



PG and Ph.D Orientation Booklet

Academic Session 2024-2025



Indira Gandhi Delhi Technical University for Women

(Established by Govt. of Delhi vide Act 9 of 2012)

ISO9001:2015 Certified University

(NAAC A+ Grade)

Kashmere Gate, Delhi 110006

<https://www.igdtuw.ac.in>

ABOUT THE UNIVERSITY

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

Erstwhile Indira Gandhi Institute of Technology (IGIT) was established in 1998 by Directorate of Training and Technical Education, Govt. of NCT of Delhi as the first engineering college for women only. Over the years erstwhile IGIT has significantly contributed to the growth of quality technical education in the country and has become not only one of the premier institutions of Delhi but as the most prestigious college of north India.

The University is not only providing high-quality teaching in an environment of competitive research but is also committed towards the creation of new knowledge through research, development and innovation. At present the various departments of the University are running sponsored research projects from the leading Industry/organizations. With the support of the Govt. of NCT of Delhi, the University has started its incubation centre – Anveshan that is offering ample opportunities to the young women engineers to realize their dreams by becoming the entrepreneur. The university incessant effort is to produce work-ready graduates and this is achieved through continuously updating the syllabus with the involvement of the experts from Industry and leading academia. As an outcome, the students of the University are placed 100% with multiple job offers in the leading industry.

VISION

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

MISSION

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

UNI VERSITY ADMINISTRATION

Sh. Vinai Kumar Saxena, Hon'ble Lt. Governor of Delhi	Chancellor
Prof. Anu Singh Lather	Vice Chancellor
Prof. R.K. Singh	Registrar
DEANS AND DEPUTY DEANS OF UNIVERSITY	
Prof. Arun Sharma	Dean (Academic Affairs)
Prof. R.K. Singh	Dean (Students Welfare)
Prof. Ranu Gadi	Dean (Research & Collaboration and IR&D)
Prof. Chhaya Ravi Kant	Dean (International Affairs)
Prof. Seeja K.R.	Dean (Examination Affairs)
Prof. Vandana Niranjana	Chief Proctor
Dr. Subhash Singh	Dy. Dean (Academic Affairs)
Dr. Kamal Kumar	Dy. Dean (Academic Affairs)
Prof. Rashmi Ashtt	Dy. Dean (Student Welfare)
HEAD OF DEPARTMENTS	
Prof. S.R.N. Reddy	Computer Science & Engineering
Prof. A. K. Mohapatra	Information Technology
Prof. Shalini Arora	Applied Science & Humanities
Prof. Manoj Soni	Mechanical & Automation Engineering
Prof. Rashmi Ashtt	Architecture & Planning
Prof. Jasdeep Kaur Dhanoa	Electronics & Communication Engineering
Dr. Meha Joshi	Management
Prof. Poonam Bansal	Artificial Intelligence and Data Science
TRAINING AND PLACEMENT OFFICERS	
Prof. Jasdeep Kaur Dhanoa	T&P Officer (IT,CSE,ECE)
Dr. Subhash Singh	T&P Officer (MAE)
Dr. Nonita Sharma	T & P Coordinator and Alumni Coordinator
OTHER OFFICERS	
Dr. Sanjib Kumar Sahu	Dy. Controller of Examination
Mr Sagar Goel	System Analyst

PROGRAMS OFFERED BY THE UNIVERSITY

Name of Program	Specialization	Duration	Department
UNDERGRADUATEPROGRAMS			
B.Tech.	Computer Science and Engineering	4 yrs	CSE
B.Tech.	Computer Science Engineering(Artificial Intelligence)	4 yrs	AI&DS
B.Tech.	Information Technology	4 yrs	IT
B.Tech.	AI&ML	4 yrs	IT
B.Tech.	Electronics and Communications Engineering	4 yrs	ECE
B.Tech.	Electronics and Communications Engineering (Artificial Intelligence)	4 yrs	ECE
B.Tech.	Mechanical and Automation Engineering (MAE)	4 yrs	MAE
B.Tech.	Dual Degree Program MAE+MBA	6yrs	MAE
B.Arch.	Architecture	5 yrs	A&P
B.B.A.	Management	3 yrs	MGMT
POSTGRADUATEPROGRAMS			
M.Tech.	IT(Cyber Security)	2 yrs	IT
M.Tech.	CSE(Artificial Intelligence)	2 yrs	CSE
M.Tech.	(Artificial Intelligence & Data Science)	2 yrs	AI&DS
M.Tech.	ECE(VLSI Design)	2 yrs	ECE
M.C.A.	Computer Applications	2 yrs	IT
M.Plan.	Urban Planning	2 yrs	A&P
M.B.A.	Business Administration	2 yrs	MGMT
DOCTORALPROGRAMS			
Ph.D.	<ul style="list-style-type: none"> • Ph.D in Computer Science Engineering • Ph.D in Information Technology • Ph.D in Computer Applications • Ph.D in Mechanical and Automation • Ph.D in Electrical Engineering • Ph.D in Electronics and Communication • Ph.D in Architecture and Planning • Ph.D in Physics • Ph.D in Chemistry • Ph.D in English • Ph.D in Mathematics • Ph.D in Management 		

