



# INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN

NAAC A+ Accredited University  
(Established by Govt. of Delhi vide act 9, of 2012)  
Kashmere Gate, Delhi - 110006

INDIRA GANDHI DELHI TECHNICAL UNIVERSITY  
FOR WOMEN (IGDTUW)



Ph.D.PROGRAMS  
**ADMISSION BROCHURE**  
**2024-2025 (WINTER SESSION)**

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## MESSAGE FROM THE VICE CHANCELLOR'S DESK

### "Empowering Women, Enriching the World: The Role of Education"



Greetings to all of you .

As we navigate the intersection of technological innovation and societal progress, Indira Gandhi Delhi Technical University for Women (IGDTUW) stands as a cornerstone in empowering women through exceptional technical education and cutting-edge research. Our mission is to cultivate an environment that inspires innovation, fosters inclusivity, and nurtures leadership, equipping women with the skills and knowledge needed to excel in today's rapidly evolving world.

Since its establishment in 2013, IGDTUW has earned its reputation as a premier institution for women's higher education in India. IGDTUW offers a comprehensive range of advanced courses, modern pedagogical approaches, state-of-the-art infrastructure, and enriching extracurricular opportunities. Our longstanding tradition of academic and research excellence has created a dynamic, collaborative environment that fosters creativity and growth.

Our faculty are dedicated to mentoring and guiding students throughout their academic journey, ensuring they receive a top-tier education and research training. At IGDTUW, students have access to a multitude of opportunities that prepare them to launch or advance their careers, explore new industries, and discover previously unconsidered career possibilities.

As a Ph.D student, you will have access to state-of-the-art facilities, comprehensive resources, and advanced platforms that empower you to undertake innovative research and grow as a scholar. IGDTUW has also recently established collaborations with several esteemed research organizations, enhancing opportunities for impactful research that aligns with contemporary needs.

I am confident that your association with IGDTUW will not only enrich your academic and professional journey but also empower you to make meaningful contributions to society. Your research here will play a crucial role in advancing knowledge and making a difference in the world.

Looking forward to welcoming you to IGDTUW and wishing you a pleasant, healthy, and fulfilling journey with us.

With Best Wishes,

**Prof. Ranjana Jha**  
Vice Chancellor

## Important Dates for Online Registration for Ph.D. Programmes for Academic Session 2024-25

1.	Commencement of online Registration	Dec 20, 2024
2.	Last Date and Time for Online Registration	Dec 31, 2024

**Registration-cum-Counseling Fee**  
**Rs.1,000/- + Transaction Charges (as applicable)**

## Total No of Seats and Fee for Ph.D. Programmes (Full Time/Part-Time)

*Tentative seat matrix for the Ph.D Program admissions for the Winter Session 2024-25*

Programme	Tentative Vacant Seats for FT/ PT	Annual Fee
Ph.D. (Computer Science & Engineering)	17	<b>33,000/-</b>
Ph.D. (IT)/Computer Application	35	
Ph.D.(AI & DS)	19	
Ph.D. (ECE)	23	
Ph.D. (MAE)	29	
Ph.D. (Architecture & Planning)	8	
Ph.D. (Management)	9	
Ph.D. (Physics)	14	
Ph.D. (Chemistry)	7	
Ph.D. (Maths)	7	
Ph.D. (English)	1	
<b>Total</b>	<b>169</b>	

**Note:** Seats can be filled as per the vacant slots available

**Note:** In addition, the above fee structure for Ph.D., the following fee are also required to be paid at the time of admission:-

- (I) Security Deposit (Refundable):- Rs.5000/-
- (ii) One Time Alumni Fee:- Rs.2000/-
- (iii) Hostel and Mess fee, if applicable will be paid separately.

## Admission Schedule for Ph.D. Admissions December 2024

<b>Opening of Admission portal for receiving of online applications for Ph.D.</b>	<b>20.12.2024</b>
Last date for submission of duly filled application	31.12.2024
Research Aptitude Test (RAT) for Ph.D.	10.01.2025
Result Declaration of RAT	13.01.2025
Conduction of Ph.D Interviews (for all departments) (Tentative)	16.01.2025 to 18.01.2025
Display of list of Selected Candidates	23.01.2025
Duration of Online Payment of Full Fee	27.01.2025
Last date of Admission for Ph.D.	31.01.2025

## FEE STRUCTURE Ph.D. PROGRAMMES

S.No.	Particular	Ph.D
		2024-25
1.	Tuition Fee	19,000
2.	Non Govt. Component	
2.1	Student Welfare (Co-curricular activities, Training and Placement, Extra Curricular Activities, Annual Gathering, Student Welfare, Institutional Development, Outsourcing, Conference, Seminar, Workshop, innovative projects, Skill Development activities and Misc. Expenditure on Unspecified items)	7,000
2.2	Facilities and Services Charges (Research initiatives, training courses, Awards, automation, facilities, entrepreneurship activities, maintenance activities, student furniture, fixture and any Misc. expenditure on unspecified items)	4,000
2.3	Economically Weaker Section (EWS) Fund	0
2.4	Examination Fee (Examination Infrastructure strengthening, expenditure on examination activities, confidential printing etc.)	3,000
2.5	Medical facility	0
	<b>Grand Total</b>	<b>33,000</b>

**Note: In addition to, the above fee structure for PG and Ph.D., the following fee are also required to be paid at the time of admission:-**

- (i) Security Deposit (Refundable):- Rs.5000/-
- (ii) One Time Alumni Fee: - Rs.2000/-
- (iii) Hostel and Mess fee, if applicable will be paid separately.

## RESERVATION POLICY

S.No.	Category	Percentage of Reservation	Remarks
1.	Scheduled Caste (SC)	15%	
2.	Scheduled Tribe (ST)	7.5%	
3.	Other Backward Class (OBC)- Non Creamy Layer	27%	
4.	Economically Weaker Section (EWS)	10%	
5.	Differently Abled Person (PD) – Sub Category	5%	In each category General, EWS, SC, ST & OBC-NCL etc.

Category	Code (CC)
General	GN
Scheduled Caste	SC
Scheduled Tribe	ST
Other Backward Classes	OBC
Economically Weaker	EW
Sub-Category	Code (SS)
No Subcategory	GN
Differently Abled Persons	PD

**Note: The Withdrawal of Admission and refund of fee is as per the UGC Norms.**



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EDUCATION | ENLIGHTENMENT | EMPOWERMENT



A Country's progress is incomplete if the women are not empowered. Education is the first step towards it which makes women self-reliant and contribute towards the society. In May 2013, Indira Gandhi Delhi Technical University for Women (IGDTUW) was established and is now a completely self-reliant University imparting high quality technical education exclusively for Women on its Kashmere Gate heritage Campus situated in the heart of Delhi. In last eleven years, the University has achieved a number of milestones, to name a few recent ones are:

## IGDTUW Innovation & Incubation Center

- It is matter of immense pride that 'IGDTUW Anveshan Foundation' is now recognized by the Department of Science & Technology (DST), GoI as 'Technology Business Incubator (TBI)' under NIDHI and has received a whopping funding of Rs. 6.00 Crores to accelerate and boost Innovation, Entrepreneurship, Start-ups, Incubation and Venture Development related activities at the University Campus.
- Further, IGDTUW Anveshan Foundation has been selected under Startup India Seed Fund Scheme under Ministry of Commerce and Industry, Govt. of India with a massive funding of Rs. 5.00 Crores.
- There are total of 30+ Incubatees Companies (registered as Private Limited) and 50+ Pre-Incubatee companies.

IGDTUW functions efficiently as a teaching & learning, research-oriented center in various branches of Engineering, Technology and Management promoting advancement and dissemination of research led knowledge among women from all over the country.

It helps our country 'India' to meet the requirements of professionally skilled (with ethical values) women workforce in both high-tech and low-tech domains. The strategic intent (VMO) of the University is to foster industry relevant research and innovations and empower the women of our country through value based higher education making them employable, self-reliant, entrepreneurship development, responsible citizen of the country with concern for environment and society.



### **Centre of Excellence in Artificial Intelligence**

The institution has formed a number of Centres of Excellence supported by various government agencies in certain research fields for demand driven innovations and translational research. It is a matter of immense pride and honour for the faculty and students of IGDTUW that the University is setting up the following Centres of Excellence (CoEs):

IGDTUW has established CoE in Artificial Intelligence with the funding of Rs. 8.02 Crores from the Department of Science and Technology, GoI. CoE is equipped with state-of-the-art infrastructure with computing facilities and modern AI-enabled infrastructure to enhance functional efficiency for Teaching, Research and Innovation. It will Encourage, Engage and Involve students as young Research Scholars, and Faculty Members to have futuristic knowledge on AI-based Technologies, Design and Development of intuitive technological solutions and produce good quality research in the AI-related areas there by benefitting the most from AI in solving industrial and societal needs. The Centre of Excellence (CoE) in Artificial Intelligence (AI) at IGDTUW caters to the requirements of students at all levels in the domains of AI, Machine Learning, Deep Learning for building various applications in the area of Robotics, Drones, NLP, and others. The Centre serves as the perfect platform with the necessary Hardware and Software Infrastructure to serve as a playground for the creative minds that solve real data driven problems at hand.

### **Centre of Excellence in Mechatronics**

IGDTUW aligns strongly with the vision of our Hon'ble Prime Minister in championing "Make in India" and "Made in India". Taking significant strides, IGDTUW has established the Centre of Excellence in Advanced Mechatronics. This endeavour aims to empower the women of India by honing their skills, making them more proficient and sought after in diverse manufacturing sectors.

The Centre of Excellence (CoE) in Advanced Mechatronics System has been setup at the University with funding of Rs. 8.00 Crores from Delhi Knowledge Development Foundation (DKDF).

### **Centre of Excellence in Innovation & Entrepreneurship**

In line with the vision of Hon'ble Prime Minister to make India as 'Startup Hub' and nurture the culture of entrepreneurship and innovation in India IGDTUW has incepted Innovation & Incubation Centre within the University Campus promoting Women Led Startups and giving wings to the Women Entrepreneurs.

It is matter of immense pride that 'IGDTUW Anveshan Foundation' is recognized by the Department of Science & Technology (DST), GoI as 'Technology Business Incubator (TBI)' under NIDHI and has received a whopping funding of Rs. 6.00 Crores to accelerate and boost Innovation, Entrepreneurship, Start-ups, Incubation and Venture Development related activities at the University Campus.

Further, IGDTUW Anveshan Foundation has been selected under Startup India Seed Fund Scheme under Ministry of Commerce and Industry, Govt. of India with the massive funding of Rs. 5.00 Crores.

