

Indira Gandhi Delhi Technical University for Women

Kashmere Gate, Delhi-110006

(ISO 9001:2015 Certified University)



***PROMOTION OF RESEARCH AND
DEVELOPMENT AT IGDTUW***

COMPENDIUM OF GUIDELINES

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Introduction

The University is on a 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 needs of our 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.

Research at the University

IGDTUW's strategy sets out the University's overall direction and emphasizes to promote environment of research for new budding women researchers in new sun-rising disciplines with following research goals:

- IGDTUW's research is to lay the foundations for a unique education culture and new ways of learning, an innovation culture that cultivates and promotes entrepreneurship, spin-outs, and corporate innovation, and on the basis of academic freedom and independence deliver and develop scientific advice and decision-support systems for the benefit of national and international authorities, private organizations and enterprises.
- IGDTUW has the capacity, scientific capability and leadership necessary to continuously create and develop excellent research environments. Within their respective primary disciplines and fields of interest, IGDTUW's departments are able to develop and maintain research environments. Within the framework of the traditions and best practices, IGDTUW will further develop its interaction and field of influence with related Sciences and problem areas, and will apply significant research strength to lay the foundations for technologies and processes that promote innovation and sustainability, and also address major societal challenges.
- IGDTUW's research will interact internationally with leading private and public research centers and facilitate increased participation in major transnational research projects and consortia.

The Major Thrust areas of Research at the University are:	
• Artificial Intelligence	• Data Communication
• Big Data Analytics	• Cryptography
• Speech Translation Systems	• Cyber Security & Cyber Forensics
• Web Technologies	• Optical Communication
• Fuzzy Database Management	• Digital Signal & Image Processing
• Wireless Sensor Network	• VLSI Design

• Machine Learning	• Embedded System
• Internet of Things	• Medical Image Processing
• Algorithms Design	• Renewable Energy Resources
• Information Security	• Microelectronics
• Secure Wireless Networks	• Radio Frequency Circuits
• Clouding Computing	• Mathematical Programming
• Business Intelligence	• Allocation Problems
• Nanomaterial Fabrication & Engineering	• Data Aggregation in wireless sensor networks
• Thin Film Technologies	• Applied Optics
• Analog Integrated Circuits	• Thermal Science & Engineering
• Evolutionary Algorithms	• Green Manufacturing
• Biomedical Engineering	• Bio-Composite Material
• Power Electronics	• Polymers
• Machine Design Engineering	• Atmospheric Sciences
• Tribology	• Panoramic & 3-D Imaging
• Composite Material	• English Literature
• Robotics & Automation	• Communication Studies

In the recent past, IGDTUW has witnessed a greater focus on building research facilities & research temperament among students, scholars & faculty members. The University vows to devise sustainable systems and state-of-the-art infrastructure to enable Indian women to dawn the role of future leaders, managers, researchers, and productive team players in the fields of Engineering, Technology, Science, Architecture, and Management.

The Industrial Research and Development Cell (IRD) is a special Unit set up to act as an interface between funding agencies and the University to handle sponsored research projects and industrial activities. The IRD Cell of the University supports the research efforts of all students and Faculty Members, provides mentoring, facilitates and fosters industrial collaboration and identifies and disseminates research opportunities and collaborations. It also provides administrative and managerial support for the operation of sponsored research, industrial consultancy and other R&D related activities of the Institute. The Institute has expertise in various research areas to provide knowledge and intellectual inputs which are of interest to the industry. Many new laboratories have been added in various departments. Faculty members are working on various research projects funded by DST, MHRD, MCIT, Meity, etc., which have added value to their research, technology and innovation.

IGDTUW provides an excellent environment for Researchers and looks forward to contributions from Faculty members and students in extending this culture for research. It also support and facilitate partnerships, networking, and collaborations with other academic and research Institutions, industries and organizations.

The University aims to improve the overall research performance and promote research activities undertaken by the students of the University. The Research and Consultancy Wing of the University promotes research excellence to achieve 3Ps (Product, Patents, and Publications) and nurture a research environment for quality research and encourages innovation and new ideas to integrate research with evolving technologies for novel applications. It helps to disseminate research findings to the scientific and industrial communities.

