. The event was conducted online on Google Meet and saw 30+ participants speak on the topic given to them and ended with a quiz of commonly mispronounced words.
- A Turncoat debate on “Voice of Brain” was Conducted online on Google Meet, 13 orators debated on topics given to them. Dr. Bhavya judged the event and also gave feedback to all participants.
- An awareness drive on “World Environment Day” was conducted online on 5th June 2020. The event aimed on spreading awareness about World Environment Day by messages and posts.

TARANNUM- Musical Society



Tarannum, the music society of IGDTUW came into existence with a vision to facilitate musical talent in the University in September 2016 with a 7 member student core team.

The society has three different music ensembles, namely the Band, Indian Choir and Western Choir who work hand in hand.

The Western Choir of Tarannum is an ensemble of 10 members. With a focus on both western culture of music and A CAPPELLA music, it has been a part of multiple events and plans to be participating in future as well. The Indian Choir wing of the Tarannum has an amazing set of performers. In addition, the society also has a 6-member band. Tarannum has been a part of major events held in the college premises namely the Fresher's Function and Taarangana, and is working hard to achieve bigger milestones in the coming times.

TARANNUM is an amalgamation of three music areas: -

1. Rooh - Indian Music Team
2. Accordo - Western Music Team
3. Avasa - The Rock Band ([@avasa.igdtuw](https://www.instagram.com/@avasa.igdtuw))



ACTIVITIES

- The only all girls AVASA band “TARANNUM” performed at MSIT’s fest-‘**Genesis 2020**’ on 6th January 2020. AVASA was amongst the 10 bands selected after a preliminary online round to perform at Maharaja Surajmal Institute of Technology fest.
- CHOIR performed the Sarawati Vandana on the opening ceremony of DST-SERB sponsored One-week FDP on Deep Learning Algorithms for Medical image processing on 20th Jan 2020 and ASMET 2020 International Conference on 23rd Jan 2020. The event was started on a positive note with a melodious saraswati vandana sung by Tarannum members.
- All girls Band performs at Lal Bahadur Shashtri Institute of Management’s fest - ‘**Fortrock 2020**’ for the second round held virtually on 6th February 2020.
- The only All girls Band “AVASA” participated in ‘**Razzmataz** - the battle of bands’ at Rukhmani Devi Institute of Advanced Studies on 15th February 2020. AVASA was among the top 5 bands selected to perform at RDIA’s fest after the preliminary selections.
- On 21 February 2020, our all girls band, AVASA performed at ansal plaza for the event ‘Battle of Bands’ organized by Indian school of business and finance for their cultural fest ‘Xenia 2020’ after selection in their online preliminary round.
- An interactive activity between TEDx and the TARANNUM Musics band was organized with a special collaboration to spread cheer among the students through music on 24th February 2020.
- Band participated in an online competition ‘**Hold That Bop!**’ by Dream space on 26th June 2020. This was a novel competition held online during the lockdown for music enthusiasts all over the country.

Hypnotics- Western Dance Society



Hypnotics-Western dance society of Indira Gandhi Delhi Technical University for Women is an active and successful society not just in its University but across other institutes and Universities. Versatility is a virtue for the members of this society and they are trained to learn different western style dances.

It quotes “"We dance for laughter, we dance for tears, we dance for madness, we dance for fears, we dance for hopes, we dance for screams, we are the dancers, we create the dreams."

ACTIVITIES

- The Team Hypnotics hosted and conducted the dance prelims for IIT Guwahati in the IGDTUW auditorium on 17th Jan'2020/
- Hypnotics organized a Dance Delhi Fever event in collaboration with the members of Delhi Dance Fever on 28th /January 2020
- Urban-Thump TAARANGANA, A group dance competition was organized at the Annual Cultural Fest of IGDTUW on 1st February 2020
- Sponsorship Campaign was hosted by the Hypnotics Society in collaboration with Insightone for promotion of indulging in dance & physical activities during the COVID-19 pandemic on 15th March 2020.
- Hypnotics team showcased their dance to portray Women Empowerment through dance at DDUC on 16th March'2020
- Delhi Dance Fever and online live session was conducted by Hypnotics society with an awareness and interactive session on how to manage dance with studies on 24th July 2020.

UNNAT BHARAT ABHIYAN CELL



Unnat Bharat Abhiyan Cell, IGDTUW is a platform for transformational change in village development. It aims to work with the people of village in identifying development challenges through survey and evolving appropriate solutions for accelerating sustainable growth. UBA CELL have been very active throughout the year and have adopted 5 villages under the initiative.

ACTIVITIES (2020)

- The UBA Cell, IGDTUW team attended a two-day national workshop, under UBA, on 21st and 22nd January, 2020, organized by UGC, on fostering social responsibility and Community engagement in Higher Education Institution in India held at ISID, Vasant Kunj, New Delhi.
- A painting competition was held at the local govt. girls' senior secondary school on the theme of Save water on 6th March 2020 with around 60 participants in the event. This painting competition aimed at spreading awareness about UBA and building a bridge between the locals of the adopted village and the UBA cell of the University.
- An awareness session was conducted on “Precautions in COVID-19 outreach” with the release of a video and a poster to explain the disposal of masks on 14th April 2020 with total of 150 participants making the event a huge success

- An awareness session was conducted on “Precautions in COVID-19 outreach” with the video release to explain the various ways to boost immunity against COVID-19. on 3rd June 2020 with total of 150 participants making the event a huge success

Greensphere Society- The ECO Club



The GreenSphere society at IGDTUW came into existence with a vision to protect and conserve the environment by taking the Green route. "Green sphere" is the Environmental Society, which was formed in October 2008. Currently Dr Bhavani Prasad Naik is the Faculty Advisor

It aims at spreading environmental awareness and is an initiation by those who comprehend the engineering of ecological balance and the effect of our routine activities on our immediate environment. The activities and events are organized that focus on creating awareness among students and encourage greener practices.

Some of the initiatives taken by the society are:

- Sapling Distribution on Orientation Day every year to welcome the new students of the Institute, Poster Making Competition, Plantation Drive and Theme Photography Events.
- Green sphere also organizes several events and awareness campaigns such as Anti Fire-cracker awareness program, Earth Hour signature campaign, thematic T-shirt painting and Video-making competitions, workshops and seminars conducted by NGOs like ICPE, WWF, TERI, CSE, Swechha and many more.
- The society has initiated implementing the activities of Swachh Bharat Mission in IGDTUW. This society works in collaboration with Department of Environment, Govt. of NCT of Delhi.
- The Greensphere society of IGDTUW has successfully installed a Paper Recycling Unit which is being run by the students quite effectively and efficiently. The unit makes quality paper out of 46% waste, which is used for making Greeting Cards, Invitations, Fest charts etc.
- Greensphere actively participated in the programme named SWACHHTA PAKHWADA, which has been organized in the university.

ACTIVITIES

- Awareness workshop on Sustainable consumption and production (Reducing plastic pollution) and sustainable menstruation practices at IGDTUW on 31st January 2020.
- An awareness session on “Reduce plastic pollution” was organized by Greensphere at IGDTUW during the cultural fest TAARANGANA on 31st January 2020.
- College ground Clean-up and Recycling drive was organized by Greensphere on the theme “Recycling, Beat Plastic Pollution & Swacha Abhiyan” at IGDTUW on 4th February 2020.
- Greensphere society team from IGDTUW participated in an international webinar on “United Nations sustainable development goal 12” on 5th May 2020.
- Greensphere Society team from IGDTUW participated in a webinar on “Sustainable menstruation- Cups and conversations” organized in collaboration with the Rotaract club of BMS College, Bangalore on 8th August 2020.
- The team participated in an international workshop on sustainable menstrual practices for IGDTUW on 20th September 2020. The theme was “Meno-organic”

- IGDTUW completed two projects with WWF-INDIA (WWF Echo is a pan-India competition focusing on the practical and implementable solutions for environmental issues) under this competition. The projects focused on PLASTIC POLLUTION (2019) and SUSTAINABLE DEVELOPMENT GOALS (2020). The team won National Summit of project ECHO in 2019 and brought laurels to the University. The theme for 2020-2021 summit was "Change the way we consume food".

OSA Student Chapter- The Optical Society

OSA supports an extensive global network of more than 370 Student Chapters. These chapters, managed for and by students, create valuable opportunities for professional development and foster lasting relationships between peers and mentors.



Participating in an OSA Student Chapter helps you develop technical knowledge, leadership experience and lasting relationships with peers and mentors.

ACHIEVEMENTS

- IGDTUW OSA Student Chapter** received TWO "Optics in Action" Kits to celebrate the 2020 International Day of Light (16 May 2020), The Optical Society, USA will be providing 80 "OPTICS IN ACTION" kits to student chapters to utilize in their communities around the world. These kits contain lesson plans and experiments that can be leveraged to highlight concepts in optics and photonics and generate greater awareness of the impact of science on society! Each kit will have supplies for a classroom of 30 students. OSA has created 80 such kits for distributions in universities across the globe, and it's a matter of joy that IGDTUW will be receiving TWO such kits.
- IGDTUW OSA Student Chapter** received the "Diversity and Inclusion Grant-2020" of \$2000 USD (Two thousand USD). The grant has been provided to sponsor high-impact events focused on diversity and inclusion, particularly to include the "International Women and Girls Day in Science", that is on 11th Jan., 2020.

ACTIVITIES

- OSA IGDTUW Student chapter in association with department of Applied Sciences and Humanities organized "Women in Science" to celebrate International Day of Women and Girls in Science" on 11th February 2020. The society invited Dr. Prathibha Jolly, FinstP(IoP, UK), FNASc, Science and Society fellow, NASI, as an eminent speaker for the event.