### **Centre of Excellence in Sustainable Development**

The Centre for Sustainable Development (CSD) at IGDTUW constantly works toward increasing social awareness and outreach for the Sustainable Development Goals (SDG) 2030 set by the United Nations (UN). Seven teams are working under CSD and they take up different initiatives to cover 11 different SDG Goals. Recently, all the teams have launched comprehensive campaigns about pressing issues related to the SDGs and have disseminated knowledge to thousands of students

## Ph.D. PROGRAMMES OFFERED

Ph.D. Programmes		
S.No.	Name of the Course	Specialization
1.	Regular Ph.D. Programme (after completion of UG & PG Degrees)	Electronics & Communication Engineering (ECE), Electrical Engineering, Information Technology (IT) Artificial Intelligence & Data Sciences (AI & DS), Computer Application, Computer Science & Engineering (CSE), Mechanical & Automation Engineering (MAE), Management, and Applied Sciences & English (ASH)
2.	Direct Ph.D. Programme (Full Time after 4 - years Bachelor's Degree/1- year Master's Degree)	Electronics & Communication Engineering (ECE), Electrical Engineering, Information Technology (IT) Artificial Intelligence & Data Sciences (AI & DS), Computer Science & Engineering (CSE), Mechanical & Automation Engineering (MAE), Computer Application

### Ecosystem for Research

The University is on the Mission to promote high quality Scientific Research with focus on Engineering, Technology, Science, Architecture, Management and Humanities. Research is of utmost importance for both the economic and social development of a nation. The cognitive and pragmatic approach of the female gender; blended with sensitivity; to the need so four society helps in building the knowledge economy of our country. Indira Gandhi Delhi Technical University for Women has evolved to become a national flagship, research-led University with a mission to foster an environment for excellence in professional education and ensure active participation of women in the field of Engineering, Science, Management and Technology, thereby attempting to strike out a fine-balance between world of work and life. The University vows to devise sustainable systems and state-of-the-art infrastructure to enable the Indian women to dawn the role of future leaders, managers, researchers and productive team players in the field of Science & Technology. Faculty Members are encouraged to submit proposals for sponsored research and undertake research-based consultancies.

The major thrust areas of research at the University are Artificial Intelligence, Big Data Analytics, Speech Translation Systems, Web Technologies, Fuzzy Database Management, Mobile Computing, Wireless Sensor Network, Machine Learning, Internet of Things, Algorithms Design, Information Security, Secure Wireless Networks, Cloud Computing, Business Intelligence, Data Communication Networks, Data Aggregation in wireless sensor networks, Cryptography, Cyber Forensics, Cyber Security, Optical Communication, Digital

Signal and Image Processing, VLSI Design, Embedded System, Medical Image Processing, Renewable Energy Resources, Microelectronics, Radio Frequency circuits, Analog Integrated Circuits, Evolutionary Algorithms, Biomedical Engineering, Sensors, Power Electronics, Machine Design Engineering, Tribology, Composite Materials, Robotics & Automation, Thermal Science and Engineering; Green Manufacturing; Bio-composite materials, Polymers, Atmospheric Sciences, Nanomaterial fabrication and engineering, Thin Film Technologies, Mathematical programming, Allocation Problems, Applied Optics, Panoramic and 3-D Imaging, English Literature and Communication Studies.

In the last three years, IGDTUW has witnessed a greater focus on building research facilities augmented by funding from Department of Science and Technology, Delhi Knowledge & Development Fund and various other national and international funding agencies. Many new labs have been added in various departments during this period. Resources have been generated by the faculty through sponsored research projects from DST, MHRD, MCIT, MEIT etc. which have added value to their research and technology.

The University has been actively involved in collaborative programmes with National and International Organizations/Universities to remain at the forefront in Scientific and Technological development and to share the knowledge for mutual benefits. IGDTUW is currently partnering with various Universities to promote various forms of Academic Collaborations with Institutions and Industries for improvement in performance of the students, knowledge updating of faculty, bridging the gap between Academia & Industry, better placements of students and higher studies opportunities for students. The University aims to improve overall research performance and promote research activities undertaken by the students of the University. To strengthen the research culture in the campus and encourage the students to pursue quality research work, various Incentive/ Schemes/Financial Assistance have been launched by the University from the on-going session:

- Financial Assistance to Full time Ph.D. Scholars of IGDTUW who are not in receipt of any kind of Financial Assistance from any other sources.
- Financial Assistance to non-GATE M. Tech and M.Plan Students who are not in receipt of any other kind of Scholarship/Stipend etc. from any other sources.
- Incentive to UG/PG Students for Publication of Research Papers in SSCI/SCI/SCIE/Scopus/ESCI Indexed Journals.
- Financial support to the Faculty Members and Students for presenting Research Papers in National and International Conferences.

### **Promote Quality Research**

- Research Incentives and Awards to celebrate exceptional performances: Every year, faculty members/PG/PhD researchers with publications of Research papers in SSCI/SCI/SCIE/Scopus/ ESCI Indexed journals are awarded with a cash prize and Awards upto Rs. 5,00,000/-maximum and Rs 20,000/- minimum (to boost research and innovation).
- Research Incentives and Awards for Patents: Faculty members/PG/PhD researchers are awarded with a cash prize and Awards upto Rs. 5,00,000/-maximum and Rs 2,00,000/- minimum.
- Research Grants: IGDTUW provides financial assistance to all the faculties/students to participate in conferences at national/international level.
- Reimbursement of registration fee for presenting the research paper in the conference.
- Dual Ph.D Programme under Cotutelle Agreement with international universities.
- IGDTUW JRF/SRF monthly Fellowship of Rs. 38,440/- and Rs. 43,400/- respectively.
- All Full Time Ph.D. Scholars receive Monthly Stipend of Rs. 10,000/-

### **Promote Sponsored Research:**

IGDTUW has fetched come more than 15 projects from Department of Science & Technology (DST), Ministry of IT & Electronics (MietY), Department of IT and Electronics (DietY), Ministry of Education (MoE) etc. with the funding of more than Rs. 5crores.

### **Build Centre of Excellence:**

It is matter of pride and honour for faculty and students of IGDTUW that the university has setup following Centre of Excellence (CoE).

- (i) Centre of Excellence (CoE) in Artificial Intelligence: IGDTUW has received a whopping grant of Rs.3.6 Crores in 'phase 1' and received sanction of Rs. 8.3 Cr. for phase 2 from DST for the CoE.
- (ii) Centre of Excellence in Mechatronics: IGDTUW has received a massive funding of Rs. 8.67 Cr, given by Delhi Govt. to IGDTUW for setting up CoE with the objective to promote research in Drones, Robotics and Automation. This will specially benefit girl students to increase their knowledge base in the intersected domain of electronics and mechanics.
- (iii) Government of NCT of Delhi has funded INR Two crores Fifteen Lakhs to support Anveshan Foundation for Innovation, Entrepreneurship, Start-ups and Incubation related activities at the University Campus. In the last financial year i.e. 2020-21, sanction of INR Four Crore Fifty Lakhs has been received from the Department of Science and Technology, Government of India to accelerate the activities of Anveshan Foundation. Now Anveshan is NIDHI-TBI i.e. 'Technical Business Incubator' under a scheme of DST 'National Initiative for Development and Harnessing Innovations'.

### **Pertinent Programs:**

IGDTUW has partnered with several industries for improvement in the performance of the students, knowledge updating of faculty members, bridging gaps between academia and industry, better placements and higher studies opportunities for students. Few of these collaborations worth mentioning are: NASSCOM & CISCO for setting up of thingQbator Innovation Lab & M/s Flour Daniel for setting up Turning Lab (both under their CSR activities), EATON Foundation for Internship placement and scholarship to students, IBM India Pvt Ltd for academic growth and Technological advancement, Fair conditioning for designing course curriculum of B.Arch program, Amazon AWS and Ennoble IP etc.

Students also take part in various curricular and extra-curricular activities and competitions within the university and outside. On several occasions, they represented the university and won prizes and medals to bring laurel to the university. The University students are encouraged to participate in various National and International events, competitions including Hackathons and won various Awards / Prizes. The University has seven Technical membership societies like ACM chapter, IEEE, OSA, WiBD etc., fourteen institute level societies and four clubs related to various Technical, Art and Culture and Environment activities.

## RESEARCH & RESEARCH EXCELLENCE AWARDS

### Research

The University is on a Mission to promote high quality Scientific Research with focus on Engineering, Technology, Science, Architecture & Planning, Management and Humanities. Research is of utmost importance for both the economic and social development of a nation. Indira Gandhi Delhi Technical University for Women has evolved to become a National flagship, Research-Led University with a mission to foster an environment for academic excellence and research excellence in advanced & emerging areas of Technology to meet the commentary needs of the Industry & Society at large.

The Major Thrust Areas of Research at The University Are:

- |  |  |  |
|--|--|--|
| • Artificial Intelligence                  | • Data Communication Networks                  | • Analog Integrated Circuits               |
| • Big Data Analytics                       | • Data Aggregation in wireless Sensor networks | • Evolutionary Algorithms                  |
| • Speech Translation Systems               | • Cryptography                                 | • Biomedical Engineering                   |
| • Web Technologies                         | • Cyber Security & Cyber Forensics             | • Sensors                                  |
| • Fuzzy Database Management                | • Optical Communication                        | • Power Electronics                        |
| • Mobile Computing                         | • Digital Signal and Image Processing          | • Machine Design Engineering               |
| • Wireless Sensor Network                  | • VLSI Design                                  | • Tribology                                |
| • Machine Learning                         | • Embedded System                              | • Composite Materials                      |
| • Internet of Things                       | • Medical Image Processing                     | • Robotics & Automation                    |
| • Algorithms Design                        | • Renewable Energy Resources                   | • Thermal Science and Engineering          |
| • Information Security                     | • Microelectronics                             | • Green Manufacturing                      |
| • Secure Wireless Networks                 | • Radio Frequency Circuits                     | • Bio-composite materials                  |
| • Cloud Computing                          | • Mathematical Programming                     | • Polymers                                 |
| • Business Intelligence                    | • Allocation Problems                          | • Atmospheric Sciences                     |
| • Nanomaterial Fabrication and Engineering | • Applied Optics                               | • Panoramic and 3-D Imaging                |
| • Thin Film Technologies                   |  | • English Literature Communication Studies |

In the recent past, IGDTUW has witnessed a greater focus on building research facilities & research temperament among students, scholars & faculty members. Many new laboratories have been added in various departments during this period. Faculty members are working on various research projects funded by DST, MHRD, MCIT, MeitY, DietY, etc. which have added value to their research and technology.

The University aims to improve overall research performance and promote research activities undertaken by the students of the University. To strengthen the research culture in the campus and encourage the students to pursue quality research work, various Incentive/ Schemes/ Financial Assistance Schemes have been launched by the University. To name a few:

- Financial Assistance to Full time Ph.D. Scholars of IGDTUW who are not in receipt of any kind of Financial Assistance from any other sources.
- IGDTUW incepted JRF/ SRF Schemes for Ph.D. Scholars.



### **Research Excellence Awards**

**“Remember to celebrate milestones as you prepare for the road ahead.”**

IGDTUW introduced Research Excellence Awards, to support quality and innovative research and to recognize the achievements of the faculty and student researchers. The University offers four categories of awards annually to motivate the students, scholars and faculty members:

- Outstanding Research Awards with Cash Prize of Rs. 5,00,000/-
- Premier Research Awards with Cash Prize of Rs. 1,00,000/-
- Commendable Research Awards with Cash Prize of Rs. 50,000/-
- Motivational Research Awards with Cash Prize of Rs. 20,000/-

The primary goal of the Outstanding Research Awards is to recognize faculty who published papers in journals in the outstanding category. The aim of the Premier Research Awards is to recognize the faculty who published papers in reputed journals in the premier category with an impact factor of at least 1.0. The goal of the Commendable Research Awards is to recognize the faculty who published papers in reputed journals in the commendable category with an impact factor of at least two. The purpose of the Motivational Research awards is to recognize the faculty who published papers in reputed journals in the motivational category with an impact factor of at least 1.0. All the above-mentioned awards would include the category of journals published in SCI/SCI expanded/SSCI publications.