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:

- JRF/SRF Scheme for Ph.D. Scholars.
- 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.
- Research Awards/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.

MESSAGE

“Anyone who is satisfied with what has been achieved yesterday has not done anything today”. We must constantly push ourselves to set new goals and achieve greater heights. In fact, every goal we achieve should lead us to a new challenge. With this spirit and our constant endeavour to impart value based quality education, it is our pleasure to have you at IGDTUW. The aim of the Institute is not only to produce good women engineers who excel academically, but also help in widening the perspectives and awakening intellectual curiosity within them.



“To accomplish great things, we must not only act, but also dream; not only plan, but also believe”. The faculty members and students of IGDTUW have a passionate commitment to maintain high standards of excellence in research and academics, which is reflected by the large number of publications in international journals and conferences. The faculty members have also actively pursued research in their respective fields of interest by undertaking R&D projects funded by DST, MHRD, Nokia, Intel, Microsoft, MEITY, MCIT etc.

"Research is a process of discovery and continuous learning. It is an intensive activity, but extremely fulfilling". The PhD program at IGDTUW is designed to encourage cutting edge research enabling the candidates to grow in their professional and academic career. The research excellence at IGDTUW aims to incubate new ideas, encourage innovation and research work integrating evolving technologies to develop novel applications and processes. IGDTUW offers admission to female candidates in the PhD program twice in a year, commencing in January and August.

The Office of Dean, Industrial Research & Development and Research & Consultancy supports the research efforts of all students and Faculty Members, provides mentoring, facilitates and fosters industrial collaboration and identifies and disseminates research opportunities and collaborations. IGDTUW provides an excellent environment for Researchers and looks forward to your contribution in extending this culture for research.

Prof. Ranu Gadi
Dean (Research & Consultancy)
Dean (Research & Development)

RESEARCH & DEVELOPMENT CELL

1. INTRODUCTION

The University is on a mission to promote high-quality scientific research and strengthen the research ecosystem, aligned with the provisions of NEP-2020. Research is of utmost importance for both the economic and social development of a nation. Societal challenges of our country can only be addressed with an emphasis on research, innovation and technology development, especially based on usefulness to society, relevance to business, and sustainability. To accomplish this goal, the University Grants Commission (UGC) has proposed the establishment of the 'Research and Development Cell' in Higher Education Institutions.

The Industrial Research and Development Cell (IRD Cell) at IGDTUW was established in 2017 to act as an interface between funding agencies and the University to handle sponsored research projects and industrial activities. The IRD Cell of the University supports the research efforts of all students and Faculty Members, provides mentoring, facilitates and fosters industrial collaboration and identifies and disseminates research opportunities and collaborations. It also provides administrative and managerial support for the operation of sponsored research, industrial consultancy and other R&D related activities of the Institute.

The overall framework of the 'Industrial Research and Development Cell' at IGDTUW is in accordance with the UGC guidelines for the establishment of 'Research and Development Cell' in Higher Education Institutions.

Thus, 'Industrial Research & Development Cell' (IRD Cell) at Indira Gandhi Delhi Technical University for Women has been renamed as 'Research and Development Cell' (R&D Cell) as per the mandate of UGC for implementation of NEP-2020 at IGDTUW.

1.1 Vision

To develop a research ecosystem within IGDTUW for promotion of research through partnerships, networking, collaborations with an emphasis on innovation and technology development.

1.2 Mission

- To create a conducive environment for enhanced research productivity through mobilization of resources and funding.
- To motivate faculty and students to develop appropriate technological innovations towards industrial development and societal benefits.
- To encourage research collaborations at national and international levels.
- To disseminate research findings to the scientific and industrial communities.