IGDTUW- TECHNICAL SOCIETIES

ACM Student Chapter



ACM Student Chapter: - Department of Information Technology runs a student chapter under the aegis of Association for Computing Machinery (ACM) which is named as ACM Student Chapter @IGDTUW. ACM is world's largest educational and scientific computing society that delivers resources to advance computing as a science and a profession. Student Chapter has been successfully hosting numerous events in the field of computing and has helped students improve their programming skills and gain knowledge beyond curriculum.

The student chapter organizes technical talks from experts in the field of academics and industry, technical competitions among students and contributes immensely to the Annual Technical Festival of the University 'INNERVE'. All these events are organized and managed by students of the University under the guidance of faculty advisor. Students from outside the University are often invited to participate in large numbers in such events. In a nutshell, the chapter provides a platform for students to learn technical and organizational skills, thereby preparing them to face the challenging and ever evolving landscape of technology.

CSI Student Branch



Computer Society of India (CSI) Student branch was founded in 2008 with 120 members from Department of Computer Science and Engineering. Members of CSI promote confluence between technology and academia. Through regular workshops, competitions and seminars, CSI student branch has been successfully accomplishing its motto LEARN-ENVISION-INSPIRE and continues to strive towards it. Since its formation the society has organized many activities from time to time. These activities include workshops and boot camps on various upcoming technologies, monthly events both formal and informal. These are attended by students of various reputed colleges across Delhi.

IEEE Student Chapter



The non-profit organization, IEEE is the world's leading professional association for the advancement of technology. IEEE student branch was inaugurated on 6th Feb. 2004 with around 33 members. Now the student branch of IEEE boasts of 200 members. The IEEE Student Branch remains active throughout the year with its myriad activities. Other events that keep the branch breathing throughout the year are the IEEE Week, IEEE Day Celebration, and SIGs (Student Interest Groups).

The IEEE Student Branch continues to uphold its mission "To encourage innovation and technical excellence amongst young engineers to achieve socially constructive technical development towards a globally competent India."

The annual IEEE technical festival "IMPULSE" is conducted every year. The event was a huge success with massive participation from colleges from Delhi and outside.

The Robotics event – "ROBO SOCCER", in, an extremely popular event with number of teams participating from across India.

Activities

- Progate Learning Weekend was conducted in association with Progate from 3rd-5th July 2020. The event aimed at helping the students with placement and internship preparation.
- Webinar on IEEE and Its Benefits organized in collaboration with IEEE Delhi Section on 20th July 2020. The event was taken by eminent Speaker Prof. Prerna Gaur (Chair, IEEE Delhi Section and Branch Counselor, IEEE NSUT)
- A webinar on Intern Prep Talk on How to Bag Software Internship was conducted on 27th July 2020. The event aimed at guiding the students in bagging an internship at a reputed software company. Speakers of the event were Ms. Satwika Bhattacharjee (IEEE IGDTUW Chair and 4th year ECE student of IGDTUW), Ms. Mahima Kataria (4th year CSE student of IGDTUW)
- A webinar on Intern Prep Talk on How to Bag Hardware Internship was conducted on 29th July, 2020. The webinar aimed at guiding the students in bagging a hardware/ ECE core internship. Speakers were Ms. Mansi Kesharwani (WIE Chair, IEEE IGDTUW and 4th year ECE student of IGDTUW), Ms. Disha Sharma (4th year ECE student of IGDTUW)
- Intern Prep Talk on How to Ace Placement Interviews - The webinar was conducted on 1st August 2020 which aimed at guiding students to ace placement interviews. Speaker was Ms. Ishani Pandey (IGDTUW Alumni of Batch 2020)
- Webinar on Career Enhancement through Project based Learning organized in collaboration with 7 other student branches (IEEE HMRITM, IEEE WIE MAIT, IEEE BKBIET, IEEE ADGITM, IEEE MRU, IEEE BPIT and IEEE GTBIT) on 8th August, 2020. The aim of the webinar was to provide an insight into how one's career can be enhanced by following a project based and practical knowledge-based learning. Speakers were Ms. Mehak Azeem (Undergraduate Researcher, R10 SAC Committee member and IEEE Brand Ambassador) and Mr. Ramneek Kalra (Project Engineer at Wipro, IEEE Impact Creator and IEEE Brand Ambassador)
- Webinar on CAT Preparation Guide was organized on 24th August, 2020. The webinar covered talk on resume building, job interview preparation and CAT preparation by Ms. Pooja Goel (PGP student at IIM Kohzikode (2020-2021), Ex Associate Engineer at Eaton and IGDTUW alumni of Batch 2018)
- Webinar on Demystifying the Cyber Power Career was organized in association with ANOACADEMY on 28th August, 2020. It covered interaction with real world hackers, a live hacking demo, information about explosive career opportunities in cyber security and the essentials of NETIQUETTES. Speaker of the event was Dr. Ramesh Singh (He is an alumnus of IIT Delhi and Kharagpur. He had been working as a scientist at DRDO. Currently, he is a visiting faculty at IIT Delhi and DTU)
- A webinar on "Learn with Innerve: Upskilling ECE + Placement" was conducted in association with Learn with Innerve on ECE - Career and Industry on 12th September, 2020. The event covered topics such as Skills required for core placements, How to upgrade your skills, On campus and off campus training opportunities, How IEEE shapes you as a professional.

- The Speaker was Ms. Aditi Chhabra (Vice Chairperson, YP Affinity Group, IEEE Delhi Section, Incoming Graduate Engineer Trainee, Mahindra & Mahindra Ltd. And IGDTUW Alumni of Batch 2020)
- Membership Drive and Orientation drive was conducted for freshers in order to acquaint them with IEEE and the opportunities it provides on 14th September, 2020

American Society of Mechanical Engineers (ASME)

The American Society of Mechanical Engineers (ASME) chapter was established under the guidance of Mr. Vivek Chawla, Assistant Professor, Department of MAE. ASME IGDTUW in its attempt, to pursue desired objectives, which include popularization of the organization and facilitating applicative technical thinking, has organized various events such as industrial visits, specialized seminar on Rapid Prototyping and other expert lectures to name a few for the benefit of the students.



With the international outreach of ASME, University students can be benefitted by applying their theoretical and practical knowledge for research and innovation. Recently, IGDTUW-ASME chapter was also recognized by the leadership of ASME for the outstanding student start-up section grant which also includes a cash prize of 500 USD.



**Industry expert lecture and discussion delivered by LPS-Bossard
organized by ASME chapter at IGDTUW**

ENACTUS



Enactus is an international non-profit organization that brings together students, academic practitioners and business leaders who are committed to using the power of entrepreneurial action to improve the quality of life and standard of living for the people in need. This society aims to take up one entrepreneurial venture at a time and use it to create self-sufficiency in the underprivileged strata of society with underprivileged individuals.

Khidmat-Enactus IGDTUW's first social initiative, aims at making women self-reliant by starting their own culinary business. This has resulted in annual revenue generation of nearly 1 Lakh rupees for each of the associated women in the past 12 months. Another entrepreneurial venture, Project REAP has also been taken up by Enactus IGDTUW to tackle the problem of endless plastic waste. Among the 60 national teams from India, Enactus IGDTUW team has won the Rookie League of Enactus India National Competition 2016. Enactus IGDTUW has also partnered with one of the leading NGO working for women empowerment- Sahyog and has recently won the prestigious KPMG Ethics Grant for 2017.



ROBOLUTION-The Robotics Team



Team Robolution is the robotics team of IGDTUW. The team comprises of students from various branches (CS, IT, ECE & MAE) including the 1st year students. The new members are trained/mentored by the previous members and encouraged to take part in various inter-college and national robotic Events/Competitions. Every year, team Robolution participates in an Asia-Pacific Robot Contest ABU-ROBOCON, which has a different theme each year.

Every year, the theme of ABU ROBOCON is declared in August; the design phase begins immediately after that as the bot is designed per the theme and specifications of bot. Students build the robots right from the scratch. The last few weeks are spent in practicing in the arena and rectifying the problems. Since the bot is prepared entirely by the students they learn about design, construction and programming using Arduino microcontroller, propellers, pneumatics actuators, omnidirectional wheels, Open-CV, Kinect, MATLAB etc. apart from the cutting, drilling, riveting, welding and wiring tasks.



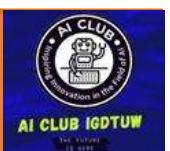
LEAN IN- Women Empowerment



LEAN IN at Indira Gandhi Delhi University for Women was established in 2014 and it was among the first five chapters of the world. The members organize weekly meetings to talk over the relevance of women empowerment and to discuss the impacts that were created single handedly by women leaders. Currently, it has 200 members and 15 functional circles with a LEAN IN at IGDTUW council which has conducted events like Orientation by Council Members, Curtain Raiser events and Corporate Training Sessions.