The Awards for Patents have also been introduced under two categories viz:

- Premier Patent Award Category for the grant of a US/UK patent worth Rs. 5,00,000/-
- Commendable Patent award category for the grant of an Indian patent worth Rs. 2,00,000/-



## IGDTUW ANVESHAN FOUNDATION – TBI

### Innovation and Incubation Centre

IGDTUW has promoted and incorporated a Section 8 Company 'IGDTUW Anveshan Foundation' under the Companies Act, 2013 to propagate **Entrepreneurial Culture and Ecosystem among Women**.

In the last financial year i.e., 2021-22, sanction of INR Four Crore Fifty Lakhs has been received from the Department of Science and Technology, Government of India to accelerate the activities of Anveshan Foundation. Now Anveshan is NIDHI-TBI i.e., 'Technical Business Incubator' under a scheme of **DST 'National Initiative for Development and Harnessing Innovations'**.

All kind of facilitation (pertaining to the start-up ecosystem) in five phases (of complete incubation and venture development) i.e., i) Pre-incubation, ii) Incubation, iii) Acceleration, iv) Post-incubation and v) Virtual Incubation is provided by Anveshan Foundation. In Pre-incubation, activities related to Motivation, Ideation, PoC, PoV, Innovation, Prototyping, MVP, Feasibility, Prior Art, Intellectual Property Right, Pitch Deck, Business Plan and Presentation skills are provided by Anveshan Foundation. A total of sixty student members are actively working with the E-Cell (Entrepreneurship Cell) of IGDTUW. Since inception, many activities and events have been organized by the Incubation Center which includes Workshops, Boot-camps, Hackathons, and Industrial Visits, Inter College/University competitions and Start-up Acceleration Programs.

**NASSCOM Foundation** has established a complete IoT and Robotics Lab 'thingQbator' (worth INR 60 Lakhs) for Innovation under its CSR activity through its partner organization NASSCOM Foundation in support with Defy and Li2. More than 300 students have been benefitted till date in five cohorts.

**GiZ India** (a German Organization) had signed a Contract with Anveshan Foundation worth INR 27.5 Lakhs for Strengthening Incubation & Start-up Ecosystem specially for Women Entrepreneurs. This initiative and support from GiZ India has benefitted more than five thousand participants and attendees all over the country.

Anveshan has recently received a confirmation of Rs.7.66 Lakhs grant by the Ministry of Micro, Small and Medium Enterprises (under its Advanced ESDP Scheme) for conducting a Women Acceleration Program for the FY 2022-23 in four domain areas.

Anveshan Foundation is conducting regular Internships, Pragmatic workshops and Short-term Courses on technical and non-technical areas for confidence building among aspiring women entrepreneurs. Some of the recently concluded workshop are:

- Start-up Management
- Innovation & Entrepreneurship
- Digital Marketing
- Python
- Family Business & Entrepreneurship

Total seventeen private limited companies are working as start-up 'Incubatees' with Anveshan Foundation. All of these incubatees are women enterprises. Details of all these incubatees along with their products & services are available on the website of Anveshan Foundation. Incubation Center provides facilities for Company Incorporation, fully furnished air-conditioned co-working/ office space, complete ICT and free consultation support to all of its pre-incubatees and incubatees. As mentioned earlier, there is also a provision of Seed Fund against equity for 'Incubatees with Investment' for its incubatees.

IGDTUW Anveshan Foundation has a pool of Consultants and Mentors empanelled with it to formulate and implement growth strategies for the incubatees as an essential part of business acceleration. Support in Product Development, Product Refinement, Marketing, Human Resources, Supply Chain, Franchise Models and Bargaining with Investors is provided by IGDTUW Anveshan Foundation.

Incubation Center has also signed ten MoUs with other colleges, institutes and universities to facilitate and establish incubation centres in their premises and to accelerate and diversify businesses of their students and incubatees through various channels.

After the incubation period, at the phase of post- incubation, hand holding support continues from Anveshan Foundation in consultancy, laboratories, innovation and portfolio management. Through virtual mode, Anveshan Foundation is helping many other start-ups all over the country.

## NATIONAL AND INTERNATIONAL COLLABORATIONS

### MoU with Prestigious International Universities

- IGDTUW has proudly signed an MOU with University of Wollongong Australia (UOWA) for 2+2 Credit Transfer Articulation. Students enrolled in this scheme shall study 2 years each in India and Australia respectively. Students will be awarded International Degree by University Wollongong Australia (UOWA) and gets an International Exposure of Dynamic market of the technical horizon.
- UniMAP- University of Malaysia, Perlis, for Research and Development activities and work collaborations, Students and Faculty exchange programs.
- IGDTUW signed a cotutelle agreement with James Cook University (JCU), Australia for student's research collaborations and pursue dual-degree Ph.D. Programs. Few students from IGDTUW have already registered and started their dual degree programs with JCU.
- Nara Institute of Science and Technology (NAIST), JAPAN, for Research collaborations, Students and Faculty exchange programs, Remote Internship programs. Recently two students from IGDTUW have been selected for NAIST-AHC call for interns, Internship program commencing from October- 2022 till May 2023.
- National Ping Tung University [NPTU], Taiwan for research collaboration, student and Faculty Exchange etc.
- Maykop State Technological University, Maykop, Russia for collaborative research, exchange of faculty, students, researchers etc and jointly organizing Symposia, Seminars and Conferences.
- Collaboration with United Kingdom Research and Innovation, Centre of Ecology & Hydrology, CEH, UK to facilitate cooperation between the UK and Indian Earth System Science and Environmental Research Communities.

### Industrial Collaboration at International Level

- Cyber Peace Foundation for setting up of Centre of Excellence in Cyber Security.
- Rekhi Foundation for establishing Centre of Excellence in 'Science & Practice of Happiness'.
- Omega Seiki Mobility (OSM), for setting of state-of- the-art testing lab for Electrical Vehicle and charging station in IGDTUW premises, besides providing Internship programmes and Research exposure.
- EATON Foundation for providing Internships, Placements and Scholarships to the IGDTUW students.
- MoU signed with 'Fair Conditioning' for designing the course curriculum of B.Arch. program by inclusion of pedagogy, tools and techniques of energy efficiency and Passive active cooling techniques.
- MoU with Amazon signed by Department of Information Technology.

### Worth-mentioning International Students Chapters at IGDTUW

- OSA (The Optical Society)
- ASME (American Society of Mechanical Engineers)
- IEEE
- ACM
- WiBD (Women in Big Data)
- Enactus

### **MoU with Prestigious National Level Organizations / Industries**

- MoU with IBM India Private Ltd. for the holistic Academic Growth and Technological Advancement
- MoU with Enobble IP and Ortis Law Offices for facilitating activities pertaining to intellectual property to staff and students and Incubatees.
- HDFC bank for assisting in start-up innovation goals and exchange of Financial and Technology tools.
- Edunet Foundation for Skilling, Employment and Entrepreneurship.
- Mundo Latino for training and skill development.
- MoU with Different Departments under GoI/ GNCTD /NGO's /Corporates /Research Organizations.
- CFSL-Chandigarh: IGDTUW has collaborated with Central Forensic Science Laboratory, Chandigarh for development and delivery of real-time research products.
- FSL-Delhi: IGDTUW has collaborated with Forensic Science Laboratory Delhi to harness and deliver research products based on real-time societal challenges such as Cyber-Security, Ethics and Criminal cases. IGDTUW has planned to send 10 interns this year to FSL for understanding and getting guidance in their special domains.
- Delhi Subordinate State Selection Board (DSSSB) for providing Technical Support and effective utilization of the University infrastructure for conducting recruitment examinations.
- Indraprastha Power Generation Co. Ltd. (IPGCL), for providing consultancy support for recruitment process.
- MoU with Municipal Corporation of Delhi (MCD) for Urban Planning.  
Training of Delhi Police Staff on Cyber Security and Cyber Crime.

## INFRASTRUCTURE AND TRANSFORMING STUDENTS INTO LEADERS THROUGH METICULOUS PROGRAMS AND CENTRAL FACILITIES

IGDTUW has a State-of-the-Art infrastructure comprising of modern well-equipped Labs, fully Wi-Fi enabled campus, Computer Centre, fully Automated Library, Auditorium, Multi-purpose Hall, Conference Room, Seminar Room, Hostels, Sports & Recreational Facilities, etc.

### IT Services

IGDTUW Campus is recently upgraded its IT Infrastructure through high-end intelligent CISCO switches, and possesses round the clock 1 Gbps NKN leased line and a 50 Mbps MTNL leased line in a different OFC for the LAN wired & Wi-Fi connectivity for the academic, administrative and hostel blocks of the campus, with internet facilities on all the nodes through 10 Gbps LAN optical fiber connectivity. Around 550 Computers, 85 Printers etc are connected with Local area network which is being managed and maintained by Planning and Development Division.

IGDTUW campus is a fully Wi-Fi campus, all areas of campus are covered with Outdoor and Indoor wireless access points which are working 24x7 for providing seamless wireless internet connectivity to users through Security Firewall with authentication of every user in campus.

### Computer Centre

The University has a centralized computing facility housed in the 'Computer Centre', which is equipped with high end configured computer systems. Each computer (HP 8100 Elite SFF and 8300 Elite SFF series) runs Intel Core i5-650 3.2 GHz processor aptly supported with a minimum 16GB RAM and hard disk space of 320 GB. The hardware is configured to operate in a dual boot mode providing support for the two broad classes of operating systems namely Windows 7 Professional Edition and Linux based Ubuntu-12.04, with long term support.

### Hostel Facilities

The University has two women hostels - Krishna Hostel and Kaveri Hostel, to accommodate approximately 350 students. These two hostels are located in the University campus. The hostels provide a safe, secure and clean environment for the students to grow, learn and mature in the society away from their own homes. The hostel authorities always facilitate to create an environment for the students to study, do well in their academics and focus on their career and future.

All rooms are on twin/triple sharing basis and are equipped with individual beds, chairs, built-in cupboards and study tables. In addition to this, IGDTUW Hostels provide purified drinking water (RO), housekeeping services, wi-fi facility, newspaper/magazines, TV, Washing machines, facilities of hot water for residents, paid laundry services etc. The residents use the campus playground for games like Basket Ball, Badminton and skating. An indoor table-tennis court and badminton court also exist in the hostel premises for the residents. The hostel also has its own gymnasium for residents.

Hostel accommodation is allotted to full-time bonafide students of IGDTUW satisfying the eligibility criteria for hostel admission subject to availability. The allotment of accommodation in the hostel is made on the basis of IGDTUW Hostel Rules and Regulations as mentioned in the hostel brochure. Students desirous of seeking hostel admission shall apply immediately after the completion of their admission process for IGDTUW. Students are required to produce the university admission fee receipt at the time of submission of application for the hostel admission.

### Learning Resource Centre

Learning Resource Centre (LRC) serves as the premier source of academic information for the university community through its rich collection of textbooks, journals and reference materials. The LRC has a focused collection of print, electronic, and audio-visual materials in the areas of science, engineering, technology, technical communication and management to support the learning and research activities of students and faculty. Services provided by LRC are as below:

A Book bank facility is offered to all the students who are enrolled in any of the programs offered at the university campus.