1.3 Objectives

With the goal to strengthen and promote the existing research ecosystem in the University for reliable, impactful, sustained and quality research outcome, the Research and Development Cell (R&D Cell) at IGDTUW has the following objectives:

- To create awareness and opportunities in Research, Innovation and Development among the faculty and students for promotion of Multidisciplinary research.
- To identify the thrust area of research, and form related cluster groups/frontline, teams/consortia of research.
- To generate innovative ideas and solutions for academic and societal problems.
- To act as liaison between researchers & relevant research funding agencies, extend guidance in preparation & submission of project proposals
- To monitor and oversee research progress, manage and optimize research resources and conduct reviews for timely completion of projects.
- To identify potential collaborators from industry, research organizations, academic institutions & other stakeholders for cooperation's and synergic partnerships and dissemination of research outcomes.
- To establish better coordination among University-Industry inter linkage, Incubation, innovation and entrepreneurship development and Intellectual Property Rights (IPR).
- To develop Institutional Research Information System
- To develop, prescribe and administer rules, regulations, policies to ensure the compliance of all research quality assurance framework and the research code.
- To Engage superannuated /active experts/scientist/community talents for Capacity building of talented young minds and promote mobility of researchers across Institutions and Research & Development labs.

2. FUNCTIONS

To create a strong research ecosystem for reliable, impactful and sustained research output, aligned with the provisions of NEP-2020, the functions of the R&D Cell are as follows:

2.1 Research Ecosystem/ Collaboration

R&D Cell will act as a facilitator for networking and collaborative research with other national and international institutions working in multidisciplinary research areas, Industries, NGOs, Government bodies etc. to forge strategic partnerships.

2.2 Information Management System

Research Information Management System (RIMS) to collect and manage research-oriented information, databases, publications, research projects, fellowships, collaborations, patents, thrust areas, innovations etc. aligned with the institution's research policies.

2.3 Human Resources and Capacity Building

Organizing events like capacity- building programs and specific research theme-based workshops, refresher courses, trainings, group discussions and seminars/conferences and Research Internships for students, scholars, and faculties to participate actively in the process of ideation and innovative research in emerging areas.

2.4 Research Promotion and Guidance

- To encourage faculties to conceive ideas through enhanced industry-academia interactions and prepare research proposals for funding from various agencies.
- To promote research in the frontier areas of Engineering, Sciences, Humanities, Management, Architecture and Planning with the aim to encourage faculty to conceive ideas through enhanced industry- academia interaction and prepare research proposals for funding from various agencies.
- Encourage innovation and new ideas integrating research and evolving Technologies for novel applications to faculty, students, scholars for joint/collaborative research projects to avail national and international funding opportunities.
- To encourage researchers to contribute research-based knowledge to the public debate for patents and quality publications in good international journals/conferences with high impact factor.
- To incentivize Faculty and students through Research excellence awards and various financial assistance schemes, already implemented at the University.
- To facilitate resource mobilization and furtherance in research activities through Professional Development Grant of the University.

2.5 Integrity and Ethics

To ensure that researchers understand the importance of integrity and ethics and comply with ethical codes of research and publishing practices at institutional, national, and global levels. A standard plagiarism check should be mandatorily be implemented and the requisite software in this regard made accessible to all researchers.

2.6 Research Monitoring

- To monitor and oversee research progress, coordinate programs, manage and facilitate optimizing resources, timely review of research activities for completion of the projects as per schedule.
- To ensure that all the Research Labs in the institution fulfill the norms of Good Laboratory Practices (GLP) and Safety (Bio and Chemical) measures etc.

3. GOVERNANCE

3.1 Organizational Structure of R&D Cell

- For effective governance and to ensure functional autonomy, transparency, accountability, and Adaptability University shall have governance committees for the smooth and efficient coordination of research and development activities in the Institute, thus fostering overall growth.
- All activities of the Cell will be monitored and mentored by various committees for developing research models, technology, evaluation, foresight & review functions, facilitating sectoral R&D progress, and IPR protection.

3.1.1 Research Advisory Council

The Research Advisory Council (RAC) will be the apex body with various committees. The composition of RAC shall be under as:

- (i) Hon'ble Vice-Chancellor or his/her nominee.
- (ii) Director/Dean (R&D), Convener
- (iii) Two Deans of the University
- (iv) Two Senior distinguished researchers of the University
- (v) Two External Experts with sufficient Research and Administrative background.
- (vi) Member Secretary (Professor/Associate Professor of the University)

3.1.2 Committees and its functions

To drive the governance and smoothen the function of R&D Cell, various committees shall be formed, by the approval of the RAC.