UNIVERSITY AWARDS & ACCOLADES

- **NAAC RANKING**

It is a matter of immense pride that IGDTUW has been awarded NAAC “A+” Grade in the First Assessment Cycle.

- **ISO CERTIFICATION**

IGDTUW has become an **ISO 9001-2015 Certified University**, marking a significant milestone in its journey towards excellence and commitment to quality education.

- **NPTEL RANKED IGDTUW AT HIGHEST RATING OF “AAA” GRADE:**

IGDTUW has been awarded “NPTEL Highest Rating of ‘AAA’ Grade” for the NPTEL and Swayam Courses opted Online by the IGDTUW Students and Faculty members during Session July to December 2023.

- **CSR TOP UNIVERSITY INNOVATION AWARD:**

IGDTUW has been conferred with the “CSR Top University in Innovation Award” on 23rd April 2023 for demonstrating excellent contribution to Innovation and Entrepreneurship.

- **PLASTIC FREE CAMPUS**

IGDTUW has been awarded the Certificate of Appreciation by the Municipal Corporation of Delhi (MCD-Delhi) for “Zero Waste and Zero Plastic Campus” on 23rd April 2023 for efforts towards Environment and Conservation.

- CAREER360 awarded IGDTUW with AAAA+ Rating in 2024

- **WORLD TIMES HIGHER EDUCATION IMPACT RANKINGS 2023 (INTERNATIONAL RANKING):**

- IGDTUW made India Proud by Ranked in the band of 401-600 by esteemed ‘Times Higher Education World Impact Rankings 2023’ for Sustainable Development Goal (SDG-11) i.e. Sustainability

- IGDTUW made India Proud by Ranked in the band of 401-600 by esteemed ‘Times Higher Education World Impact Rankings 2023’ for Sustainable Development Goal (SDG-5) i.e. Gender Equality

- **WORLD’S UNIVERSITIES WITH REAL IMPACT (WURI) RANKING**

- It is matter of immense pride that IGDTUW secured 40th position in the “*World’s Universities with Real Impact (WURI) Ranking*”, as the World Rank for 2023”.

- The University also bagged 08th position in the special category “Entrepreneurial Spirit of WURI ranking, 2023”.

- **INDIA TODAY RANKING 2023**

- All India Rank “6th in Government Colleges with Best value for money”.