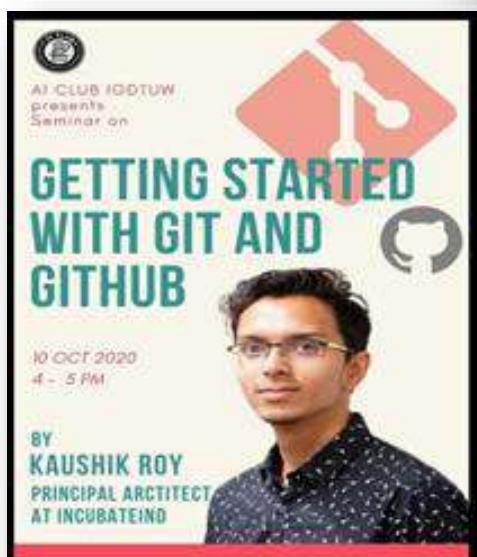
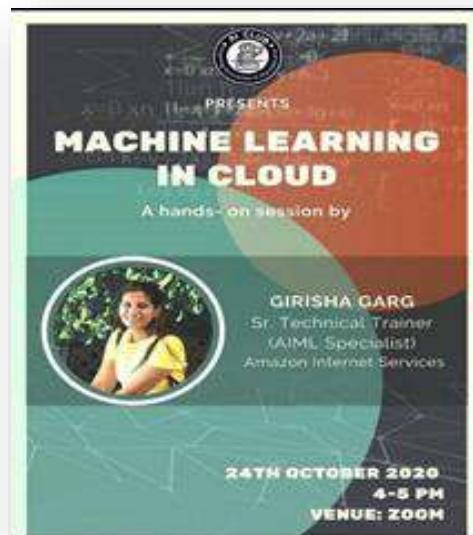
AI CLUB, IGDTUW



Department of IT has established an Artificial Intelligence (AI) Club to promote Artificial Intelligence and related technologies among students. Mandate of the club is to organize Workshops, Seminars, Capacity Building Programs, Training Programs, Hackathons, and Competitive Coding in the field of AI, Machine Learning, Deep Learning and other related areas. Students are also encouraged to develop AI based Applications.

Website: <https://aiclubigdtuw.herokuapp.com/>,

Facebook: aiclubigdtuw1, Instagram: aiclubigdtuw, LinkedIn: AI CLUB IGDTUW, Twitter: aiclubigdtuw



IGDTUW FEST

SPIC MACAY (2019 & 2020)

SPIC MACAY

The IGDTUW SPIC MACAY Chapter is an extension of the philosophy of the SPICMACAY's intention to enrich the quality of formal education by increasing awareness about different aspects of Indian heritage and inspire the young minds to imbibe the values embedded in it.

The society founded in 1977 by Dr Kiran Seth, Professor-Emeritus at IIT-Delhi seeks to conserve and promote an awareness of the rich and heterogeneous cultural tapestry of our beautiful motherland amongst the youth of our country through focus on classical arts, with their attendant legends and philosophy, and to facilitate an awareness of their deeper and subtler values.

SPIC MACAY 2019

In continuation of the same spirit, the SPIC MACAY chapter of IGDTUW organized an Odissi Dance Recital by Vidushi Kavita Dwibedi on 23rd September, 2019 at the University. The event turned out to be a great success as all in the audience were captivated with the enthralling performance of Kavita ji and her team. With her mohak mudras she explained the Navarasa namely Shringara (love/beauty), Hasya(laughter), Karuna (sorrow), Raudra (anger), Veera (heroism/courage), Bhayanaka (terror/fear), Bibhatsya (disgust), Adbutha (surprise/wonder), and Shantha (peace or tranquility) with mesmerizing grace and beauty.



The IGDTUW SPIC MACAY CHAPTER organised Orissa Dance Recital to promote the classical music and dance of India on 23rd Sept., 2019

SPIC MACAY

The SPIC MACAY chapter of IGDTUW organized a miraculous Hindustani Classical Vocal Music recital by one of the most renowned Vocalists of all times -Smt Sunanda Sharma, a disciple of the legendary Padma Shree awardee vocalist of Benaras Gharana Vidushi Dr. Girija Devi, on 3rd Nov., 2020.

She was accompanied by Shri Krishan Kumar on Tabla and Shri Bulle Shah on Harmonium on the stage. Sunanda Ji commenced the mesmerizing event with her first music piece, which was an offering to her Gurus and the Almighty. She then spoke about various repertoires like Thumri, Thappa, Chaitis, and Dadra following which, she graced the event with beautiful compositions like ' Jaajaa Re ApneMandirwa', ' Teri AnkhiyaRaseeli' and some folk songs of Punjab, Haryana, and Himachal Pradesh. But this not the only enthralling part of the evening, what added to the charm of her voice was her insightful notions on the importance of "desire to learn" and "consistent practice" as the mantra to master any art form. The event was brought to a closure with a vote of thanks expressing her gratitude to every person who made it a resounding success.



IGDTUW SPIC MACAY Chapter organised Hindustani classical vocal music recital by Smt. Sunanda Sharma on 3rd November, 2020.

INNERVE 2019

Annual Technical Fest-INNerve (2019 & 2020)

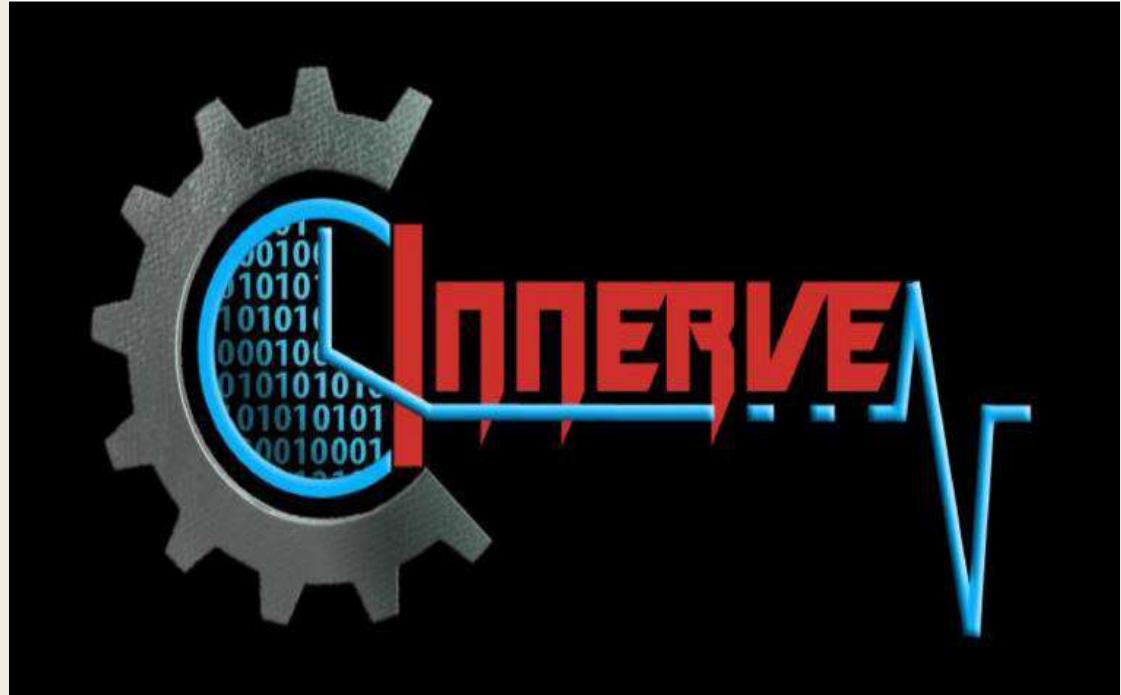
The annual technical fest of IGDTUW, "Innreve", was organized on 11th – 12th October 2019. The fifth edition of Innreve was kicked off via an inaugural ceremony which was graced by the presence of the Vice-Chairman of AICTE on 10th October.

In the year 2019, INNERVE witnessed a tremendous amount of footfall and an overall reach of over 1 lakh from premiere colleges all over India. The participants engaged in over 30 competitions, workshops, hackathons, and other fun technical events spanned over several months. The tech fest also launched a social campaign termed "She Shakti", which was a series of self - defense workshops conducted in various schools to empower young girls. Innreve also demonstrated technical creativity with the conception of a helpful chatbot, "Scooby" which aided participants throughout the two-day extravaganza.

This tech fest, led by an enthusiastic force of over 300 passionate girls, is an inspiring technical platform to compete, network and learn.



INNERVE - 2019



INNERVE 2020, marked this year with a remarkable change from its conventional on-campus fest to make it completely an online version amidst the ongoing contagion COVID-19 proving that “Limitations live only in our minds. But if we use our imaginations, our possibilities become limitless”. The sixth edition of INNERVE-2020 was kicked off on 6th November 2020 via an inaugural ceremony which was graced by the presence of our honorable Vice-Chancellor madam Dr. (Mrs.) Amita Dev. The guest of Honour was Dr. Manoj Kumar Patairiya , Adviser/ Scientist 'G' Science & Engineering Research Council (SERC), Dept. of Science and Technology (DST), Govt. of India.

Innerve'20 was celebrated to spread the word about technologies that never saw the light of the day and ideas that never came to fruition. It also incorporated new and innovative ideas indicating how technology keeps changing. Under this theme, IGDTUW focused on encouraging women in STEM to innovate and think out of the box.

Activities hosted under INNERVE 2020

- Graphic Designing Competition took place to spread awareness and inculcate a creative curiosity in students of colleges. The theme for the competition was "**Warriors of COVID-19**" to appreciate the frontline workers who worked hard during this pandemic to keep the society safe. The competition saw the participation of 100+ students who dazzled us by their creativity.
- The Slogan Writing Competition took place to make students of schools and colleges aware of the ongoing situation in the country while giving them a platform to showcase their creativity. The theme was "**Spreading awareness on COVID-19**". The competition received captivating slogans from more than a hundred students.