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

**Medical Facility**

The health services at the university are provided through the health centre located in the campus. The dispensary is equipped with over the counter medicines, bed to rest in, medical equipment's, physical screening tools and first aid facility. A team of one registered medical practitioner along with one registered nurse is available from 09:00 am to 05:00 pm.

**Bank Facility**

A branch of Punjab and Sind Bank is available in the university premises with ATM facility to enable students, faculty and staff members to receive convenient banking and money withdrawal services.



## **INFORMATION REGARDING RESERVATION**

- 1) Other Backward Class (OBC\_NCL) 5% relaxation of marks in the minimum eligibility requirements.
- 2) Scheduled Castes (SC) and Scheduled Tribes (ST) / Differently Abled Persons (PD):10% relaxation of marks in the minimum eligibility requirements.

### **Additional Information Regarding Reservation**

- (i) It is the sole responsibility of the applicant to prove her eligibility for claiming reservation under any of the reserved categories / EWS sub-categories. The applicants claiming reservation under SC / ST / OBC / PD/ EWS categories/sub-categories will be required to produce the original certificate of the respective reserved category/sub-category issued by one of the following authorities of competent jurisdiction:
- (ii) If the reserved category / sub-category certificate is not found to be in order, no benefit of the reserved category / sub-category will be given and provisionally allotted seat to that applicant will stand automatically cancelled. Such applicants may be considered under General category / sub-category in respective state quota for subsequent rounds of counselling on submission of a request in this regard.
- (iii) In case, sufficient number of eligible applicants from category OBC-NCL is not available, the vacancies will be treated as unreserved.
- (iv) In case of category SC and ST, the vacant seats are interchangeable. However, after exhausting the complete list of SC and ST applicants, the vacant seats will be treated as unreserved in the Spot Round. Any such conversion should ensure there should not exist any rank/merit violation in the complete process of the admission.
- (v) Differently Abled Persons (PD):5% of the total seats in each category are reserved for candidates belonging to 'Differently Abled Persons' sub-category in accordance with the provisions of "The Rights of Persons with disabilities Act 2016" (PWD ACT). All the candidates who furnish PWD certificate from any Government Hospital located in Delhi or Outside Delhi under the provisions of "The Rights of Persons with Disabilities Act 2016", shall be eligible for claiming reservation.

**Certificates required for Reserved Seats at the time of Document Verification**

Candidates applying for any reserved seat (i.e. SC, ST, OBC-NCL, EWS, PD) must produce the original certificates (as applicable) as mentioned below at the time of document verification.

Schedule Caste (SC) / Schedule Tribe (ST) / Other Backward Class(OBC-NCL) / Economically Weaker Section (EWS): For admission to a seat reserve for Schedule Caste (SC) / Schedule Tribe (ST) / Other Backward Class(OBC-NCL) / Economically Weaker Section (EWS), candidate must produce a certificate, in original, issued from an approved district authority stating the Schedule Caste (SC) / Schedule Tribe (ST) / Other Backward Class(OBC-NCL), to which candidate belongs. A list of approved authorities is given below:

District Magistrate / Additional Magistrate / Deputy Commissioner /Collector / Additional Deputy Commissioner / Deputy Collector / 1st Class Stipendiary Magistrate / City Magistrate (not below the rank of 1st Class Stipendiary Magistrate), Sub-Divisional Magistrate / Taluka Magistrate / Executive Magistrate / Assistant Commissioner.

Revenue Officer not below the rank of Tehsildar.

Sub-Divisional Officer of the area where the candidates and/or her family normally resides.

Administrator/Secretary to Administration/Development Officer (Laccadive & Minicoy Islands).



**Note:**

*The candidate seeking admission under reserved categories has to mandatorily produce the caste/category certificate in her name. The certificate in the name of either of the parents (Mother/Father) or any other family member is not acceptable and the candidate will not be entitled even for provisional admission.*

*OBC-NCL and EWS candidates are required to produce a certificate issued after March 31, 2024 from the authorities as mentioned above. However, if the certificate is issued prior to March 31, 2024, it must be accompanied with an additional certificate mentioning their status in the present financial year. This additional certificate must have reference of her already issued original OBC-NCL/EWS certificate.*

- (i) Differently Abled Persons (PD): For admission to seat reserved for Differently Abled Persons (PD) sub-category, the candidate must produce the following certificates in original at the time of document verification for PD candidates:
- a) A certificate of physical disability issued by the Competent Authority as per the provision of the Persons with Disabilities Act 2016 in the prescribed format as given under the Act.
  - b) The Candidate with benchmark disabilities shall produce the medical certificate issued by the Govt. Hospitals duly notified by the Govt. of NCT of Delhi/Other State government and further duly verified by the Chief Medical Officer of the concerned Government Hospital.
  - c) A certificate duly recommended by Vocational Rehabilitation Centre for the handicapped, 9-11 Vikas Marg, Karkardooma, Delhi 110092.

## ADMISSION GUIDELINES FOR 2024-25 Ph.D. ADMISSIONS

IGDTUW offers admission to female candidates in the Ph.D. program twice in an academic year (July and December) commencing every year. Presently Ph.D. Program is run in Computer Science Engineering, Information Technology, Artificial Intelligence & Data Sciences (AI & DS), Electronics and Communication Engineering, Mechanical and Automation Engineering, Architecture and Planning, Management and disciplines of Mathematics, Physics, Chemistry and English in Applied Sciences. Research is also carried out in various interdisciplinary fields like AI, ML, Neural Networks, Biomedical applications Nanotechnology and Environmental Sciences, etc.

Ph.D. Programs offered by University are as follows:-

### **A. Regular Ph.D. Program after UG and PG Degree**

### **B. Direct Ph.D. Program (Full Time) after 4-years Bachelor's degree/1st- year Master's Degree**

To enable and nurture relevant research endeavors the University has bagged research grants from various external agencies. The researchers in the University, both Faculty and students are involved in industry relevant research and consultancy in various areas of social relevance. The University is in the process of developing various advanced labs & centres, which would serve as the premier source of academic information for the University community through its rich collection of academic books, journals and documents with innovative technology and physical facilities.

### **Eligibility Criteria**

**The minimum entry qualifications for Full-Time/Part-Time Research Scholars areas follows:**

- 1) **For Engineering:** M.E./M.Tech. Degree or equivalent from a recognized University/Institution in the relevant discipline with minimum of 60% marks in aggregate or its equivalent CGPA in the point scale and B.E./B. Tech. or equivalent with minimum of 60% marks in aggregate or equivalent CGPA.
- 2) **For Computer Applications:** MCA from a recognized University/ Institution with minimum of 60% marks in aggregate or its equivalent CGPA in the point scale and Graduation Degree (with Sciences and Mathematics) with minimum of 60% marks in aggregate or equivalent CGPA.
- 3) **For Sciences:** Masters Degree in the relevant discipline from a recognized University/Institution with 60% marks in aggregate or its equivalent CGPA in the point scale and undergraduate degree in the relevant discipline with 60% marks in aggregate or equivalent CGPA.
- 4) **For Humanities:** Masters Degree in the relevant discipline from a recognized University/ Institution with 55% marks in aggregate or its equivalent CGPA in the point scale and undergraduate degree in the relevant discipline with 55% marks in aggregate or equivalent CGPA.
- 5) **For Architecture and Planning:** Master's degree of a recognized institution or university in various specialization of Architecture or Planning or allied subject with 55% marks (50% for reserved categories) or equivalent grade. OR bachelor's degree of a recognized institution or university in Architecture or Planning with 75% marks (70% for reserved categories) or equivalent grade, along with the professional/research experience for a minimum period of five years after obtaining the bachelor's degree.

### **Note:**

**Applicants belonging to Schedule Caste, Schedule Tribe, OBC (Non Creamy Layer), Economically Weaker Section (EWS) and Differently-abled (PD) Categories will be given 5%**

**An applicant is eligible for Part-Time Research Scholar (Sponsored) / Full-Time Research Scholar (Sponsored), provided she fulfils the following conditions:**

An applicant is eligible for Part-Time Research Scholar (Sponsored)/ Full-Time Research Scholar (Sponsored), provided she fulfils the following conditions:

The applicant is presently employed under any of the following categories :

- a. Applicant is working in organizations which have MOU with IGDTUW.
- b. Applicant is working on Full-Time basis (regular/adhoc/contract) in a National Level R&D Lab/ a reputed organization/ recognized educational institution/ University/ PSU/ Corporate/ Industry registered under Companies Act.

The Applicant possesses at least two years of relevant work experience in the categories, as at (ii) b.

The applicant gets a NOC from her employer, at the time of provisional registration.

**Minimum eligibility for Ph.D admission in the Department of Management**

The minimum entry qualifications for Full-Time/Part-Time Research Scholars are as follows: Master's degree in Management/ Engineering/ Technology/ Commerce/Economics and other behavioral Sciences and allied relevant disciplines, or equivalent, with a minimum 55% marks in aggregate or equivalent CGPA. PG Diploma courses considered equivalent to Master degree recognized by AICTE/UGC only shall also be considered in determining the eligibility. In such cases, candidates would be required to produce the necessary certificate(s) from the Competent Authority. Relevant branches include:

Accounts & Finance, Agricultural Economic & Business Management, Banking & Insurance, Business Administration, Business Analytics, Business Data Analytics, Business Economics, Business Law, Business Management, Business Policy & Strategic Management, Commerce, Data Analytics, Data Science, Decision Science, E Commerce, Economics, Finance & Control, Finance, Financial Management, Financial Markets, Global Business Operation, Human Resource Management, Industrial Engineering, Industrial Management, International Business, Knowledge Engineering, Knowledge Science, Management Science, Marketing Management, Operations Research, Organizational Development, Personnel Management & Industrial Relation, Psychology, Sales & Marketing Management, Statistics, Strategic Management, Family Business & Entrepreneurship Innovation, Entrepreneurship & Venture Development.

**Exemptions, Relaxations and Clarifications:**

1. For SC/ST/PwD category candidates, the minimum performance in the qualifying degree (S. No. 1 & 2 in Table 1) is relaxed from 60% to 55% (CGPA relaxed from 6.00 to 5.50).
2. For SC/ST/PwD category candidates, the minimum performance in the qualifying degree (Sr. No. 3 in Table 1) is relaxed from 70% to 65% (CGPA relaxed from 7.00 to 6.50).
3. Qualifying degree performance is computed by aggregating performance over all the semesters/years of the qualifying degree, as per the credit or weightage system approved in the institution / board where the degree has been completed.
4. Requirement of qualification in GATE / National Exam is waived for the following categories of applicants:
  - Currently registered students in Centrally Funded Technical Institutes (CFTIs) pursuing B. Tech./B.E./ Integrated M. Tech/ Integrated M. Sc. Programmes (or any other programme of minimum four year duration, admission to which is on the basis of JEE), who have completed 6 semesters or more, and have CGPA of 8.00 or above (on a 10 point scale). Such students must obtain a CGPA of 8.00 or above at the time of graduation, and before they formally register for the Ph.D. programme (80% aggregate marks, if marks are the primary mode of evaluation);

- Graduates of CFTIs (in the programmes marked under (i)) with a final graduation CGPA of more than 8.00 (80% aggregate marks, if marks are the primary mode of evaluation);
  - M.A or M.Sc. graduates from IITs with CGPA 8.00 or above.
5. For purposes of shortlisting, the primary method of evaluation (i.e., CGPA/CPI, or aggregate percentage, whichever is appropriate) followed by the institution where candidate has obtained his/her qualifying degree will be used by IGDTUW Delhi for determining whether the candidate meets the final shortlisting requirements.
  6. For assistantship purposes only (and not for qualification), candidates with M.B.B.S. qualification will be considered equivalent to M. Tech., for admission to Ph.D. programme in Management;
  7. For candidates with M.A. degree in English, a 5% relaxation in marks or 0.5 relaxation in CGPA may be permitted for admission to the Ph.D. programme.
  8. Candidates holding an MBA degree are eligible for applying to the Ph.D. programme in the Department of Management Studies.