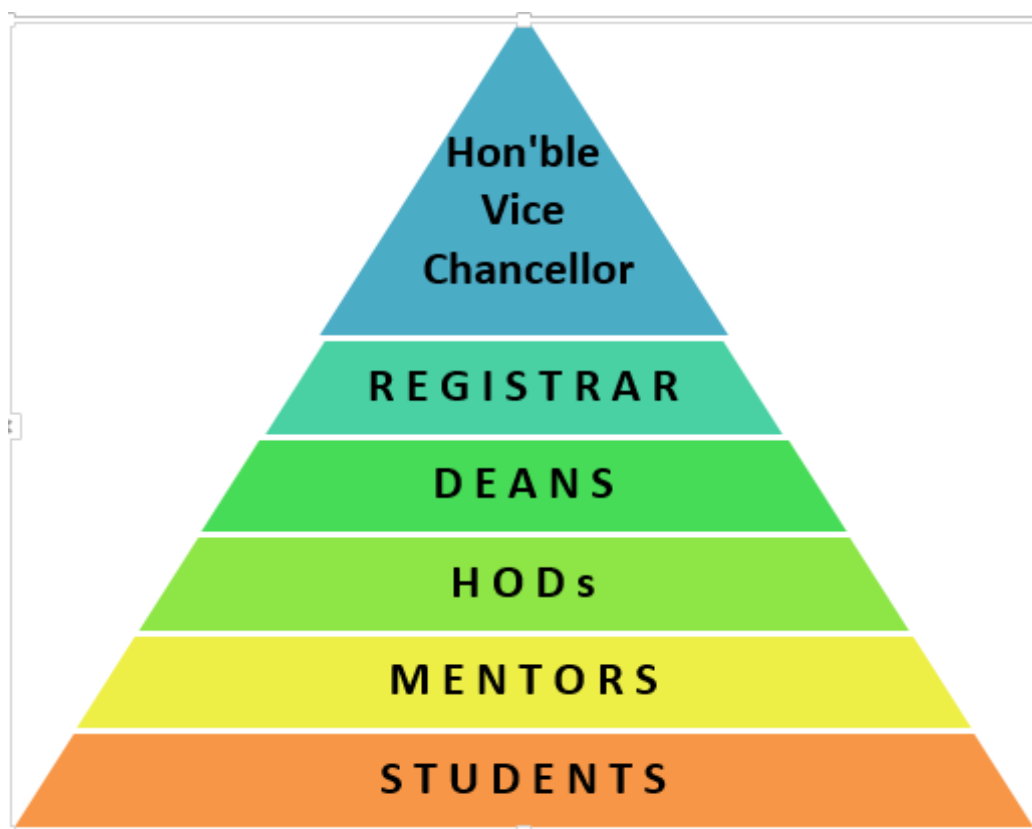
- All India Rank 9th in “Government Colleges with Best Placement Record”.

- All India Rank 10th in “Top Engineering Colleges in India”.

- All India Rank “17th in Emerging Government Colleges”.

ESCALATION MATRIX FOR STUDENTS

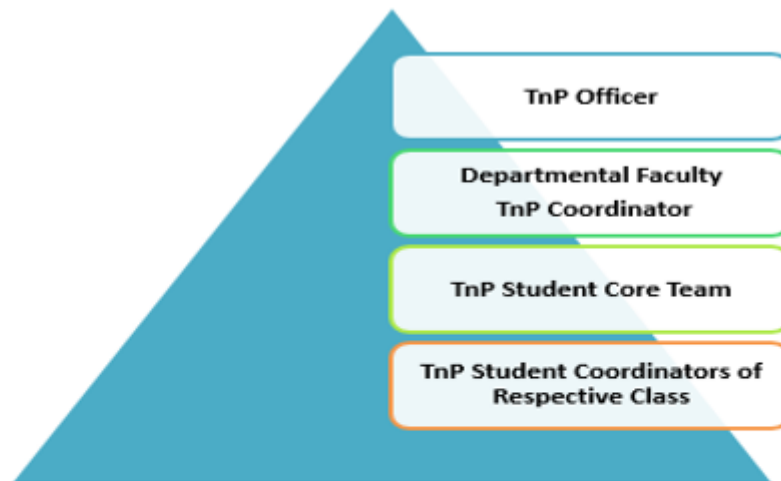
(1) Domain: Query/Suggestions/Student issues/Concerns
(Academic/Exams/Research&Consultancy/InternationalCollaborations)



(2) Domain: Discipline



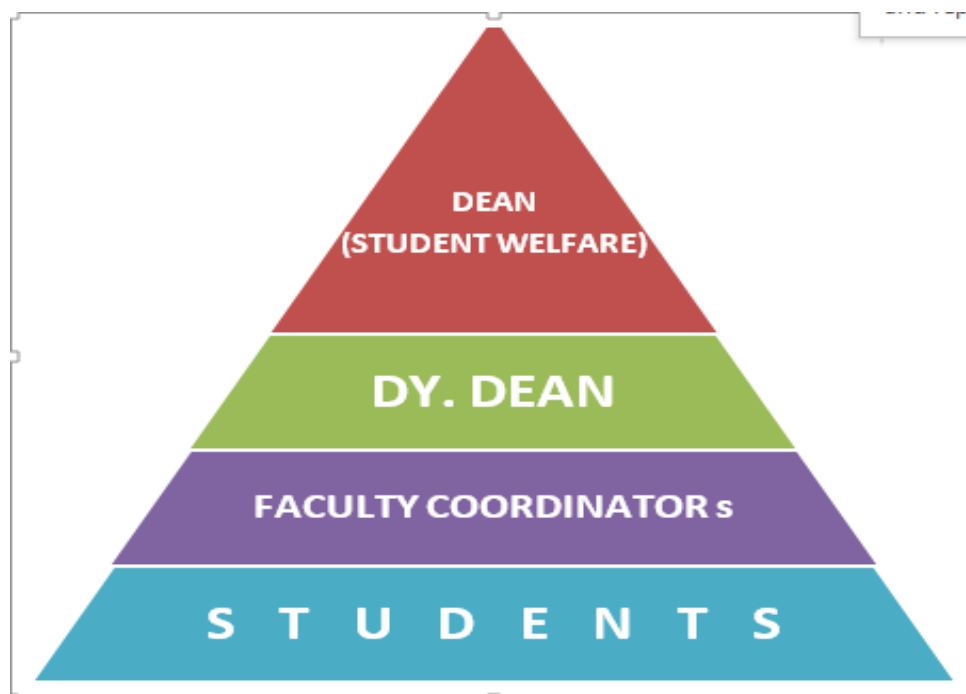
(3) Domain: Training and Placement (TnP) Public