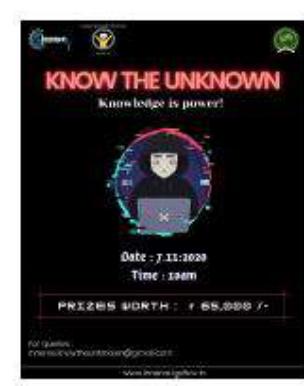
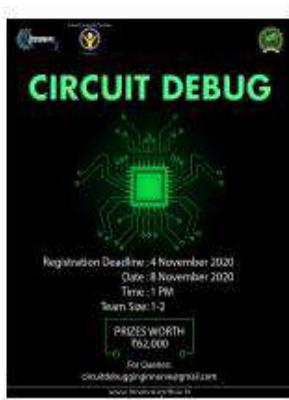
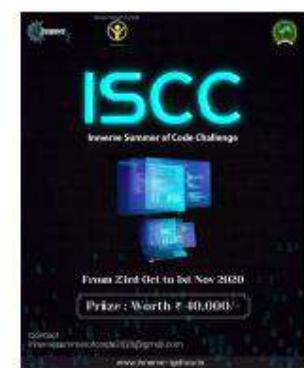
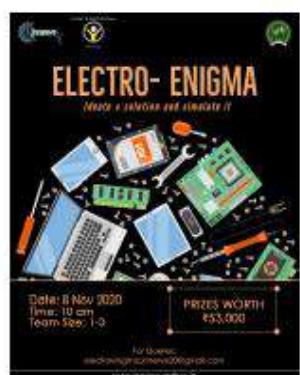
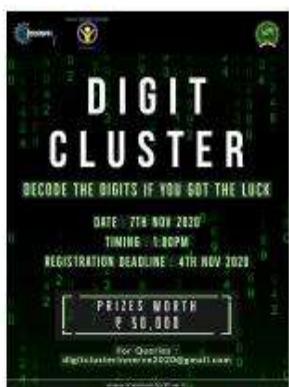
INNERVE - 2019

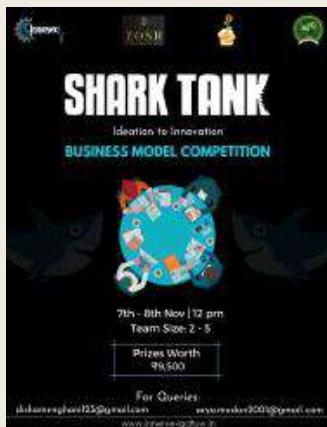
- For Innerve 2020, the social campaign **Cyber Seek Cure** emphasized on the importance of following the netiquette and ensuring the online safety of one and all. The event addressed the various cyber-crime incidents experienced by students and providing them direct consultation by a cyber-crime expert in a live session.



- Covid-19 awareness: - Innerve hosted a panel discussion on COVID-19 Etiquettes with esteemed Dr. Rajesh Kalra, Dr. Deepa Kalra, Dr. Rajeev Dhingra, and Dr. Abhiman Raghav on 11th October 2020. The aim was to dispel rumors regarding the precautions and treatment for COVID-19. This YouTube Live event was joined by hundreds of students and their parents. Poster making competition was organized for the students of 6th-12th standard with the theme on "Life after COVID-19". The competition saw the participation of 200 students with exciting prize money awarded to winner and certificates of participation to all. INNERVE held Website Development and APP development Competition to inculcate a creative as well as a technical curiosity in college students.
- The theme for the websites was "**Helping the warriors of COVID-19**". The first prize was awarded to a website that provided a common platform to COVID fighters, NGOs and social organizations to collaborate and address the challenges encountered. The competition tested the skills of budding App developers while encouraging them to innovate and tackle the problems of COVID-19







EVENT held in INNERVE-2020



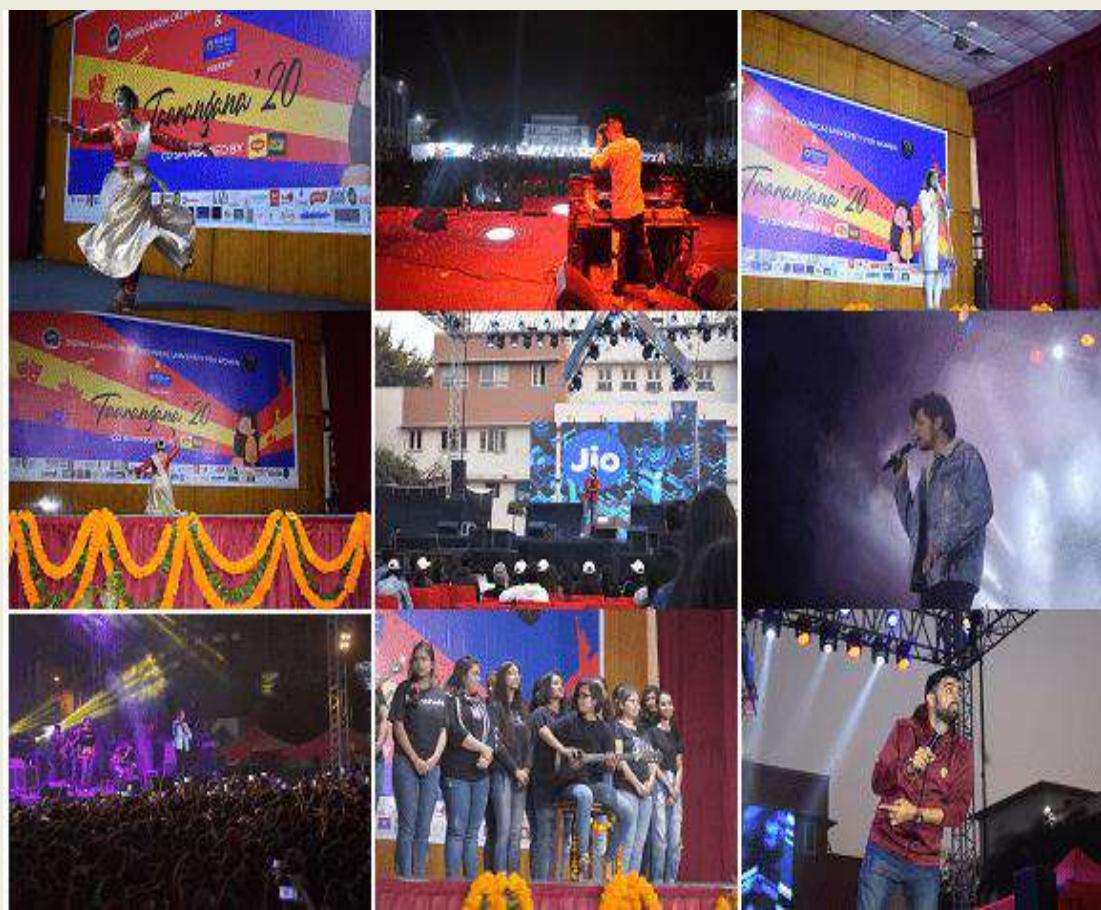
TAARANGANA'20

Annual Cultural Fest-TAARANGANA 2020

Taarangana, the Annual Cultural Festival of Indira Gandhi Delhi Technical University for Women, was declared open by Hon'ble Vice Chancellor of IGDTUW Dr. Amita Dev in the evening of 30th January, 2020 in the presence of Registrar, Deans, faculty, staff members and students. **The theme for Taarangana'2020 was "Minerva: A Talent Tapestry".**

The objective of the fest was to provide a platform to all students to showcase their talents in various cultural art forms. The two days of excitement beginning from the inaugural on 30th evening continued on 31st January and 1st February, 2020. Taarangana saw a tremendous footfall, incredible participation, and an exciting response from students all across Delhi NCR. Among the plethora of successful events were Antra, Anhad, Aaghaz, Knights of the Fall, Lilac Dreams, Campus Princess, Mr. and Ms. Taarangana , Rangmarch , Pop Art, Synnove, Moodle Doodle, Urban Thump, Pitch perfect and many more events which attracted more than 20 thousand students in the span of two days.

The highlight of Taarangana'20 was the pro night which saw the singing sensation, **Darshan Raval** and **DJ Moctave** mesmerise the audience with their stupendous performances on the first day. The second and last day of the fest came to a refreshing finale with the super-entertaining performances of popular stand up comedians, Sahil Shah and Rahul Dua, followed by an energetic and enigmatic Vanmoon by VH1 SuperSonic.



IGNITE - 2020

Annual Sports Meet - IGNITE 2020

The Annual Sports of IGDTUW was held at Jawaharlal Nehru Stadium on 16-17 February 2020. SAI affiliated referees were invited to conduct and evaluate the sports event. Students from various universities and colleges like Delhi Technical University, IIT Delhi, Lady Irwin College, Lady Hardinge Medical College, Jamia Hamdard, NSUT, Gargi College, Shivaji College, Janaki Devi Memorial College, MSIT, Jesus & Mary, DDU, SGT, IGIPESS, DDU participated in the Annual Sports Meet. About 150 students from various universities participated in team's events like BasketBall, Volleyball, Badminton and 56 students in individual sports like 100m race, etc.



Seminars/Workshops/Conferences/Summer-Winter Internships/Industrial visits

- During this unprecedented COVID 19 time, IGDTUW organized various Webinars, Faculty Development programs, workshops and Seminars. Some of which are under mentioned:

WORKSHOPS

- Department of CSE, organized two-day workshop on "Data Science- Research Issues and Applications" from 10th - 11th January, 2020



- The Department of CSE is organizing an FDP on "Machine Learning Applications in Image Processing" of CSE from 23rd-27th November 2020.
- Department of CSE, IGDTUW organized Training & Demo program on "**SMT Pick & Place Machine**" on in DIC lab, Electrical block, IGDTUW, dated 14th -15th February 2020



- Department of CSE, IGDTUW organized Training & Demo program on “**PCB prototyping & stencil printing Machine**” in DIC lab, Electrical block, IGDTUW.