#### **Minimum Qualifications for Admission to Part-time and Sponsored (full-time) Ph.D. Programme in Management:**

The following eligibility conditions apply for Part-time and sponsored full-time programmes:

1. Only employees of Public Sector Undertakings or Government Departments or Research and Development Organizations or Private Industries (approved by University) are eligible for admission to these programmes.
2. The minimum full-time experience required after obtaining the qualifying degree and as on date of registration, is 2 Years.
3. Sponsored (full-time) candidates seeking admission to a Ph.D. programme on the basis of study leave, must submit a "Sponsorship Certificate" on a proper letterhead from the appropriate authority in the organization clearly stating the following:
  - For the period of his/her studies in the programme, the candidate would be treated as on duty with usual salary and allowances; and
  - That he/she will be fully relieved and granted study leave for a minimum period of 3 years (2 years for M.Tech. and equivalent degree holders).
  - For the period of his/her studies in the programme, the candidate would be treated as on duty with usual salary and allowances; and
  - That he/she will be fully relieved and granted study leave for a minimum period of 3 years (2 years for M.Tech. and equivalent degree holders).

**The Selection in Ph.D Program is based on the score obtained in RAT/GATE/NET and personal interview.**

## B. Guidelines for Admission to Direct Ph.D. Program (Full Time) after 4-years Bachelor's degree/1st year Master's Degree

### I. Admission Eligibility:

1. The candidates who have completed their final year (eighth semester) of their Bachelor's degree program (or result awaited) and have a minimum CGPA of 7.5/10 or equivalent percentage shall be eligible to apply for direct Ph.D. admission.
2. For admission after 1st year/2-semester Master's degree program (after a 4-year undergraduate degree) candidate must have at least 55% marks in aggregate or its equivalent grade 'B' in the UGC 10- point scale (or an equivalent grade in a point scale wherever grading system is followed) in Master's program in relevant discipline. Also, the candidate should have secured at least 60% marks in aggregate or equivalent CGPA in Bachelor's Degree.
3. Candidate must have minimum 01 Scopus conference/journal publication (published/accepted).

**Table-I: Eligibility criteria for Admission to Direct Ph.D. Program after 4-years Bachelor's degree**

S.No.	Name of the Course	Minimum Eligibility
1.	Ph.D. CSE/ Artificial Intelligence & Data Science	Minimum CGPA of 7.5/10 or equivalent percentage in the qualifying exam as under: B.Tech/B.E. Degree in Computer Science/Computer Engineering/ Computer Science & Engineering/Information technology/Electronics & Communication Engineering/Software Engineering or equivalent from a recognized University.
2.	Ph.D. (IT)	Minimum CGPA of 7.5/10 or equivalent percentage in the qualifying exam as under: B.Tech/B.E. Degree in Computer Science/Computer Engineering/ Computer Science & Engineering/Information technology/Electronics & Communication Engineering/Software Engineering/Electrical Engineering/Electronics & Instrumentation Engineering/Electronics & Telecommunication Engineering/Computer Science Engineering/Information Technology/Information Science Engineering or equivalent from a recognized University
3.	Ph.D. (ECE)	Minimum CGPA of 7.5/10 or equivalent percentage in the qualifying exam as under: B.Tech/B.E. Degree in Electronics & Communication Engineering/Electrical Engineering/Electronics & Instrumentation Engineering/Electronics & Telecommunication Engineering/Computer Science & Engineering / Information Technology/Information Science Engineering or equivalent from a recognized University.
4.	Ph.D. (MAE)	Minimum CGPA of 7.5/10 or equivalent percentage in the qualifying exam as under: B.Tech/B.E. Degree in MAE/Electronics & Communication Engineering/Electrical Engineering/Thermal Engineering/ Mechanical Engineering/Computer Science & Engineering / Information Technology/Robotics/Production Engg or equivalent from a recognized University.



## II. Shortlisting and Selection Procedure

(i) Admission to the Direct Ph.D. Program will be done on the basis of Research Aptitude Test (RAT) Examination or an interview or both.

(ii) Candidates with valid GATE score or other qualified equivalent National Exam will be exempted from RAT.

(iii) The RAT Examination shall be cleared with qualifying marks as 50%. A relaxation of 5% marks (from 50% to 45%) shall be allowed for SC/ST/OBC-NCL/EWS/Differently abled category in the RAT Exam.

(iv) The interview for selection of the candidates shall be conducted Department-wise by Selection Committees. Weightage shall be given to the following: -

- Prior background in research with skill certification courses, assistantships done, industry experience, technical skills and research projects undertaken in the relevant branch done at Bachelor's/Master's Program (as applicable).
- Exceptional interest in research with prior publications (SCI/SCIE/SSCI/Scopus indexed), conference presentations, or other academic/administrative work.
- Candidates having memberships of national/international Technical Societies (IEEE, CSI, ASME, ACM etc.).
- Letter(s) of Recommendation from Faculty advisors/Mentors during Bachelor's/ Master's Program (as applicable) would be desirable.

## III. Reservation Policy:

Reservation of seats for Scheduled Caste, Scheduled Tribe, Other Backward Classes (Non-Creamy Layer), EWS and Differently Abled candidates will be as per government rules.

## IV. Financial Assistance

The Research Scholars shall be eligible for a stipend of Rs. 10,000/- per month after completion of course work and gaining the credits as per point no. V. However, GATE qualified candidates would be eligible for the stipend as per the MHRD guidelines.

**V. Selection of JRF:** The University may provide financial assistance to few deserving Research Scholars and appoint them as Junior Research Fellow (JRF). Scholar shall be eligible for the fellowship after completion of course work (including the credits gained as per point no. V) with CGPA  $\geq 7.5$ , attendance  $\geq 75\%$  and successful approval of the Research Plan in the DRC.

## VI. Coursework Credits requirement:

- Students who will register for Ph.D. directly after a four-year Bachelor's Program will be pursuing M.Tech. 1<sup>st</sup> Year courses in the relevant branch at IGDTUW. The 46 credits earned will be equivalent to the Ph.D. Course work.
- Students who will register for Ph.D. directly after 1<sup>st</sup> year Master's degree program will have to undertake courses (compulsory/guide directed as required related to their broad research area) to gain total 46 credits as per Table-II (point VIII), to fulfill the academic requirements for obtaining M.Tech. degree.

## VII. Award of M.Tech. degree:

A student admitted in Ph.D. program after a 4-years Bachelor's degree/1<sup>st</sup> year Master's Degree can obtain an M.Tech. degree "in-between" as per NEP 2020, provided she completes the academic requirements for the same as given in Section VIII below. However, if the student who has taken admission directly after B.Tech., wishes to exit before minimum duration for award of M.Tech. degree, can do so after completion of course work credit requirement as per point no. V to obtain PG Diploma degree.

### VIII. Availing Exit Option in Direct Ph.D.

A Ph.D. student registered for the Direct Ph.D. Program may be allowed to exit from Direct Ph.D. Program on the recommendation of DRC and with the approval of the Competent Authority. Since this is a change of program to a lower degree, the student should satisfy the eligibility criteria of minimum credits earned for availing exit options and obtaining M.Tech./PG Diploma degrees given in Section VIII below. However, the option of obtaining PG Diploma degree is applicable only when the student is exiting from the PhD program without completing the requirements to obtain an M.Tech degree. If the Ph.D. student after obtaining M.Tech. wishes to leave the University without completing her Ph.D., she will be considered as having changed her program from Ph.D. to M.Tech. and will have to compensate by paying the difference between the Ph.D. and M.Tech fee to the University.

### VIII. Academic Requirements for obtaining M.Tech. degree during Direct Ph.D. Program

- a) The following table-I lists the minimum duration and maximum duration allowed in the Direct Ph.D. Program along with credit requirements for getting an M.Tech. degree “in-between”:

**Table II**

Program	Minimum Total Credits for award of M.Tech / PG Diploma	Total Credits earned through Course Work plus transferred credits, if any (Minimum)	Credits Through Research (Minimum)	Minimum duration for award of M.Tech. / PG Diploma
Direct Ph.D. (students with 4 years/ 8-semester B.Tech.)	81	46 (credits gained from M.Tech. first year courses)	35	Four semesters for M.Tech
	46	46	-	Two semesters for PG Diploma
Direct Ph.D. (students with 1st-year/2-semester M.Tech.)	81	46* (including the credits availed in M.Tech. 1st year)	35	Two semesters

*\*Credits transferred from the Institute from where the student has pursued M.Tech 1st year-The time span between completion of M.Tech. 1st year and when the student has applied for the award of M.Tech degree or availing exit option should not be more than three years. The student may take extension of 3-6 months at a time with DRC approval for earning the pending credits. Further extension may be granted in special cases.*

- b) The evaluation and assessment of credits through research (35 credits) shall be based on the existing CBCS-M.Tech. Scheme with research project track.



## IGDTUW-Junior Research Fellow (IGDTUW-JRF)

University may provide financial assistance as Junior Research Fellow (JRF) / Senior Research Fellow (SRF) to few Full Time Research Scholars registered in the Ph.D. Programme. The JRFs/SRFs shall be distributed on the basis of need across all departments. Program is being offered in the following disciplines subject to the availability of vacancy in the relevant research field:

### Fellowship Eligibility and Selection Procedure for Junior Research Fellow (JRF):

- i. A student who satisfies the Minimum Eligibility requirement as per the Ph.D. Regulation R 1.2.3 of IGDTUW and has been duly recommended by the Selection Committee to be appointed as Junior Research Fellow (JRF). Student shall be eligible for the fellowship after completion of course work with CGPA  $\geq 8.00$  and successful approval of Research Plan in the DRC.
- ii. A student who is a continuing Full-Time Research Scholar at IGDTUW and fulfills the Minimum Eligibility requirement of JRF at a later stage (vacancy created due to thesis submission of existing JRF/withdrawal cases etc.) is eligible for award of JRF provided DRC finds her Research Progress satisfactory and recommends her case for award of JRF.
- iii. Student shall be evaluated for total 100 Marks out of which 50 Marks shall be based on points claimed by the student based on her performance, and further scrutinized by DRC (based on supporting documents) as per IGDTUW guidelines and the rest 50 marks shall be awarded during the interview.