The members of the various committees shall be proposed by the Director/Dean (Research and Development) and approved by the Hon'ble Vice-Chancellor. The different committees may co-opt other members from Departments, if required for carrying out various activities, after approval of the Vice Chancellor. The committees shall meet at least once a quarter or as required to plan and conduct various activities as assigned to them. All the committees shall submit a report of the different activities/initiatives taken by them every three months to the Research and Development Cell to be submitted to the Hon'ble Vice-Chancellor. The term of all the committees shall be three years.

The committees and their members are as follows:

A. Research Programme, Promotion and Policy Development Committee

The Committee shall facilitate the strengthening and promotion of research in the

University, the identification of thrust areas for research in various departments. The committee shall enable provisions in research policies regarding the procurement of equipment, recruitment of research personnel and financial management with adequate autonomy to the Principal Investigator(s). The committee will monitor and oversee research progress to ensure the timely completion of the projects as per schedule.

The members of the committee shall be as under:

- (I) Hon'ble Vice-Chancellor's nominee, Chairperson
- (II) Registrar
- (III) Director/Dean (R&D), Convener
- (IV) Two Professors/Associate Professors of the University
- (V) Finance Officer/Deputy Finance Officer/Asst. Finance Officer
- (VI) Member Secretary (Associate Professor/Assistant Professor)

B. Collaboration, Consultancy, Community Committee

The Committee shall act as a facilitator for networking and collaborative research and consultancy with Research and Development Organizations, Institutions, Associations, NGOs, government bodies, at the national and international level. The Committee may also encourage formation of research clusters to bring researchers, faculty, students and scholars, within and outside the University for joint research projects to avail national and international funding opportunities. The Committee shall organize events like capacity-building and capacity-guiding programs, research internships and researcher mobility programmes. The Committee shall also take initiative to sensitize the research community to understand the importance of integrity and ethics and comply with ethical codes of research and publishing practices at institutional, national and global levels.

The members of the committee shall be as under:

- (I) Hon'ble Vice-Chancellor's nominee, Chairperson.
- (II) One Dean/HOD of the University, Convener
- (III) Two Professors/Associate Professors of the University
- (IV) Finance Officer/Deputy Finance Officer/Asst. Finance Officer
- (V) Member Secretary (Associate Professor/Assistant Professor)

C. Product Development, Monitoring and Commercialization Committee

The Committee shall organize events to create awareness and exposure about product/technology development, designing and prototype development along with the hands-on training on associated advanced techniques and technologies. It shall also organize training programmes in the domain of technology management and technology commercialization, and take initiatives to establish product/technology development networks. It shall create system for enabling the commercialization of research and technology transfer. The Committee shall catalyze and facilitate innovation, incubation, entrepreneurship and start-ups.

The members of the committee shall be as under:

- (I) Hon'ble Vice-Chancellor's nominee, Chairperson
- (II) One Dean/HOD of the University, Convener

- (III) Managing Director/Director, IGDTUW Innovation Centre
- (IV) One Professor/Associate Professor of the University
- (V) Member Secretary (Associate Professor/Assistant Professor)

D. The IPR, legal and Ethical Committee

The committee will facilitate promoting and accelerating the innovations in STEM area, transparent administrative system for the ownership, control and transfer of the intellectual property (IP) created and owned by the University. The Committee shall also monitor and ensure that researchers understand the importance of integrity and ethics and comply with ethical codes of research and publishing practices. The committee shall sensitize the research community about dubious research and publishing practices and predatory journals.

The members of the committee shall be as under:

- (I) Hon'ble Vice-Chancellor's nominee, Chairperson
- (II) One Dean/HOD of the University, Convener
- (III) Two Professors/Associate Professor of the University
- (IV) Finance Officer/Deputy Finance Officer/Asst. Finance Officer
- (V) Member Secretary (Associate Professor/Assistant Professor)

E. Finance and infrastructure committee

The committee shall look into Resource mobilization from Govt., Industry and other funding agencies and make plans/proposals for Strengthening of infrastructure.