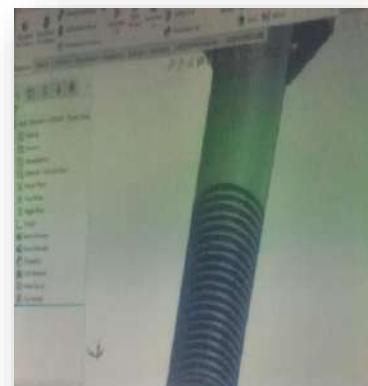


- Department of CSE, IGDTUW organized a webinar on “IoT and its practical applications 2020” in association with DIC-MHRD along with other collaborators from 24-25th July 2020

CSE Dept. organized two day National webinar on “IoT & its practical applications” on 24th and 25th July 2020.



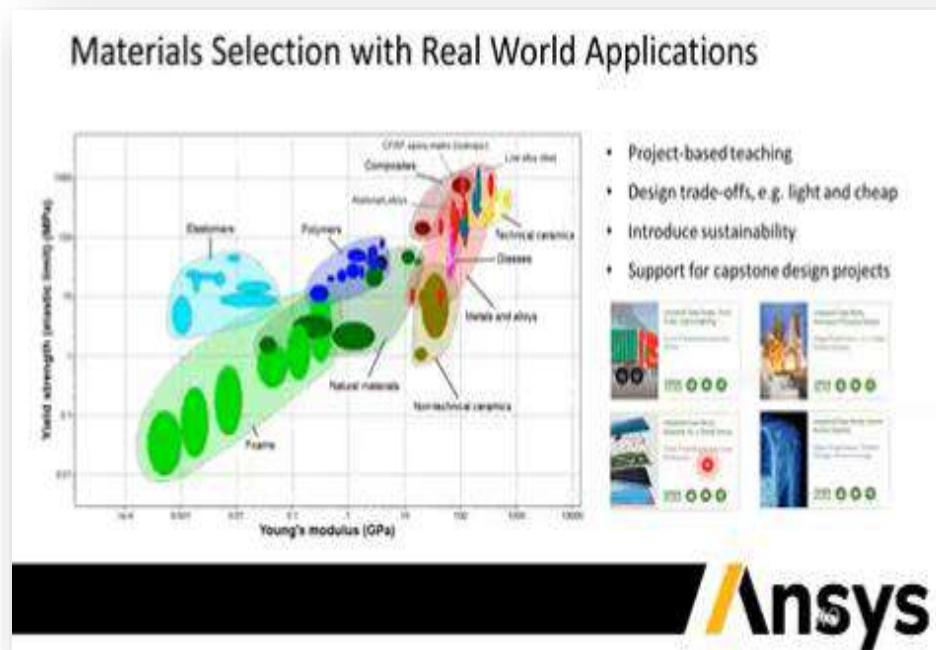
- Dept. of MAE, IGDTUW organized a workshop on Solid Works (Mechanical Modeling and design software) in collaboration with M/s Ducat Technologies, on 22nd August 2019 from 2-4 PM in the department of MAE. The team demonstrated new productivity tools in Solid Works software.



- The Department of MAE organized a 2-days' workshop on Humanoid Robots on 6th & 7th September 2019, in collaboration with M/s Finland Labs. The workshop started with an introduction to Arduino Programming. Control of servo motors was further software development to control a model of a two legged robot (biped walking robot) having six degrees of freedom with a hip, knee & foot to mimic the walking action of humans. The workshop was appreciated by most of the students. It was recommended by students that such short term training programs should be regularly conducted in the Department.

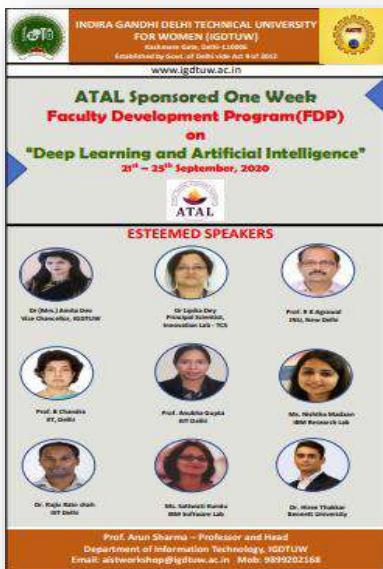


- Department of MAE, IGDTUW organized a workshop on Solid Works and Ansys with support from CAD Centre for 1st year, 2nd year B tech MAE students, on 22nd January 2020.

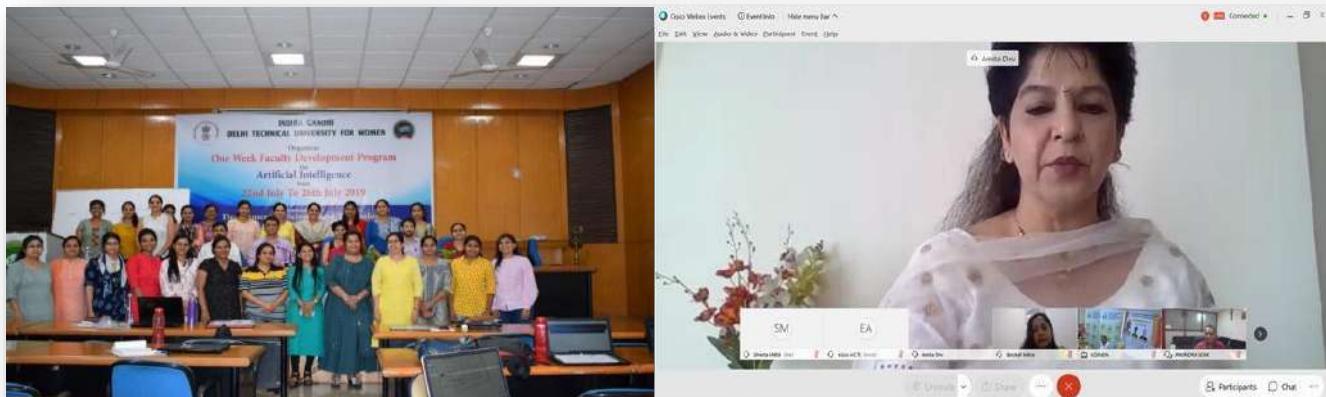


- The Department of IT organized One Week Faculty Development Program on Artificial Intelligence from 22nd to 26th July, 2019.

Seminars/Workshops/Conferences/Summer-Winter Internships/Industrial visits



- Department of IT organized a one-week Specialized Training Programme on “Cyber Security and Digital Crime Investigation” for Delhi Police Inspectors from 23rd to 28th December, 2019.
- Dept. of IT, IGDTUW organized one-week FDP sponsored by ATAL, AICTE on “Deep Learning and Artificial Intelligence” from 21st to 25th Sept. 2020
- Dept. of IT, IGDTUW organized One Week FDP on Artificial Intelligence and Speech Technology (AIST) in technical collaboration with IBM from 17th to 21st August, 2020.



Seminars/Workshops/Conferences/Summer-Winter Internships/Industrial visits

The banner for the Faculty Development Program (FDP) cum Workshop on Artificial Intelligence and Speech Technology, organized by the Department of Information Technology, IGDTUW in collaboration with IBM. The event took place from 17-21st August, 2020. It features the logos of IGDTUW, IBM, and IEEE. The banner includes portraits of esteemed speakers and details about the program's aim to foster scientific exchange among experts, faculty, and researchers.

INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN (IGDTUW)
Established under Act No. 10 of 2002
www.igdtuw.ac.in

Department of Information Technology, IGDTUW in Technical Collaboration with IBM Welcomes Participants and Experts for Faculty Development Program(FDP) cum Workshop on "Artificial Intelligence and Speech Technology" 17-21st August, 2020

ESTEEMED SPEAKERS

Dr. S. Sankar Nair, IITB, Mumbai
Dr. Debbie Schreiber, Delft Univ. of Tech., Netherlands
Dr. [Mrs.] Amita Dev, Vice Chancellor, IGDTUW
Prof. S. S. Agarwal, Electronics Scientist-CSE
Dr. P. R. Das, IIT-Guwahati
Dr. Somendra Kumar, IIT-Guwahati
Dr. Ravinder Singh, Sr. Director, CDA, Noida
Dr. Murali Madhavarao, IBM Research Lab
Dr. Deepak Garg, Bennett University

This program aims to foster scientific exchange of ideas among the Experts, Professionals, Faculty members and Researchers to boost research temperaments and to learn about the advancements in AI driven solutions on Speech Technology. The program will focus on delivery of knowledge based on Human computer interaction, aspects of speech processing in different domains, research and development made in speech recognition and voice generation activities with an excellent hands-on exposure on various Speech tools.

For more info., please contact Dr. Agam Sharma (Coordinator)
Email: astworkshop@igdtuw.ac.in Mobl: 9899202168
Note: Participation certificate will be provided to all the participants.

- Department of ECE, IGDTUW organized FDP cum Exhibition for M. Tech. students of VLSI Design on 22nd July 2019 and B. Tech students on 23rd May 2019 in collaboration with IEEE student branch and Anveshan Foundation
- Department of ECE, IGDTUW organized a workshop on WI-Empower: Data-Science and Image processing from 26th-27th March 2019 in association with IEEE student Branch
- The Department of ECE, IGDTUW and VLSI Lab organized a one week short term course cum workshop on “Hands-on session on various Electronic Design Automation tools” from 18th-22nd February 2019.
- IEEE Student branch, IEEE organized a workshop on “IEEE Xplore digital library usage” on 19th August 2019.
- The student branch of IEEE IGDTUW along with IEEE-Electron Device Society and IEEE Delhi Chapter jointly hosted the Mini Colloquium on “**Trends and Challenges in Microelectronics and VLSI Design**” on 6th September’19 at the Seminar Hall, IGDTUW. The goal of the colloquium was to expose the students about the challenges and the scope of work in the field and give them insights beyond their existing academic knowledge. The event recorded around 300+ registrations from all across colleges in Delhi NCR. The demographics was diverse with both post-graduates and graduates from wide-ranging courses being the active audience of the day.