**Areas of Research and No. of Seats:** The Ph.D. Program is being offered in the following disciplines subject to the availability of vacancy in the relevant research field:

Department	Research Areas	*Tentative Seats for FT/PT
Computer Science & Engineering	Big Data Analytics, Speech Translation Systems, Opportunistic Mobile Networks, Artificial Intelligence, Web Technologies, Natural Language Processing, Fuzzy Database Management, Intelligent Computing, Natural Language Processing, Data Analytics, Computer Education, Embedded systems, Mobile Computing, Wireless Sensor Network, Real Time Systems, Data Mining, Algorithms, Data Science, Data Analytics, Sentiment Analysis & opinion Mining, Text Mining, Social Network Analysis, Fuzzy Theory, Information Security, Cyber Security, Image Processing, Video Retrieval, Image Retrieval, Machine Learning, Internet of Things, Computer Networks, Algorithms Design, Machine learning, Deep learning, soft computing, social media analytics, intelligent computing, big data analytics, social and semantic web.	17
Information Technology/ Computer Applications	Software Engineering / Software Testing, Software Project Management, Information Security, Secure Wireless Networks, Software Eng., Big Data Analytics, Cloud Computing, Business Intelligence, Software Reliability, Neural Networks, Data Communication Networks, Knowledge engineering and semantic web, Data analytics and machine learning, Natural language processing, graph theory, Service oriented wireless sensor networks, Edge and Fog computing, Data Aggregation in wireless sensor networks, Routing and MAC layer protocols for wireless sensor networks, Machine Learning, Pattern recognition, Image processing, Gait Analysis, Healthcare, Cryptography, Cyber Forensics, Cyber Security, IOT, Drone and AI: IoT Smart Board Design and Testing, Drone Design and Testing, AI Applications. Semiconductor Devices and Circuits: VLSI Design, Digital System Design, Flexible Electronics, Devices & Circuits Modeling, Simulation/Quantum Computing.	35
Artificial Intelligence & Data Science	AI, Speech Technology, Data Mining, Machine Learning, Wireless Sensor Network, IoT, Wireless Sensor Network, Network Security, Internet of Things Communication Protocols, Cloud and Fog Computing, Image and Video Processing, Language Processing, Data Analytics.	19

Electronics and Communication Engineering & Electrical Engineering (under ECE Department)	Optical Communication, Digital Signal Processing, Digital VLSI Design, Strategic MGT, Telecom MGT, VLSI, Analog, Mixed Mode Circuits and Systems Design, Embedded System, Computer Vision, Multimedia Security, Medical Image Processing, VLSI Design, Low Power CMOS Circuits and Analog Integrated Circuits, Micro Electronics, Designing of Fractional Order Differentiators and Integrators, Optimization of Operators, Evolutionary Algorithms, Digital Image Processing, Digital Signal Processing Machine Learning, Digital Image Processing (Medical), Big Data Analytic, Combinatorial optimization (Metaheuristic), Decision Science, Power Systems, Power Electronics, Control Systems, Electrical Engineering & Renewable Energy Sources.	23
Mechanical & Automation Engineering	Machine Design Engineering, Tribology Fluid Film Bearing, FEM Computation Engineering, Vibration, Alternate Fuels in IC Engines, Composite Material, Robotics & Automation, Manufacturing & Automation, Production and Automation Engineering, Prosthetics, Thermal Science and Engineering, Thermal Power Plant, Refrigeration and Air- Conditioning, Tribology, Applied Mechanics, Green Manufacturing, Mechanical Engineering, Automation, Tribology of fluid film bearings, Robotics and Automation, Production Engineering and Management, Flexible Manufacturing Systems, Composite Materials, Industrial Engineering and Project Management. Biomaterials, Biomedical Devices, Polymers, Polymer Processing, Composites and Scaffolds, Industrial Engineering, Manufacturing Automation, green Manufacturing and Supply Chain, Energy and Environment, Circular Economy and Industry 4.0	29
Applied Science & Humanities (Physics, Chemistry, Mathematics, English)	Atmospheric Sciences (carbonaceous aerosols, organic compounds and trace gases), Nano-composites for waste water treatment, Green Corrosion Inhibitors, Nanotechnology, Nano materials, Thin Film Technologies, Applied Optics, Digital Image Processing, Optical Information Processing, Panoramic and 3-D Imaging, Materials Science, Nano-science and Nanotechnology.	Physics: 14 Chemistry: 7 Mathematics: 07
Department of Architecture and Planning	<b>Urban planning:</b> Infrastructure Planning, Sustainable Planning, Governance, Gender sensitive planning, Inclusive planning, Smart cities <b>Architecture:</b> Architectural Pedagogy, Digital architecture, Sustainable architecture, Intelligent Buildings, Gender specific Architecture	08
Department of Management	Supply Chain Management, Green SCM, Operation Management, TQM/TPM/JIT, Quality Management, Artificial Intelligence & Machine Learning, Financial Management & Modeling, Marketing Management, Retail Management	09
Ph.D. (English)	Feminist & women's studies, Partition studies, Diaspora, Cultural studies.	01
	<b>Total</b>	<b>169</b>

**No. of seats and Research Areas are tentative and may vary depending upon the desired research area of the applicant and availability of seat with the supervisor.**

## Admission Procedure

Admission to the Ph.D. Program will be common to the two categories (Full time and Part Time) of applicants.

- 1) Admission shall be made on the basis of a written Test viz. RAT followed by an interview.
- 2) The RAT Examination shall be qualifying only with qualifying marks as 50%. A relaxation of 5% marks (from 50% to 45%) shall be allowed for SC/ST/OBC/Differently abled (PD) category to qualify the RAT Exam.
- 3) The syllabus of the RAT examination shall consist of 50% of Research Methodology and 50% subject specific. (Please refer [www.igdtuw.ac.in](http://www.igdtuw.ac.in))
- 4) The application fee of Rs. 1000/- deposited by the applicants is Non-Refundable.
- 5) The RAT examination shall be waived off for the following applicants subject to the fulfilment of eligibility qualifications, and such applicants shall be allowed to appear in the interview directly:
  - a. Full-Time female teaching staff (Faculty) of IGDTUW.
  - b. Sponsored applicants from organizations having MOU with the University.
  - c. Applicants who have qualified UGC-CSIR-JRF/NET Or have qualified GATE with a score above the minimum cut-off and successfully completed requisite Master's degree.
  - d. Foreign students who apply through Ministry of Human Resource Development or foreign.
- 6) The exempted category applicants as per point (5), in a subject will not be required to appear for the RAT exam.
- 7) The RAT shall be conducted in the following disciplines:
  - a. Electronics and Communication Engineering (ECE)
  - b. Computer Science / Information Technology/ Computer Applications/AI & DS
  - c. Mechanical & Automation Engineering
  - d. Chemistry
  - e. Physics
  - f. English
  - g. Electrical Engineering (under the Department of Electronics and Communication Engineering)
  - h. Architecture and Planning
  - i. Management
- 8) The Syllabi and other related details of the RAT Examination are available on the University website.
- 9) All applicants taking admission in the Ph.D. Program shall be bound by the Ph.D. Ordinances and Regulations of the IGDTUW
- 10) The applicants shortlisted for interview are required to discuss their research interest/ area during the interview. The interview shall also consider the following aspects viz. whether:
  - a. The person should possess the competency for the proposed research.
  - b. The research work can be suitably undertaken at the University.
  - c. The proposed area of research can contribute to new/ additional knowledge.

## Financial Assistance

- 1) A stipend of Rs 10,000/- per month will be given to all Full-time Research Scholars for a maximum period of five years or till completion of their Ph.D., whichever is less. The Research Scholars would also assist in Academic/Administrative works in their respective Departments apart from their Research work.

**Please refer** <https://www.igdtuw.ac.in/pdfs/Guidelines%20for%20Financial%20assistance%20to%20Full%20Time%20PhD%20scholars.pdf> for more details.

- 2) The University may provide financial assistance to few Full-Time Research Scholars with good teaching skills and appoint them as Junior Research Fellow (JRF) / Senior Research Fellow (SRF) as per UGC norms.

- These fellowships shall be distributed on the basis of need across all departments by Dean (R&C) in consultation with the Vice Chancellor.
- The Terms and Conditions of the fellowship may be amended from time to time.
- All provisions of the prevailing Ph.D. Ordinance of the University shall be applicable on the JRF/SRF and allocated Supervisor(s).

## 3) FELLOWSHIP AMOUNT

S.No.	IGDTUW Fellowship for program Ph.D.	Fellowship (per month)
1.	IGDTUW - Junior Research Fellow (JRF)	Rs. 31000/- + HRA
2.	Full Time Ph.D. Scholars	Rs. 10,000/-

\* The Terms & Conditions for IGDTUW-JRF are available on the University website.

- 1) **In our University to boost the research aspects and promote good quality research papers for publication in reputed Journals, cash awards are given to the researchers in the recognition of importance of their published research work and to motivate individual excellence in research. The award is granted for the Journal papers published in Science Citation Index (SCI) or SCI expanded or SCOPUS.**

**Tuition Fee Waiver:** The regular female academic staff of the Indira Gandhi Delhi Technical University for Women may apply for 50% tuition fee waiver.

**Reservation/Relaxation for Ph.D Program:** Reservation of seats for Scheduled Caste, Scheduled Tribe, OBC-NCL, EWS and Differently Abled (PD) applicants will be as per Government rules.

S.No.	Category	Percentage of Reservation	Remarks
1.	Scheduled Caste (SC)	15 %	
2.	Scheduled Tribes (ST)	7.5 %	
3.	Other Backward Class Non-Creamy Layer (OBC-NCL)	27 %	
4.	Economically Weaker Section (EWS)	10 %	
5.	Differently Abled Person (PD) Sub-Category	5 %	In each category General, EWS, SC, ST and OBC-NCL

**Seat Matrix for Ph.D. (Full Time/Part-Time)**

**Tentative seat matrix for the Ph.D. Program Admissions for the Winter Session of AY:  
2024-25**

<b>Program</b>	<b>*Tentative Vacant seats for FT/PT</b>	<b>GEN</b>	<b>SC</b>	<b>ST</b>	<b>OBC (NCL)</b>	<b>EWS</b>
<b>Ph.D. (CSE)</b>	17	07	03	01	05	01
<b>Ph.D. IT/Computer Application</b>	35	13	05	03	10	04
<b>Ph.D. (AI &amp; DS)</b>	19	08	03	01	05	02
<b>Ph.D. (ECE)</b>	23	09	04	02	06	02
<b>Ph.D. (MAE)</b>	29	12	04	02	08	03
<b>Ph.D. (Architecture &amp; Planning)</b>	08	03	01	01	02	01
<b>Ph.D. (Management)</b>	09	04	01	01	02	01
<b>Ph.D. (Physics)</b>	14	06	02	01	04	01
<b>Ph.D. (Chemistry)</b>	07	03	01	01	02	00
<b>Ph.D. (Maths)</b>	07	03	01	00	02	01
<b>Ph.D. (English)</b>	01	01	00	00	00	00
<b>TOTAL</b>	<b>169</b>	<b>69</b>	<b>25</b>	<b>13</b>	<b>46</b>	<b>16</b>

*\*Note: No. of seats are tentative and may vary depending upon the desired research area of the applicant and availability of seat with the supervisor.*



**Fee Structure**

S.No.	Particular	Fee in AY 2024-25
1.	Tuition Fee	19,000
2.	<b>Non Govt. Component</b>	
2.1.	Student Welfare	7,000
2.2.	Facilities and Services Charges	4,000
2.3.	Examination Fee	3,000
	<b>Grand Total</b>	<b>33,000</b>

**Note: - In addition to above fee structure, the following fee are also required to be paid at the time of admission in all programs: -**

**(i) Security Deposit (Refundable) : - Rs. 5,000/-**

**(ii) One Time Alumni Fee : - Rs. 2,000/-**

**(iii) Hostel and Mess fee, if applicable, will be paid separately.**

**AGE CRITERIA :** For admission to Ph.D. program there is no minimum & maximum age criteria.

**COUNSELLING SCHEDULE:** Detailed schedule of first counselling/admissions indicating the number of qualified applicants for different programs, to be called for counselling will be notified on the website ([www.igdtuw.ac.in](http://www.igdtuw.ac.in)).