The members of the committee shall be as under:

- (I) Hon'ble Vice-Chancellor's nominee, Chairperson
- (II) Registrar
- (III) One Dean/HOD of the University, Convener
- (IV) One Professor/Associate Professor of the University
- (VII) Finance Officer/Deputy Finance Officer/Asst. Finance Officer
- (V) Member Secretary (Associate Professor/Assistant Professor)

GUIDELINES FOR PROMOTION OF RESEARCH AT IGDTUW

1. Name of the Policy/Guidelines: IGDTUW Research Fellowship Scheme for JRF/SRFs

Objectives: Indira Gandhi Delhi Technical University for Women 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.

Key points: 1) The award of fellowship shall be reviewed every semester based on the assessment of the Performance Report of the fellow by DRC. The DRC may recommend termination of the Fellowship in case the Performance Report of the Fellow is not found satisfactory consecutively for two semesters.

2) The tenure of fellowship is initially for two years under the JRF scheme. Upon expiry of this period, the work of the Fellow will be evaluated by experts. If the research work is found satisfactory, his/her tenure will be extended for a further period of three years under the enhanced emoluments of the Senior Research Fellowship (SRF).

Approval of AC/FC/BOM, as applicable: 11th meeting of Board of Management (BOM), August 11, 2020.

Link:<https://www.igdtuw.ac.in/pdfs/Revised%20%20Research%20Fellowship%20Scheme%20%20JRF%20SRF%202020.pdf>

2. Name of the Policy/Guidelines: Guidelines for reimbursement of conference registration fee to UG, PG and PhD students of IGDTUW for presenting Research Paper in National/International Conferences in the areas of Sciences, Engineering & Technology and Architecture

Objectives: To promote research and development activities by providing reimbursement of conference registration fee to UG, PG and PhD students of IGDTUW for presenting Research Paper in National/International Conferences in the areas of Sciences, Engineering & Technology and Architecture.

Key points: 1) A student will be provided reimbursement of only the registration fee for Web of Science/Scopus indexed National or International conferences.

2) The maximum reimbursable amount will be Rs. 10,000/- per Conference for Scopus/Web of Science indexed National or International Conferences.

3) Reimbursement of registration fee will be provided to only one of the student authors, who would be presenting the paper in conference.

Approval of AC/FC/BOM, as applicable: 18th Meeting of Board of Management, August 3, 2022.

Link: <https://www.igdtuw.ac.in/Research.php?id=86>

3. Name of the Policy/Guidelines: Guidelines for the Financial Assistance to M.Tech./M.Plan. Students

Objectives: Financial Assistance will be granted to the student subject to the satisfactory academic performance and adherence to University norms/rules and regulations as applicable

from time to time, certified by the Head of the Department.

Key points: 1) The Financial Assistance of an amount of Rs.7500/- per month will be awarded to a maximum of 10 students registered in each branch/program every semester based on their performance in IGDTUW.

2) The Financial Assistance will be awarded based on the performance in the preceding semester. The maximum duration of the Financial Assistance will be Eighteen (18) months subject to the fulfillment of the eligibility criteria and terms and conditions.

Approval of AC/FC/BOM, as applicable: 16th meeting of Board of Management (BOM)

Link:<https://www.igdtuw.ac.in/pdfs/Guidelines%20for%20Financial%20assistance%20to%20M.Tech%20and%20M.Plan.pdf>

4. Name of the Policy/Guidelines: Guidelines for the Financial Assistance to Full-Time Ph.D. Scholars

Objectives: To all full time Ph.D. Scholars who are not in receipt of any financial support (i.e. JRF Scholarship/Stipend etc.) from any source for a period of five years or till completion of Ph.D. whichever is less.

Key points: 1) The Financial Assistance of an amount of Rs.10,000/- per month will be awarded to the Full Time Research Scholars registered in various branches in IGDTUW.

2) The full time Ph.D. Research Scholars getting the monthly stipend would also assist in Academic/Administrative work in their respective Department for 4-6 hours per week in addition to their research work.

3) The maximum duration of the Financial Assistance will be five years from the date of admission or till the completion of Ph.D., whichever is earlier subject to the fulfillment of eligibility criteria and terms and conditions.