Seminars/Workshops/Conferences/Summer-Winter Internships/Industrial visits



- The Department of ECE and VLSI lab organized a distinguished Lecture on “Modelling and Simulation of Tunnel Field Effect Transistor” on 20th August 2019.
- The Department of ECE and VLSI lab organized a workshop on “Cadence Virtuoso Software” on 20th August 2019.
- The technical Society-Enactus, IGDTUW organized a workshop on “Know your Right” in collaboration with ITC Vivek on 5th August 2019.
- Department of ECE, IGDTUW organized an expert lecture on “Unicode and Multilingual Computing” on 1st October 2019. Dr. Swaran Lata, retired Senior director of TDIL, Department of IT, was invited as an expert speaker for the event.



Seminars/Workshops/Conferences/Summer-Winter Internships/Industrial visits

- Department of ECE and IEEE Student branch, IGDTUW organized a workshop on “Machine Learning in collaboration with coding Ninjas” on 4th October 2019.



- Department of ECE, IGDTUW organized a one-week ICT based short term programme on “Design challenges in low power VLSI design” in collaboration with NITTTR Chandigarh from 16th-20th December 2019.

- The Department of ECE organized a one-week DST SERB sponsored FDP on “Deep Learning algorithms for Medical Image Processing” from 20th-24th January 2020. DST SERB sponsored STC was organized to inculcate knowledge to participants in Medical Imaging and Deep Learning Technologies. Expert talks were delivered by invited speakers from eminent University such as IIT Delhi, IIT Roorkee, IIT Jodhpur, IIIT Delhi, NSUT, DTU, Bell, Altran, WKU China, IBM.



Seminars/Workshops/Conferences/Summer-Winter Internships/Industrial visits



- Department of Applied Sciences & Dept. of Management jointly organized a Google Meet on Master class on Self Compassion – the Transformative Power of Being Kind to yourself on 26th June, 2020 by Agrima Bhasin.

- Department of Architecture and Planning, IGDTUW organized an awareness programme via Webinar on Eco Niwas Samita in coordination with Price Waterhouse Cooper, dated 24th July 2020.
- Department of Architecture and Planning, IGDTUW organized Faculty Development Programme (FDP) on “Thoughtful Cooling” sponsored by DST, dated 16th - 20th September 2020
- Department of ASH organized “Master class on Self Compassion – the Transformative Power of Being Kind” on 26th June, 2020
- Department of Architecture and Planning, IGDTUW organized poster making competition on “Clean Delhi Green Delhi” in association with Delhi Municipal Corporations (South, North and East) under “Swachh Survekshan”, dated 16 January 2020.

Seminars/Workshops/Conferences/Summer-Winter Internships/Industrial visits

- Department of Architecture and Planning, IGDTUW organized an Exhibition of their work on “Emerging Phenomena & Design Strategies in Architecture” on 20th November 2020.
- The BHAV-the Literary and debating society of IGDTUW organized a debate competition on “its Debatable” on 11th October 2019

Poster Painting Competition
Department of Architecture and Planning along with Delhi Municipal Corporations (South, North and East) is taking the initiative under "Swachh Survekshan" promoting public awareness for a Clean and Green Delhi.
THEME : 'CLEAN DELHI, GREEN DELHI'
Location : Department of Architecture and Planning
Studio 1 (Room no 112), Studio 2 (Room no 111), Studio 3 (Room no 104)
& Studio 4 (W51)
Date and Time : Thursday 16.01.2020, 3-5 PM
First prize of Rs.2500/-, Second Prize of Rs. 1000/- and
Third prize of Rs. 500/-.

NATIONAL WORKSHOP ON THOUGHTFUL COOLING
16.09.2019 to 20.09.2019
"A Deep Dive Training of Trainers"
Workshop to integrate Building Energy Efficiency into Architecture Academic Curriculum
Last date of registration : 13.09.2019
Register at : <https://forms.gle/pZ423G3TixAeMkIA>
Registration fee : 3000 INR Only
For more information visit : www.igdtuw.ac.in
Contact Email : venkatesh@igdtuw.ac.in
hodarch@igdtuw.ac.in
Sponsored by Department of Science and Technology, Government of India
Organized by Department of Architecture and Planning
Indira Gandhi Delhi Technical University for Women (IGDTUW)
Published by Govt. of NCT of Delhi Yojna Bhawan
Address: G-10, Sector-10, Dwarka, New Delhi - 110075
Contact for more details : www.igdtuw.ac.in

Department of Architecture and Planning, Indira Gandhi Delhi Technical University for Women
IN COORDINATION WITH
PricewaterhouseCoopers (PwC)
PRESENTS
Awareness Webinar
on
ECO-NIWAS Samhita Code 2018
Energy Conservation - New Indian Way for Affordable & Sustainable homes.
Implementation and Capacity Building Program
Friday, 24th July 2020
03:00 PM
Click on link below to register for Free:
<https://www.eventbrite.com/e/awareness-webinar-on-ecoinwas-samhita-code-2018-tickets-120000000000?ref=eml>
With this program attendees will learn about the ENS code and be able to:
• Develop design skills in the area of Energy Efficient Design of Residential buildings
• Develop sound knowledge of Eco Niwas Samhita
• Develop intellectual, creative and professional development of students
• Develop cadre of energy consultants in Built environment
Panelists
Mr. Arvind Tuliya, Expert in Energy Efficient
Mr. Atul Sharma, Expert in Energy Efficient
Ar. Vinod Gupta, Head of Department, DAB, IGDTUW
Ar. Preeti Chauhan, Associate Professor, DAB, IGDTUW
Ar. Jyoti Patel, Associate Professor, DAB, IGDTUW
Organizer & Coordinator
Headed By : Department of Architecture & Planning, IGDTUW
PricewaterhouseCoopers

- Department of Architecture & Planning, IGDTUW Delhi, organized the four online lecture series-“Architects on Architecture”, in association with IGDTUW-Anveshan Foundation in October 2020. Ar. Tony Joseph, Ar. Vinod Gupta, Ar. Abha Narain Lambah and Ar. Suhasini Ayer were invited as the eminent speakers of the event.

DEPARTMENT OF ARCHITECTURE AND PLANNING
INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN (IGDTUW)
(IN ASSOCIATION WITH IGDTUW-ANVESHA FOUNDATION)

Proudly presents its
online series
on

"ARCHITECTS ON ARCHITECTURE"

Ar. TONY JOSEPH
DATE: 3rd OCTOBER 2020
TIME: 1600 HRS-1800 HRS

Ar. VINOD GUPTA
DATE: 10th OCTOBER 2020
TIME: 1600 HRS-1800 HRS

Ar. ABHA NARAIN LAMBAH
DATE: 17th OCTOBER 2020
TIME: 1600 HRS-1800 HRS

Ar. SUHASINI AYER
DATE: 30th OCTOBER 2020
TIME: 1500 HRS-1700 HRS

JOIN US TO WITNESS 'BEHIND THE SCENE' STRUGGLES OF THE INDIAN MASTER ARCHITECTS OF WORLD RENOWN AS THEY TALK ABOUT ONE OF THEIR OWN DESIGNED PROJECT IN GREAT DETAIL.
(THE MEETING LINKS WILL BE SHARED SEPARATELY)

SESSION MODERATOR & CHIEF COORDINATOR: Dr. PREETI VAJPEYI

STUDENT COORDINATOR
SUPREET KAUR
8587043423

SERIES COORDINATOR
Ar. KSHITIJ K. SINHA
9560283939

ADVISOR
Ar. VISHAL RAI
Prof. R.K. SINGH

EMAIL: kshitijkumarsinha@igdtuw.ac.in, hodarch@igdtuw.ac.in

PATRON
Dr. (Mrs.) AMITA DEV,
VC, IGDTUW

INTERNATIONAL CONFERENCES



- **First International Conference – AIST 2019 at IGDTUW**

First International Conference on Artificial Intelligence and Speech Technology (AIST) was organized by the department of Information Technology (IT) at IGDTUW on 14th -15th November 2019 with special Guest Prof Nakamura from Japan and Prof. Geza from Hungary. Prominent researchers and industry delegates were invited for their expert talks and for sharing latest and world class technology advancements made in the area of AI and speech technology. Students/ Research scholars/ Faculty and various industrial researchers participated in the conference and made it a huge success

- **First International Conference- ASMET-2020**

Department of Applied Sciences & Dept. of Management organized the first international conference on “**Advances in Smart Materials & Emerging Technologies**” at IGDTUW, Delhi on 23rd-24th January 2020. Amb. Tien Chung-Kwang, Representative of Taipei Economic and Cultural Centre in India, was the guest of Honour in the conference. Amb. Tien highlighted the importance of the development of technology to human beings in his speech, and looked forward to closer bilateral cooperation with India in different areas.

INTERNATIONAL CONFERENCES



Indira Gandhi Delhi Technical University for Women
Kashmere Gate, Delhi-110006
(CAN ISO 9001- 2015 CERTIFIED UNIVERSITY)

1st National Conference on
Innovations in Mechanical and Automation Engineering
(NCIMAE- 2020)

18th September, 2020

Motto: Women Education - Women Enlightenment - Women Empowerment

Organized by:
Department of Mechanical And Automation Engineering
In Association With IGDTUW – ARVESHAN FOUNDATION

Department of MAE

1st National Conference Speakers to Deliver at

IGDTUW NCIMAE Online conference 2020

Speaker Profile	Topic	Speaker Profile	Topic	Speaker Profile	Topic	Speaker Profile	Topic	Speaker Profile	Topic
Prof Dumitru Nedelcu from Romania	Topic- Liquid Wood and Other Biodegradable Materials.	DR.-ING. DANIEL HAHN from JMI, New Delhi.	Topic- Mechanism Challenges with Upcoming Technologies.	Prof R A Khan, Principal DITE, New Delhi.	Topic- Vehicular Pollution in Urban Areas and Its Control.	Prof S Maji, Principal DITE, New Delhi.	Topic- Friction Stir Additive Manufacturing.	Dr. Arshad Noor Siddique from JMI, New Delhi	Topic- Trends for Robotic Grasping in Industrial Automation.