If an applicant does not attend the counselling she will have no claim on the seat already allotted to the applicant. The waitlist will be executed supervisor wise, only if the selected candidate of the respective supervisor does not report the university on day of counselling.

Applicants are advised to check the website ( [www.igdtuw.ac.in](http://www.igdtuw.ac.in) ) regularly for updates. No separate communication will be sent.

**ANTI RAGGING POLICY :** The University adopts Zero Tolerance policy on ragging. Ragging is completely banned on the campus. Ragging in any form is strictly prohibited within the premises of the University campus and hostel. The University shall severely punish the student found indulged in ragging.

**WITHDRAWAL OF ADMISSION :** The students admitted in Ph.D. program may apply for withdrawal of admission (if she desires) and her case for refund of fee will be handled as per UGC notification.

**Scholarship and Financial Assistance**

- IGDTUW JRF/SRF monthly Fellowship of Rs. 38,440/- and Rs. 43,400/- respectively.
- All Full Time Ph.D. Scholars for receive monthly stipend of Rs. 10,000/-
- Attractive research options for Dual Ph.D. Program with International Universities.
- Attractive Cash prizes and Awards for Research Paper and Patent upto Rs. 5,00,000/-

*For further guidelines, candidates are advised to visit the university website regularly*

## HOW TO APPLY

### Important Guidelines for filling PG and Ph.D. Application

Please read the instructions given in the Admission Brochure regarding various Courses of IGDTUW carefully before filling up the application form.

**STEP 1:** Kindly ensure that the following documents are ready before filling the online application form:

*Note: Image (Photo & Signature) size limit is 500KB and other documents must be uploaded in PDF with size limit of 2MB for each.*

<b>ESSENTIAL- Documents need to be uploaded on IGDTUW Admission Portal</b>	
1	Date of Birth Certificate or the High School (class X) Certificate with Date of Birth(in single PDF)
2	Class XII or equivalent marksheet. (in single PDF)
3	Consolidated Marksheet (for Graduation Degree) (scanned both sides in single PDF) OR Marksheets of all the years/semesters for Graduation Degree, for result awaited candidates (scanned both sides in single PDF)
4	Consolidated Marksheet for Post-Graduation Degree (If applicable) (scanned both sides in single PDF) OR Marksheets of all the years/semesters for Post-Graduation Degree (If applicable), for result awaited candidates (scanned both sides in single PDF)
5	GATE score card /JRF / NET CERTIFICATE (PDF) (if applicable)
6	Certificate/s for Reserved Category's applicable for SC/ST/OBC-NCL /KM/ PD / CW/EWS. (If applicable) Candidates belonging to OBC-Non-Creamy Layer & EWS will be required to submit the Certificate issued on or later than 1st April 2024(PDF)
7	ID. proof Aadhar Card/Driving License/Voter ID/Pan Card (in single PDF)
8	Work Experience Certificate for Part-Time Applicants (in single PDF) (Only for Ph.D. Applicants)
9	No Objection Certificate (NOC) from the current employer (PDF) (Only for Part-Time Ph.D. Applicants)
10	CoA (Council of Architecture) registration certificate of CoA Approved program (in case of B.Arch.) Temporary Registration number from COA. (PDF) (Only for M. Plan.)
11	Scanned coloured photograph (only in JPEG, PNG)
12	Digital/scanned copy of signature (only in JPEG, PNG)
13	NIMCET (Common Entrance Test) scorecard (if applicable) only for MCA Applicants (scanned on both sides in single PDF)
14	Proof of CGPA conversion to Percentage (PDF) (if applicable)

<b>NON-ESSENTIAL- Documents may need to be uploaded on IGDTUW Admission Portal</b>	
1.	An Affidavit in case of change of name after marriage. (PDF) (if applicable)

#### Step 2:

Candidates must follow the following steps for filling online application through admission portal on University website : [www.igdtuw.ac.in](http://www.igdtuw.ac.in)



### **STAGE-I: [Personal Details](#)**

- Enter the correct credentials for Personal Details (Name, DOB & Email ID etc.), Reservation Category (if applicable), and Correspondence/Permanent Address while registering to the IGDTUW PG Admission portal.
- The site does not offer automatic saving of the data. The data on a page gets saved once you click on the "Save & Next" or "Save as Draft" button provided in every page.

### **STAGE-II: [Course Details](#)**

- Select Department/Course in which you need to apply and proceed with the form of that course
- In case you want to apply in more than one course then you need to submit a separate application for each course and pay separate application fee additionally.

### **STAGE-III: [Academic Details](#)**

- Please fill "Qualifying Degree Details" as per eligibility criteria of the course you are applying for.
- You may fill "Qualifying Test Details" (GATE/CET/ CSIR or UGC-NET/CSIR or UGC-NET-JRF etc.) if it is applicable on you.
- Please fill "Previous Education Details" with details of marks at secondary and higher secondary level.

### **STAGE-IV: [Experience Details](#) (if applicable)**

- Please give details of Designation, Roles & Responsibilities and Duration of Work Experience.
- In case you want to add details of more previous records for employment indicating multiple employers, you need to click on the "+" button shown on the page.

### **STAGE-V: [Document Upload Details](#)**

- Refer to the Section "Documents need to be uploaded on IGDTUW Admission Portal" given in Admission Brochure. Please ensure the documents enlisted there are ready before filling the online application form.
- Photo & Signature must be uploaded in JPEG / PNG formats with size limit up to 500 KB. Other relevant documents must be uploaded in PDF with size limit up to 2 MB for each.

### **STAGE-VI: [Online Application Fee Payment](#)**

- After successfully completing STAGE-I to STAGE-V, the candidate needs to pay the fees online. Applications without the payment will be rejected. The bank charges if any will have to be borne by the candidate.
- A print button is provided to save a PDF copy of the application form. After making the payment, please make sure that the "Payment Status" is complete.
- Save the PDF copy of complete application form with you for future reference/communications. Candidate need not send the hard copy or print out of the application form to University.

## GENERAL INSTRUCTIONS FOR APPLICANTS

1. The candidates are advised to read each and every instruction given in the Admission Brochure very carefully before applying Online.
2. Mere possession of eligibility condition does not entitle the candidates for admission.
3. University reserves the right to restrict the number of candidates to be called for Ph.D. interview to a reasonable number, on the basis of qualifications, result of RAT Exam and/or experience etc.
4. All entries should be carefully made while applying online. University will not be responsible for wrong entries. Candidates shall be sole responsible for the correctness and authenticity of the information/ documents provided in the online application.
5. Eligibility of candidate with regard to qualification & experience shall be calculated / considered with reference to last date of the online application.
6. Candidates must fill/enter their CGPA or percentage of marks as applicable as issued by their Institute/College/University.
7. Online application submitted by the candidates shall be considered final and binding. Requests for making correction in the online application shall not be entertained.
8. Please follow the Formats given in “Recent Notices” section for different certificates (as applicable). Applicants should upload Annexure E/Annexure F/Annexure G (whichever is applicable) in absence of any essential document.  
(whichever is applicable) in absence of any essential document.
9. Description of all the Annexures is enlisted below:

1. Annexure A - EWS.
2. Annexure B- Certificate for PD.
3. Annexure C- Certificate for candidates who are appearing in final semester/year examination of qualifying degree.
4. Annexure D- Self-declaration/undertaking by required from applicants who have not submitted the latest OBC-NCL caste certificate issues after 31st March 2024.
5. Annexure E- Self-declaration/undertaking required from applicants who have not submitted any of the essential document(s).
6. Annexure F- Medical fitness certificate.
7. Annexure G- Format for Employer's No Objection Certificate.
8. Annexure H- Form for withdrawal of admission.



## Annexure “A”

### INCOME & ASSEST CERTIFICATE TO BE PRODUCED BY ECONOMICALLY WEAKER SECTIONS

Certificate No \_\_\_\_\_ Date \_\_\_\_\_

VALID FOR THE YEAR \_\_\_\_\_

1. This is to certify that Shri/Smt./Kumari \_\_\_\_\_ son/daughter/wife of \_\_\_\_\_ permanent resident of \_\_\_\_\_, Village/Street \_\_\_\_\_ Post \_\_\_\_\_ Office \_\_\_\_\_ District \_\_\_\_\_ in the State/Union Territory \_\_\_\_\_ Pin Code \_\_\_\_\_ whose photograph is attested below belongs to Economically Weaker Sections, since the gross annual income of his/her family is below Rs. 8 lakh (Rupees Eight Lakh only) for the financial year \_\_\_\_\_.

His/her family does not own or possess any of the following assets:

1. Residential flat of 1000 sq. ft. and above;
2. 5 acres of agricultural land and above;
3. Residential plot of 100 sq. yards and above in notified municipalities;
4. Residential plot of 200 sq. yards and above in. areas other than the notified municipalities.

2. Shri/Smt./Kumari \_\_\_\_\_ belongs to the \_\_\_\_\_ caste which is not recognized as a Scheduled Caste, Scheduled Tribe and Other Backward Classes (Central List)

Signature with seal of Office \_\_\_\_\_

Name \_\_\_\_\_

Designation \_\_\_\_\_

Recent Passport  
size attested  
photograph of the  
applicant

**Note 1:** Income covered all sources i.e. salary, agriculture, business, profession, etc.

**Note 2:** The term “Family” for this purpose include the person, who seeks benefit of reservation, his/her parents and siblings below the age of 18 years as also his/her spouse and children below the age of 18 years

**Note 3:** The property held by a “Family” in different locations or different places/cities have been clubbed while applying the land or property holding test to determine EWS status.

## Annexure “B” CERTIFICATE FOR PERSON WITH DISABILITY

**To be issued by Medical Board from Government Hospital**

Name of the candidate: Ms. \_\_\_\_\_

Father's Name: \_\_\_\_\_

Permanent Address: \_\_\_\_\_

Percentage loss of earning capacity (in words): \_\_\_\_\_

Whether the candidate is otherwise able to carry on the studies and perform the duties of an engineer/architect satisfactorily: \_\_\_\_\_

Name of the disease-causing handicap: \_\_\_\_\_

Whether handicap is temporary or permanent: \_\_\_\_\_

Whether handicap is progressive or non-progressive: \_\_\_\_\_

The candidate is FIT / UNFIT to pursue further studies.

Recent  
Passport size  
attested  
photograph  
of the  
applicant

Principal Medical Officer

Date: \_\_\_\_\_

Seal of Office

Government of \_\_\_\_\_  
(Name & Address of the authority issuing the certificate)

### NOTE:

Candidate having temporary or progressive handicap will not be considered against these seats.