Approval of AC/FC/BOM, as applicable: 16th meeting of Board of Management (BOM)

Link:<https://www.igdtuw.ac.in/pdfs/Guidelines%20for%20Financial%20assistance%20to%20Full%20Time%20PhD%20scholars.pdf>

5. Name of the Policy/Guidelines: Professional Development Grant to Teachers/Faculty members of IGDTUW

Objectives: The faculty development grant helps in enhancing the academic and intellectual environment in the University by providing faculty members with enough resources to pursue research and also to participate in seminars / conferences / workshops. The faculty development grant works as an incentive to aspire beyond common expectations.

Key points: 1) One-time startup grant of Rs. 2.00 lakhs for procuring Computer and Peripherals, Teaching Materials including Books, Research Aids, Office furnishings.

2) All faculty members are given a grant up to Rs. 2.0 lakh for a period of every three years towards acquiring membership of Professional Societies and for participating in national/ international conferences/ workshops etc.

Approval of AC/FC/BOM, as applicable: 6th meeting of Board of Management (BOM), January 20, 2017.

Link: https://www.igdtuw.ac.in/uploads/Various_Order_27-09-2017-1-8.pdf

6. Name of the Policy/Guidelines: Guidelines for the Award for Published Paper of the Researchers (Faculty/Students) of IGDTUW

Objectives: To boost the culture of Research and promote excellence in R&D by publishing of good quality Research Papers in reputed Journals, following Research awards have been incepted by the University. IGDTUW has introduced Research Excellence Awards from August 2019, mainly to support quality and innovative research and to recognize the achievements of the faculty and student researchers. The Cash Award are given to Researchers (faculty members and students of IGDTUW) in recognition of the importance of the published research work and to motivate individual excellence in research in all the disciplines of the University.

Key points: 1) The award is granted to the journal papers published in each year (1st January to 31st December), published along with Digital Object Identifier (DOI), vol., issue, no. pagination and month/year of publication.
2) Only Publications listed in SCI/SCIE/SSCI Journals are considered for the awards. The latest list of SCI/SCIE/SSCI indexing and impact factor by Clarivate is applied for deciding the indexing and impact factor of the journals.
3) The awards comprise of cash prize along with certificates. Certificates bearing complete citation information of the publications are presented to all awardees.

Approval of AC/FC/BOM, as applicable: 09th meeting of Board of Management (BOM), 06-05-2019.

Link: [https://www.igdtuw.ac.in/pdfs/Guidelines%20for%20the%20Award%20for%20Researchers%20\(FacultyStudents\)%20of%20IGDTUW.pdf](https://www.igdtuw.ac.in/pdfs/Guidelines%20for%20the%20Award%20for%20Researchers%20(FacultyStudents)%20of%20IGDTUW.pdf)

7. Name of the Policy/Guidelines: Guidelines for Incentive to UG/PG Students for Publication of Research Paper in Journal

Objectives: The University aims to improve overall research performance and promote research activities undertaken by Undergraduate and Postgraduate students of the University. Incentive Scheme aims to build the research eco-system in the University and to encourage the students for publication of their research work in reputed journals.

Key points: 1) An incentive of Rs.10,000/- will be awarded for every publication of research paper/article in SSCI/SCI/SCIE Indexed Journals and Rs 5,000/- would be awarded for every publication of research paper/article in SCOPUS/ESCI Indexed Journals only to UG and PG students of the University.

2) All the undergraduate and postgraduate students of the University on successful acceptance/publication of the research work in SSCI/SCI/SCIE/SCOPUS/ESCI Indexed Journals are eligible for the award/incentive.

Approval of AC/FC/BOM, as applicable: 16th meeting of Board of Management (BOM)

Link:<https://www.igdtuw.ac.in/pdfs/Guidelines%20for%20Incentive%20to%20UG,PG%20students%20for%20Publication%20of%20Research%20Paper%20in%20Journal.pdf>

8. Name of the Policy/Guidelines: IGDTUW Ph.D Regulations

Objectives: The PhD program at IGDTUW is designed to encourage cutting edge research enabling the candidates to grow in their professional and academic career. Ph.D. programme is offered in the domain of Electronics & Communication Engineering (ECE), Electrical Engineering, Information Technology (IT), Computer Application, Computer Science & Engineering (CSE), Artificial Intelligence and Data Science Mechanical & Automation Engineering (MAE), Applied Sciences & Humanities (ASH) and Architecture & Planning (A&P).