18th September, 2020
10 AM Onwards

Motto: Women Education - Women Enlightenment - Women Empowerment

•First National Conference- NCIMAE 2020

The Department of Mechanical and Automation Engineering, IGDTUW organized its first National Conference “Innovations in Mechanical and Automation Engineering” on 18th September 2020. Hon’ble Atul Sotgi Director General of scope was the Chief Guest and plenary session was conducted by Guest of Honor Prof Dtmitru Nedelcu from Romania. Dr. ING. Danial Hahn, Germany; Prof. S. Maji DITE, Delhi and many prominent researchers and academicians delivered their expert talks on latest trends, works and challenges in upcoming technology of Mechanical Design, research and development and industrial exposure. Students/Research scholars/ Faculty and various industrial researchers participated in the conference and made it a huge success.

INTERNATIONAL CONFERENCES

AIST 2020

Technical Partner: **IBM**

Publication Partner: **Taylor & Francis Group**

2nd International Conference on Artificial Intelligence and Speech Technology (AIST – 2020)

Dates: 19th – 20th November, 2020
www.aist2020.com

Chief Guest (Inauguration Function)



Prof. V. Ramgopal Rao
Director, IIT Delhi

Key Note Speakers

			
Dr. S. Nakamura NAIST, Japan	Dr. Nemeth Geza Budapest Univ., Hungary	Dr. Amita Dev Vice Chancellor, IGDTUW	Dr. Win Pa Pa, UCSY, Myanmar.
			
Dr. Manish Bhude Chief Architect, IBM	Dr. Milan Stehlík, Johannes Kepler University, Austria	Dr. S. Umesh Indian Institute of Technology - Madras	Dr. S S Agrawal Emeritus Scientist, CSIR

General Chair
Dr. Amita Dev
Vice Chancellor,
IGDTUW

Technical Program Chair
Dr. S S Agrawal
Emeritus Scientist,
CSIR

Conference Secretary
Prof. Arun Sharma
Professor and Head,
Department of IT, IGDTUW

For further details please visit the website of the conference: www.aist2020.com or write at aist2020@igdtuw.ac.in.

Interested researchers/academicians/industry professionals may register themselves for attending the Conference (There is no fee for attending the Conference) at: <https://forms.gle/aDZUj2ZYnKufdddnB9>

Participation certificate will be awarded to all.

Organised by:
Department of Information Technology

•Second International Conference- AIST 2020

Amidst the lockdown and breakthrough of COVID-19, Department of Information Technology, IGDTUW hosted and organized the second season of the **International Conference on "Artificial Intelligence and Speech Technology" AIST-2020** virtually in technical collaboration with IBM from 19-20 November 2020. The conference was inaugurated by the chief guest Prof. V. Ramgopal Rao, Director, IIT Delhi. Dr. S. Nakamura, NAIST, JAPAN., Dr. Win Pa Pa, UCSY, Myanmar, Dr. Nemeth Geza, Budapest University, Hungary, Dr. Milan Stehlík, Johannes Kepler University, Austria and many national prominent researchers and industry delegates from India graced the conference with their expert talks and shared latest and world class technology advancements made in the area of AI and speech technology. The conference commenced with six technical sessions with around 50 papers selected from more than 100 papers submitted by the researchers across the world. Students/Research scholars/ Faculty and various industrial researchers participated in the conference and made it a huge success.

SUMMER INTERNSHIPS

- Department of CSE, IGDTUW organized 10th Summer Training Program On “Integrated approach using IoT, Cloud Computing , Mobile Application Development & AI in collaboration with MHRD DIC-IITD; Microsoft University Relations from 10th-19th June 2019.



- Summer Internship cum workshop on Data Science and Machine Learning was organized by the department of Information Technology from 15th June to 31st July, 2020 in association with ACM Student Chapter. More than 50 Students from various departments participated in this.

- Summer school Program on “**Design Thinking**” was organized by the department of Information Technology in association with CISCO thingQbator from 15th June to 31st July, 2020. The program was initiated under three different tracks i.e. Learning Track, Project Track and Entrepreneurial Track and was attended by more than 70 students.

- IGDTUW organized a summer Internship on “**Building Intelligent Applications**” in collaboration with IBM 15th June to 31st July, 2020.

- The University organized Summer Internship on “**Data Science and Machine Learning**” under ACM Students Chapter from 15th June to 31st July, 2020.

INDUSTRIAL VISITS

An Industrial visit to Kadence Robotics Faridabad was organized for the students of MAE Department in January 2020.



2ND CONVOCATION 2019

Indira Gandhi Delhi Technical University for Women, Delhi celebrated its second convocation ceremony on 27th November, 2019. The ceremony was chaired by Sh. Anil Baijal, Lt. Governor, Delhi and Chancellor, IGDTUW. Sh. Manish Sisodia, Dy. Chief Minister, GNCTD was the Guest of Honour and Prof. K.K. Aggarwal, Chairman, NBA was the Chief Guest. The ceremony was graced with the presence of Dr. Amita Dev, Vice Chancellor, IGDTUW, Dr. G. Narendra Kumar, Pr. Secretary, DTTE, GNCTD, Sh. Sandeep Kumar, Secretary (Higher Education), GNCTD and Prof. R.K. Kale, Chairman, Board of Management. Also in attendance were other dignitaries from the academic world, industries and the Govt. of NCT of Delhi. The Convocation began with a majestic and grand academic procession. Dr. Amita Dev, Vice Chancellor, IGDTUW presented a detailed report about the progress and the achievements of the University. She emphasized that **"Empowering women is a prerequisite for creating a good nation, when women are empowered, society with stability is assured. Empowerment of women is essential as their value system leads to the development of a good family, society and ultimately a good nation"**. Total 408 students graduated including 257 undergraduates, 147 post graduates, and 4 Ph.D. Fourteen (14) students were awarded various medals including Two (02) Chancellor Medal, Ten (10) Vice-Chancellor Medal and 02 Exemplary Performance Silver Plaque on this glorious occasion for their outstanding academic achievement.



IGDTUW - 1st ALUMNI MEET

Indira Gandhi Delhi Technical University for Women organized its 1st Alumni meet and Industry-Institute Network Meet on 27th November, 2019 from 6-8 pm in the Heritage Campus of Kashmere Gate, Delhi-06. The event witnessed an overwhelming response, with alumni graduates attending the Alma Mater. **Ms. Durga Shakti Nagpal, IAS (IGDTUW Alumni)** was felicitated with the **Distinguished Alumni Award** by Dr. Amita Dev, Vice-Chancellor, IGDTUW. A Memorandum of Understanding was signed between IGDTUW and IBM India Pvt. Ltd. for academic growth and technological advancement. Dr Amita Dev, Vice-Chancellor, IGDTUW informed all that this year Microsoft IDC has offered the highest package of 43.3 lakhs CTC and has selected 8 full time employees and 15 interns. Till date 454 offers (full time and internship) have been bagged during the ongoing campus placement. She also thanked the Industry Professionals for showing keen interest in the students of IGDTUW. There was a vibrant cultural program by the university students and empowering keynotes by learned people. **1st Alumni and Industry Networking Meet on 27/11/2019 at IGDTUW**



DIGITAL INITIATIVES OF THE UNIVERSITY DURING COVID-19

- IGDTUW jointly with IBM organized Summer Internship on Building Intelligent Applications from 15th June to 31st July, 2020.
- IGDTUW (under ACM Students Chapter) organized Summer Internship on Data Science and Machine Learning from 15th June to 31st July, 2020.
- IGDTUW (under CISCO thingQbator) organized Summer School on Design Thinking from 15th June to 31st July, 2020.
- IGDTUW organized a one Week Workshop on **Artificial Intelligence and Speech Technology (AIST)** from 17-21st August, 2020.
- IGDTUW organized ATAL AICTE sponsored one-week Faculty Development Programme (FDP) on **“Deep Learning and Artificial Intelligence”** from 21st-25th September 2020 with 200+ participants attending the FDP from across the Nation.
- Capacity Building Program on Artificial Intelligence from 22-26 July, 2019.

IOT & ITS PRACTICAL APPLICATIONS
ORGANIZED BY
CSE DEPARTMENT
IGDTUW, DELHI

JOIN US: 24th & 25th July 2020

OVERVIEW
Seminar on "IoT and its Practical Applications 2020" is being organized by CSE Department IGDTUW Delhi in association with DIC-MHRD along with other collaborators. This seminar aims to collaborate, share and disseminate the knowledge gained in the area of IoT & its Practical Applications. This National Seminar will act as an efficient platform for learning and interacting with eminent speakers from research organizations, industry and academia. Research scholars (IGDTUW students) will present their work related to IoT and its applications such as Health care, environment, Aquaculture, smart home, Assistive Technologies, Industry 4.0 etc. This seminar can help students to get insights about IoT and its practical application in various domains, research avenues & its challenges.