NOTE:

It is advised that the students will follow decorum and will use public domain responsibly in the best interest of the University, its reputation and placement related activities.

(4) Domain: Query/Suggestions/Student issues/Concerns (Student Technical/Cultural Societies/Clubs)



CLUBS AND SOCIETIES

Technical Societies	WiBD Student Chapter
	ACM Student Chapter
	CSI Student Branch
	IEEE Student Chapter
	American Society of Mechanical Engineers (ASME) Chapter
	ENACTUS
	ROBOLUTION
	LEAN IN
Societies Founded/ Promoted	Antargat – Creative Society
	TechnoLiterati
	The Economics Society
	Taarangana – The Cultural Society
	SPIC MACAY Chapter
	ZENA – Fashion Society
	Rotary Club – IGDTUW
	RAHNUMA – Dramatics Society
	HYPNOTICS –Dance Society
	INSTINCT: The Peer Educator’s and Life Skills society
	B.H.A.V(Behold an Architects View)-The Role Play Society of IGDTUW
Clubs	SAE Collegiate Club
	Greensphere : The Eco club
	Leaders for Tomorrow
Sports	Synergy Sports Club



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No.F.Acad./AC/IGDTUW/2024-25 /

ACADEMIC CALENDAR

(For the Academic Year 2024-25)

Orientation Program		
Students of all PG and Ph.D. Programs admitted in 2024	5 th August, 2024 (Monday)	
Students of all UG Programs Admitted in 2024	12 th August, 2024 (Monday)	
3 weeks Induction Program for UG and PG/Ph.D. students admitted in 2024	13th August, 2024 To 30th August, 2024 (Tuesday) (Friday)	
Odd Semester Registration		
a) Students of all Programs admitted upto 2023	29.07.2024 (Monday)	09.08.2024 (Friday)
b) Students of all PG & Ph.D. Programs admitted in 2024	05.08.2024 (Monday)	12.08.2024 (Monday)
c) Students of all UG Programs admitted in 2024	12.08.2024 (Monday)	23.08.2024 (Friday)
Commencement of Classes		
a) Students of all Programs admitted upto 2023	05.08.2024 (Monday)	29.11.2024 (Friday)
b) Students of all PG & Ph.D. Programs admitted in 2024	06.08.2024 (Tuesday)	29.11.2024 (Friday)
c) Students of all UG Programs admitted in 2024	13.08.2024 (Tuesday)	29.11.2024 (Friday)
Technical Fest "Innerv"	Sept/Oct., 2024 (Friday & Saturday)	
Conduct of Mid Term Examination		
All Programs	14.10.2024 (Monday)	25.10.2024 (Friday)
Display of Mid-Term Marks	On or before 06.11.2024 (Wednesday)	
Conduct of End Term Examination		
End Term Internal Evaluation – Practical	02.12.2024 (Monday)	06.12.2024 (Friday)
End Term Theory Examination	09.12.2024 (Monday)	27.12.2024 (Friday)
International Conferences: AIST-2024 and ICMEC-2024	November/December, 2024 (Tentative)	
6th Alumni Meet cum Industry/Institution Networking Meet		
7th Convocation (IGDTUW)		
Winter Break – (Internships/Skill Development Programs/Winter Workshops)		
All Programs	28.12.2024 (Saturday) to 10.01.2025 (Friday) (2 Weeks)	