Key points:

- 1) Admission to the Ph.D. programme usually happens twice in a year during May/June and Dec/Jan. The process is common to both the categories (Full time and Part Time) of applicants.
- 2) Admission is made on the basis of a written Test viz. RAT followed by an interview.
- 3) All applicants taking admission in the Ph.D. Course shall be bound by the Ph.D. Ordinances and Regulations of the IGDTUW

Approval of AC/FC/BOM, as applicable: 18th meeting of Board of Management (BOM), August 3, 2022.

Links:https://www.igdtuw.ac.in/pdfs/Updated_Ph.D._regulations_2022.pdf,

https://www.igdtuw.ac.in/pdfs/Revised%20%20Arch.%20Ph.D._regulations_2022.pdf

Guidelines for Pre-Ph.D Synopsis and Ph.D Thesis Submission:

<https://www.igdtuw.ac.in/pdfs/Combined%20Guidelines%20for%20PrePhD%20Synopsis%20and%20%20Ph.D%20Thesis%20Submission%202019-20.pdf>

9. Name of the Policy/Guidelines: Cotutelle Ph.D. Program(CPP)

Objectives: Cotutelle Agreement has been signed with James Cook University, Australia (JCU) to enhance the cooperation and joint research activities. Under the agreement, the candidate shall be awarded dual PhD degree after successful completion of the program. The agreement will provide opportunity for doctoral research candidates to have their research supervised jointly with JCU and IGDTUW.

Key points:

- 1) This will provide an opportunity for the research scholars to gain international experience and or access to the facilities/environment of JCU with the option of Dual Degree.
- 2) Cotutelle Students shall be enrolled in the relevant Doctor of Philosophy degree at both Institutions, JCU and IGDTUW for the duration of the degree and shall

have the same status as a regular international research student when visiting the JCU.

3) Cotutelle students will pay tuition fees to IGDTUW only, throughout the duration of the CPP, including the duration of study at JCU. They are exempted from paying JCU tuition fees.

Approval of AC/FC/BOM, as applicable: 18th meeting of Board of Management (BOM), August 3, 2022.

Link:[https://www.igdtuw.ac.in/pdfs/Guidelines%20for%20Cotutelle%20Ph.D%20Program%20\(CPP\).pdf](https://www.igdtuw.ac.in/pdfs/Guidelines%20for%20Cotutelle%20Ph.D%20Program%20(CPP).pdf)

10. Name of the Policy/Guidelines: Direct Ph.D. Program after 4-years Bachelor's degree/1st year Master's Degree

Objectives: In line with NEP-2020, the University is has started direct admission to the Ph.D. program after completing B.Tech degree or one year of Masters degree to inculcate research culture in the undergraduate level and to attract better quality students in Ph.D. with inclination towards research.

Key points: 1) This approach allows students to fast-track their academic and research career, bypassing the traditional Master's degree route.
2) This will be great leap for more participation of women, since they will be motivated to acquire the highest qualification in their specialization from the beginning.

Approval of AC/FC/BOM, as applicable: 20th meeting of Board of Management (BOM), March 1, 2023.

Link:https://www.igdtuw.ac.in/pdfs/Updated_Ph.D._regulations_2022.pdf

11. Name of the Policy/Guidelines: Norms, rules & regulations for undertaking sponsored Research and Industrial Consultancy

Objectives: The primary objective of undertaking any sponsored research project and consultancy work shall be creation of new knowledge, widening and expansion of existing knowledge and experience of faculty and staff members.

Key points: 1) All University consultancy and sponsored research projects in support/ partnership of National and International agencies, Govt, PSUs, or Industries engaged in development of major infrastructure and/or in economic development are considered subject to the academic and administrative restrictions laid down by the University.
2) The research and consultancy works which are likely to bring reputation to the University and increase the number of patents in favour of the faculty and the University will be given the top priority.