For More Details
Visit: www.cse.igdtuw.com or www.igdtuw.ac.in
OR
contact: rc.igdtuw2020@gmail.com

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VIRTUAL Admissions Fair

SHIFTING TRENDS IN CAREER CHOICES IN THE NEW COVID WORLD

Panelists :

1. DR. (MRS.) AMITA DEV, VICE CHANCELLOR, IGDTUW
2. DR. KAMLESH MISHRA, VICE CHANCELLOR, RISHIHOOD UNIVERSITY
3. MR. VIJAY K THADANI, VICE CHAIRMAN & MD, NIIT LIMITED & CO-FOUNDER, NIIT UNIVERSITY

Moderator: Prof. Paddy, Chief Knowledge Officer QS IGAUGE

**Department of Architecture and Planning,
Indira Gandhi Delhi Technical University for Women
IN COORDINATION WITH
PricewaterhouseCoopers (PwC)**

Presents

**Awareness Webinar
on
ECO-NIWAS Samhita Code 2018**

**Energy Conservation - New Indian Way for Affordable & Sustainable homes
Implementation and Capacity Building Program**

**Friday, 24th July 2020
03:00 PM**

Click on link below to register for free
pwc-emrscwebinar.com/pwce-mrscwebinar.aspx?ID=6&CategoryID=6&CategoryName=ECO-NIWAS%20Samhita%20Code%202018

With this program attendees will learn about ENS code and be able to:

- Develop designs in the areas of low cost, efficient design of residential buildings
- Develop required knowledge of Eco-Niwas Samhita
- Develop intellectual, creative and professional development of students
- Develop cadre of energy consultants in Built environment

Panelists

Mr. Atul Bajpai, Energy Efficiency
Mr. Atul Verma, Deptt. of PwC
Dr. Meenakshi, Associate Professor, E&REM
Dr. Preeti Chaturvedi, Associate Professor, E&REM
Dr. Jayashree, Associate Professor, E&REM
Dr. Sunita, Associate Professor, E&REM

Hosted By Department of Architecture & Planning, IGDTUW, PwC

**Indira Gandhi Delhi Technical University
Department of Computer Science & Engineering**

WEBINAR ON

Internet of Things and Its Practical Applications

Dr. Amita Dev
Vice Chancellor, IGDTUW, New Delhi

Topic: IoT FutureTech Technology & Its Applications

**24th July 2020
9:15 am to 9:30 am**

E-Certificates will be provided
Registration Link: <https://forms.gle/2uMdNej5dRPTMjs>

Faculty Coordinator:
Prof. SRN Reddy
CSE Department, IGDTUW, Delhi
Email : srnreddy@igdtuw.ac.in
Website : cse.igdtuw.ac.in

DIGITAL INITIATIVES OF THE UNIVERSITY DURING COVID-19

**CHITKARA
UNIVERSITY**

**Two-day Workshop
on**

**GRANT WRITING PROCESS
FOR INNOVATIVE AND
ENTREPRENEURIAL IDEAS**

Organized by:
CHITKARA UNIVERSITY
in collaboration with
**Indira Gandhi
Delhi Technical University
for Women, New Delhi. (IGDTUW)**

**Best Innovative and Entrepreneurial
Idea Award!!!**

30th July to 31st July 2020
10:30 a.m. to 12:30 p.m. (Thursday & Friday)

Registration link: <https://forms.gle/pRkD4tQqQdC6r4>
Early Query Points Contact : chitkara.lead@grads@.com | 09866-23633

WORKSHOP MODULES

Day 1 | Dr. VASIMA SINGH | (09:30 a.m. to 12:00 p.m.)

1. Introduction to innovation and idea-based projects.
2. How to look at ideas from an individual and market perspective.
3. Different types of grants available and how to approach them.
4. Identifying differences in writing grants.
5. What is "THE SMART" point. How to begin the process of the market array ideas.
6. Job and Society: Plans and Tools for innovation grant writing process.
7. Who is the jury and how can you convince them?
8. The right life questions the jury wants to ask.
9. What you want to achieve in the presentation "Your Pitch Deck".
10. The ultimate presentation "Do take or Not to Take", that is the question.
11. The business idea template.

Day 2 | Mr. CHIRAK AGARWAL | (09:30 a.m. to 12:30 p.m.)

Special Lecture on "Intellectual Property Rights (IP) and Patent."

Day 2 | Dr. VASIMA SINGH | (09:30 a.m. to 12:30 p.m.)

Handover / Demonstration on: "How to prepare business plan template for market, relay idea".

ORGANIZER CO-ORGANIZER CO-ORGANIZER

Ananya Chakrabarti
Research Associate
Chennai Institute
of Technology
Dr. Vasima Singh
Dr. Chirak Agarwal
Dr. Gurpreet Kaur
Associate Prof.,
Department of
Management Studies,
Chennai Institute
of Technology

Participants will be evaluated for their project design having the well-explained innovative ideas, entrepreneurial potential, and creative communication skills in their presentation on August 2020.

Participants will be invited to share their ideas and concepts for the next batch and training program. Details regarding joining link will be shared with registered participants later by 28th July 2020.

INNERVE '20
presents
LearnWithInnerve

**GitHub
HANDS-ON SESSION**

Date: Aug 8, 2020
Time: 6 pm - 8 pm
Link: Check Description
Entry: first come, first serve basis

PULKIT AGGARWAL
GSOC'20 @ Oppia, Mentor and developer at Coding Blocks, Google Code-In Mentor

WE ARE ON

**OSA
100**

IGDTUW OSA STUDENT CHAPTER

**Basics of Quantum Computing
and
Quantum error mitigation**

By-
Macauley Coggins
Founder of Quantum Computing, UK

6:00 to 7:00 pm
4 July, 2020

**LIVE
WEBINAR**

**INDIRA GANDHI DELHI TECHNICAL UNIVERSITY
FOR WOMEN (IGDTUW)**
Sector-V, Gurugram, Haryana-122006
Established by Govt. of Delhi vide Act 8 of 2012
www.igdtuw.ac.in

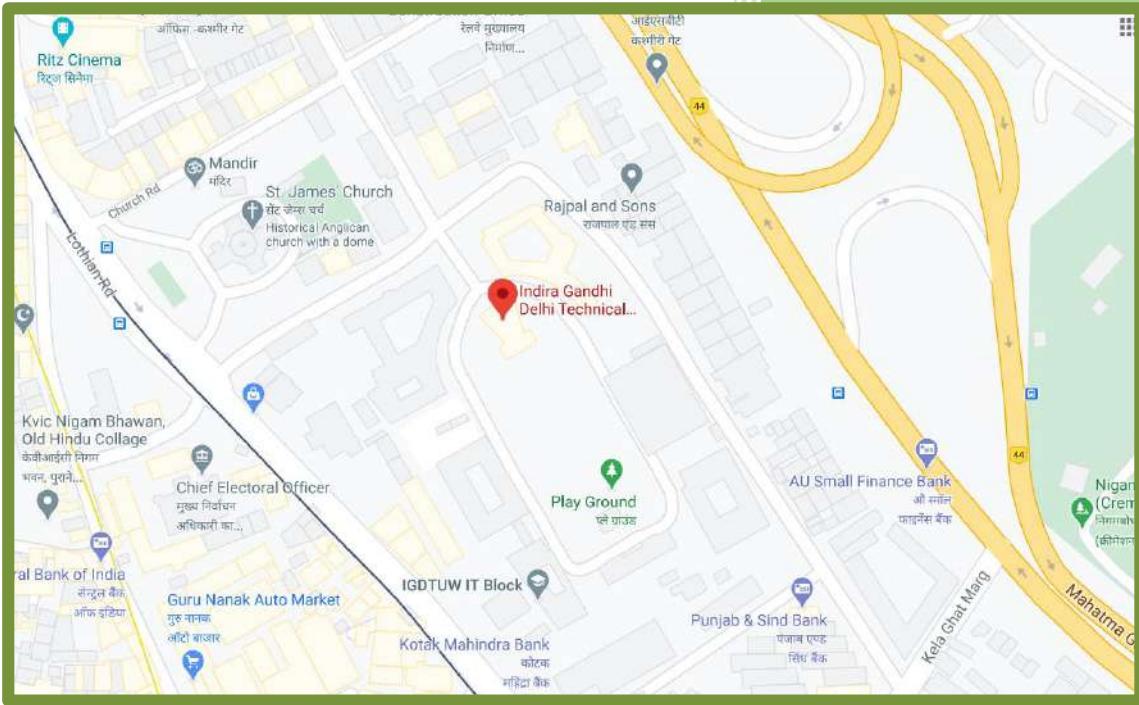
Department of Information Technology, IGDTUW
in Technical Collaboration with IBM
Organises
**Faculty Development Program(FDP) cum Workshop
on**
"Artificial Intelligence and Speech Technology"
17-21st August, 2020

ESTEEMED SPEAKERS

 Dr. S. Sridhar Head, Dept.	 Mr. Jay Arora Managing Director, PwC	 Dr. Prachi Anjali Dixit Vice-Chancellor, IGDTUW	 Prof. S. S. Agarwal Emeritus Scientist, CSIR
 Dr. P. K. Das IIT Madras	 Dr. Sandeep Vijay K TII Gurukul Kangri	 Dr. Kamalish Arora IIT Roorkee	 Dr. Minal Mehta IBM Research Lab

This program aims to foster scientific exchange of ideas among the Experts, Professionals, faculty members and researchers to boost research compartments and to learn about the advancements in AI driven solutions on Speech Technology. The program will focus on delivery of knowledge based on Human-computer interaction, aspects of speech processing in different domains, research and development made in speech recognition and voice generation activities with an excellent hands-on exposure on various Speech tools.

Register at: <https://forms.gle/ieknDEL2mT4xLUsq87>
Last date of Registration: 14th August, 2020



INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN

Madarsa Road, St. James Church,
Kashmere Gate, Delhi-110006

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