## Annexure “C”

### CERTIFICATE FOR APPEARING IN FINAL SEMESTER/YEAR EXAMINATION

(Required from candidates who are yet to appear in the qualifying examination)

In \_\_\_\_\_ connection with the application of

Ms. \_\_\_\_\_ for admission to PG/Ph.D.

programmes at Indira Gandhi Delhi Technical University for Women, Delhi, Hereby

certify that she is a bonafide student of our institution. She is yet to complete the

requirements of qualifying examination including Theory, practical project examination

and back paper (s)/supplementary(ies) for B.E/B.Tech/B.Arch./M.Sc./Others

\_\_\_\_\_ which is to be scheduled later (Strike out the non-

Applicable ones and write in the blank space if the degree is not mentioned).The

percentage of aggregate marks/CGPA obtained by her up to pre-final year/semester

is \_\_\_\_\_. Her conduct and character during her stay at the University

has been “ GOOD”

**Place :** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Signature if the Principal/Dean/Registrar  
Dy. Registrar/Proctor/Administrative Office**

### UNDERTAKING BY THE CANDIDATE REGISTERED WITHOUT PRODUCTION OF PROOF OF PASSING THE QUALIFYING EXAMINATION/APPEARED IN THE BACKPAPER(S) /SUPPLEMENTART(IES) TILL DATE OF REGISTRATION

I \_\_\_\_\_

daughter/ward of Ms. \_\_\_\_\_ hereby give an

undertaking that I have appeared in all the examination including

practical(s)/project/backpapers/ supplementary(ies) before the date of registration

and only the result is awaited which is likely to be declared by \_\_\_\_\_.

**Place:**

**Date:**

**Signature of Student**

**Name of Student:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**Contact no:** \_\_\_\_\_



## Annexure “D”

### SELF-DECLARATION/UNDERTAKING BY STUDENT

(Required from candidates who have not submitted latest OBC-NCL caste certificate)

I, Ms. \_\_\_\_\_ D/o: \_\_\_\_\_  
 Application Reference No. \_\_\_\_\_ Mobile No: \_\_\_\_\_  
 \_\_\_\_\_ applied for PG/Ph.D. Course  
 \_\_\_\_\_ for  
 Session \_\_\_\_\_ Year \_\_\_\_\_ of Indira Gandhi Technical  
 University for Women, Kashmere Gate, Delhi-110006 do hereby undertake the  
 following:

1. I, hereby, declare that, the entries made by me in the Application Form for availing reservation in OBC-NCL category are complete and true to the best of my knowledge and based on records.
2. I, hereby, undertake to present the original documents immediately upon demand by the concerned authorities of the University.
3. I acknowledge that, the Indira Gandhi Technical University for Women has the authority for taking punitive actions against me for violation and/or non-compliance of the same.
4. I, further declare that, my admission may be cancelled, at any stage, if I am found ineligible and/or the information provided by me are found to be incorrect.

**Place:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Signature of Student**

### DECLARATION BY PARENT/ GUARDIAN

I \_\_\_\_\_ (Mother / Father / Guardian)  
 hereby fully endorse the above undertaking/declaration given by my child/ward. And  
 I will endeavour to induce my child/ward to do her best to observe the above stated  
 undertaking in words and spirit.

**Place:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Signature of Mother / Father / Local Guardian**



## Annexure “E”

### SELF-DECLARATION/UNDERTAKING BY STUDENT

(Required from candidates who have not submitted any of the Essential document(s))

I, Ms. \_\_\_\_\_ D/o: \_\_\_\_\_  
 Application Reference No \_\_\_\_\_ Mobile No: \_\_\_\_\_ applied  
 for PG/Ph.D. Course \_\_\_\_\_ for  
 Session \_\_\_\_\_ Year \_\_\_\_\_ of Indira Gandhi Technical University  
 for Women, Kashmere Gate, Delhi-110006 do hereby state that I haven't submitted the  
 following essential document(s) needed to be uploaded on IGDTUW Admission Portal ( **Place  
 a tick mark on the items you haven't submitted**) :

<input checked="" type="checkbox"/>	Name of the Essential Document
	Date of Birth Certificate or the High School (class X) Certificate with Date of Birth
	Class XII or equivalent marksheet.
	Consolidated Marksheet (for Graduation Degree) <b>(scanned both sides)</b> <b>OR</b> Marksheets of all the years/semesters for Graduation Degree, for result awaited candidates <b>(scanned both sides )</b>
	Consolidated Marksheet for Post-Graduation Degree <b>(If applicable)(scanned both sides )</b> <b>OR</b> Marksheets of all the years/semesters for Post-Graduation Degree <b>(If applicable)</b> , for result awaited candidates <b>(scanned both sides )</b>
	GATE score card / JRF / NET CERTIFICATE <b>(if applicable)</b>
	Certificate/s for Reserved Category as applicable for SC / ST/ OBC-NCL / KM / PD / CW / EWS. <b>(If applicable)</b> Candidates belonging to OBC-Non-Creamy Layer & EWS will be required to submit the Certificate issued on or later than 1st April 2023
	ID. proof Aadhar Card/Driving License/Voter ID/Pan Card
	Work Experience Certificate for Part-Time Applicants <b>(Only for Ph.D. Applicants)</b>
	No Objection Certificate (NOC) from the current employer <b>(Only for Part-Time Ph.D Applicants)</b>
	CoA (Council of Architecture) registration certificate of CoA Approved program (in case of B.Arch.) Temporary Registration number from COA. <b>(Only for M. Plan.)</b>
	NIMCET scorecard (if applicable) <b>only for MCA Applicants (scanned on both sides )</b>
	Proof of CGPA conversion to Percentage <b>(if applicable)</b>

**Place:** \_\_\_\_\_

**Date:** \_\_\_\_\_

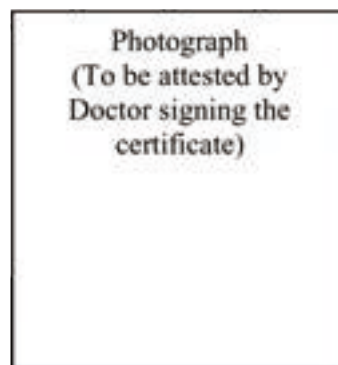
**Signature of Student**

## Annexure “F”

### Medical Fitness Certificate

(To be signed by a registered medical practitioner holding a Medical Degree)

The certificate must be from the Medical Officer or any rank above it from any Central/State Government Hospital/Dispensary/Medical College must be brought by the candidate at the time of admission/as mentioned in IGDTUW Admission 2024-25 instructions.



I certify that I have carefully examined Ms. \_\_\_\_\_ daughter of Shri \_\_\_\_\_ whose signature is given below. Based on the examination, I certify that she is in good mental and physical health and is free from any physical defects which may interfere with his/her studies including the active outdoor duties required of a professional.

Marks of Identification \_\_\_\_\_

Signature of the Candidate \_\_\_\_\_

Place:

Date:

Name & signature of the Medical  
Officer with seal and registration  
number

## ANNEXURE “G”

### FORMAT FOR EMPLOYER’S NO OBJECTION CERTIFICATE

(To be issued on the Letter Head of the current Employer)

This is to certify that Ms. \_\_\_\_\_  
D/O \_\_\_\_\_ working \_\_\_\_\_ as  
\_\_\_\_\_ in the department of  
\_\_\_\_\_ from  
\_\_\_\_\_ to \_\_\_\_\_ is an  
employee of our Department/Organization. Her total work experience is  
\_\_\_\_\_ Years and \_\_\_\_\_ Months. We have no  
objection to her joining in Ph.D (Part-Time) Degree Program at IGDTUW. She  
will be relieved from her duties as per the requirements of her Degree Program.

Signature  
(Head of Institution)

## ANNEXURE “H”

### FORM FOR WITHDRAWAL OF ADMISSION

- 1) Branch & Department \_\_\_\_\_
- 2) Name of the Candidate \_\_\_\_\_
- 3) Parent's/ Guardian Name \_\_\_\_\_
- 4) Communication Address \_\_\_\_\_
- \_\_\_\_\_
- 5) Telephone \_\_\_\_\_ Mobile \_\_\_\_\_
- 6) Email Address \_\_\_\_\_
- 8) Category / Sub Category \_\_\_\_\_

#### Bank Account Details

Name of the Bank Account Holder \_\_\_\_\_

(in favour of whom Bank Transfer is to be made)

Relationship of the Bank Account Holder with the Candidate \_\_\_\_\_

Ban Details of above person to be furnished in the given format :

Name of the Bank	Address of the Bank	Complete Bank Account No.	IFSC CODE of the Bank

#### UNDERTAKING

We understand and know the refund rules of the University and agree to abide by the same and we further understand that the refund would be made in due course of time through bank transfer only as per above request.

(Signature of Parents/Guardian)

Date : \_\_\_\_\_

(Signature of Student)

## HELPDESK

For any technical query, please email: [noreply@igdtuw.ac.in](mailto:noreply@igdtuw.ac.in)

In case candidate is not satisfied or needs any additional assistance, she may contact

Prof. A.K. Mohapatra  
Admission Officer (PG and Ph.D. Courses),  
HOD (IT Department),  
IGDTUW, Kashmere Gate,  
Delhi –110006.  
[Email ID: pgphdadmissionofficer@igdtuw.ac.in](mailto:pgphdadmissionofficer@igdtuw.ac.in)

Dr. Deepak Kumar Sharma  
Ph.D. Admission Coordinator  
[Email ID: phdadmissions@igdtuw.ac.in](mailto:phdadmissions@igdtuw.ac.in)

For more details, please refer FAQs on Admission Portal.

**NOTE:**

- (i) The University reserves the right to amend the rules and regulations, whenever and wherever considered necessary and appropriate, in view of the requirements/ Govt. Policy Decisions coming time to time. Such amendments will be intimated to the students through University portal. The students are advised to regularly keep on checking the University website for changes time-to-time.([www.igdtuw.ac.in](http://www.igdtuw.ac.in))
- (ii) The University disclaims liability for loss or damage of whatever nature And extent resulting directly or indirectly for not following Rules/Regulations/Directions/ Policy etc. circulated by the University on website and Admission Brochure.
- (iii) Students submitting the admission form of any course to University are assumed to have read the rules and policies related to eligibility, provisional admission, cancellation of admission and refund of fees etc. and disclaimers mentioned above and agree to the same, as mentioned in the admission Brochure.
- (iv) It will be the responsibility of the applicant to prove equivalence of degree and/or validity of reservation document as the case may be.
- (v) This admission brochure is only for information and guidance of Candidates seeking admission. The contents are likely to change without notice. This does not constitute to be a legal document.
- (vi) The admission of a student is liable to be cancelled and the fee deposited by the student shall be forfeited on being found, ineligible or unfit for admission or if any of the document submitted by her is found false or incorrect at any stage of admission process or course

**DISCLAIMER:** This admission brochure is only for information and guidance of candidates seeking admission. The contents are likely to change without notice. This does not constitute to be a legal document. All possible care has been taken to compile the information correctly in the Brochure. However, in case of any inadvertent errors/displacements, the official version of the University and Government Authorities shall be final.





# **INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN**

**NAAC A+ Accredited University**

**Kashmere Gate, Delhi - 110006**

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