Approval of AC/FC/BOM, as applicable: 6th meeting of Board of Management (BOM), January 20, 2017.

Link: https://www.igdtuw.ac.in/pdfs/rnd_consultancy_2020.pdf

12. Name of the Policy/Guidelines: IPR Policy

Objectives: To establish the standards to defend the lawful interest of students/ faculty/ supporting staff/ project staff/ visitors of IGDTUW and the society in a legitimately and coherent manner with the ‘allegiance’ of IGDTUW and ‘role’ assigned to it by the society. The policy will empower IGDTUW to contribute towards its primary responsibility of furthering, accelerating and promoting innovations in the area of science, technology, Architecture and management in the broadest possible means

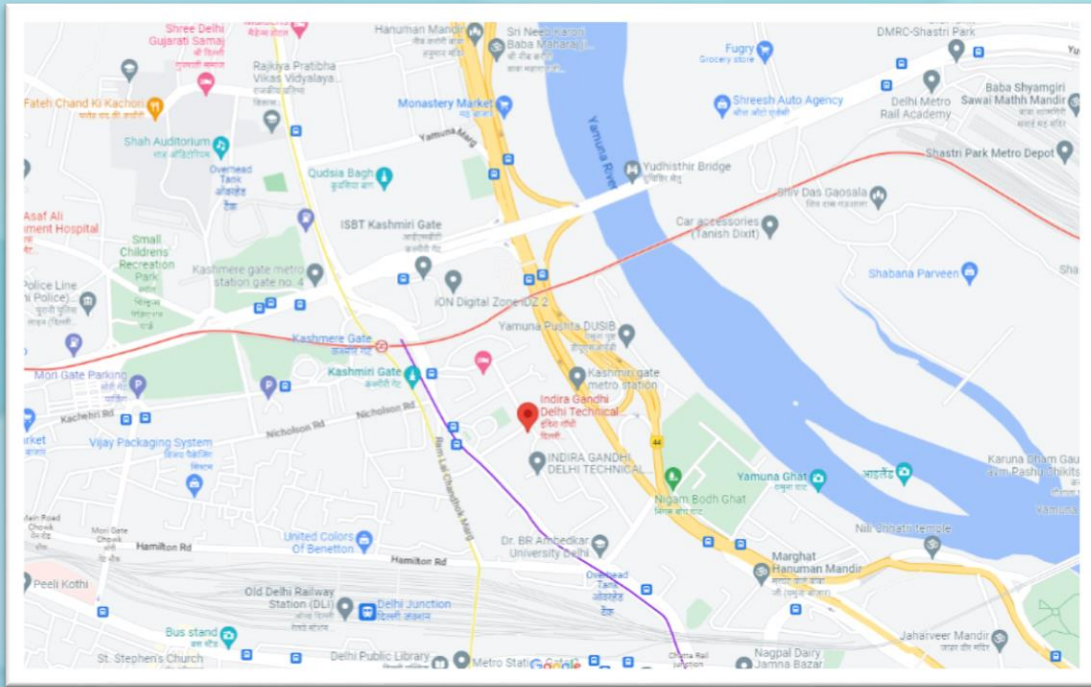
Key points: 1) The University has IPR Policy that will protect the claims of the Inventor(s) such as Unique Work, Ideas, Inventions, Products and Technology etc.

2) The ownership of Intellectual Property (IP) will remain with IGDTUW as per term & conditions of IPR Policy.

3) The IPR Policy will facilitate promoting and accelerating the innovations in STEM area, transparent administrative system for the ownership, control and transfer of the intellectual property (IP) created and owned by the University.

Approval of AC/FC/BOM, as applicable: 6th meeting of Board of Management (BOM), January 20, 2017.

Link: https://www.igdtuw.ac.in/pdfs/rnd_consultancy_2020.pdf



R&D Cell and Research Wing
INDIRA GANDHI DELHI TECHNICAL
UNIVERSITY FOR WOMEN

Madrasa Road, Opposite St. James Church
Kashmere Gate, Delhi-110006

Ph. No.: 011 23900220 **Website:** www.igdtuw.ac.in