- **Even Semester for Academic Year 2024-25 for all batches/programs starts from 13th Jan. 2025 (Monday).**
- Winter Break for Faculty: 28.12.2024 to 10.01.2025 (2 Weeks)

Academic Calendar 2024-25 (Even Semester)

Even Semester Registration		
Semester Registration for Students	From	To
All Programs	13.01.2025 (Monday)	20.01.2025 (Monday)
Commencement of Classes		
All Programs	13.01.2025 (Monday)	25.04.2025 (Friday)
Cultural Fest “TARANGANA-2025/ Sports Meet “IGNITE-2025”	January/February, 2025 (Any two days) - Fest Week	
Conduct of Mid Term Examination		
All Programs	03.03.2025 (Monday)	17.03.2024 (Monday)
Display of Mid-Term Marks	On or before 27.03.2025 (Thursday)	
Conduct of End Term Examination		
End Term Internal Evaluation – Practical	28.04.2025 (Monday)	02.05.2025 (Friday)
End Term Theory Examination	05.05.2025(Monday)	23.05.2025 (Friday)
Student Summer Break Summer Internships/Skill Development Program/Summer Workshops	26.05.2025 (Monday)	31.07.2025 (Thursday)

- Faculty summer vacation (6 weeks) from 09 June, 2025 to 19 July, 2025, subject to approval from the Competent Authority on completion and submission of evaluation/assessment (Internal/External)
1. The Student Induction Program to be planned and conducted for new batch 2024-25 for All UG/PG/Ph.D. Engineering/Management/Architecture Departments.
 2. A separate departmental schedule regarding all academic activities like guest lectures, visits of eminent speakers and dignitaries may be prepared along with details of forthcoming events/lectures/workshops etc. and uploaded on website for wider dissemination of information and maximum participation.
 3. Training and Placement officers are advised to coordinate for Annual Alumni Meet & Industry/Institution Networking Meet.
 4. Dean (EA) is requested to coordinate for the Annual Convocation.
 5. Office of the Dean (EA) to ensure the declaration of End Term Results (even semester) by early July, 2025.
 6. Anveshan Foundation is advised to plan out the Activity Calendar separately and hold some Business Plan, Entrepreneurship Development Competitions /Events, during the Technical Festival “Innervive”.
 7. Dean (SW) to ensure conducting events for specific days like “International Yoga Day”, “Women’s Day”, “Independence Day,” “Swachh Bharat Abhiyan”, “Environment Day” etc. as and when it falls. Events related to "United Nations Sustainable Development Goals (SDGs)" to be encouraged for all student societies/clubs throughout the year.
 8. Release of e-magazine/Newsletter and video (3/4 minutes) of the Academic Year 2024-25, by every department, containing details of academic activities, prizes awards, publications etc. by students and faculty on 25.07.2025.

Academic Branch, IGDTUW

REGULATIONS FOR UNFAIR MEANS

1. Short title and commencement-

- (a) This regulation may be called the Indira Gandhi Delhi Technical University Unfair Means Regulations, 2013.
- (b) They shall come into force with effect from the _____.

2. Definitions-

- (a) "Examination" means an examination conducted by the Indira Gandhi Delhi Technical University;
- (b) "The Year" means the Academic Year;
- (c) Candidate means a student of Indira Gandhi Delhi Technical University for Women which includes an examinee taking any examination in a particular year and, wherever context so permits, every student on the rolls of the University.
- (d) "University" means Indira Gandhi Delhi Technical University for Women
- (e) "Supervisor" means invigilator in the examination Hall.
- (f) "Student means a candidate registered for any UG/PG/Diploma, Full time/ Weekend Program for the Indira Gandhi Delhi Technical University for Women
- (g) "Unfair means" means use of any dishonest means or indulgence in disorderly conduct in the examination. The use of dishonest or unfair means in the examination includes:
 - i. Assisting in any manner whatsoever any other candidate in answering the question paper during the course of the examination.
 - ii. Taking assistance from any other candidate or any other person or from any back paper notes or other material in answering the question paper during the course of the examination.
 - iii. Carrying any book, paper, notes, or other material whatsoever likely to be used directly or indirectly by the candidate in connection with the examination, in the examination center.
 - iv. Smuggling in an answer book or a continuation sheet.
 - v. Taking out or arranging to send out an answer book or its any page or continuation sheet.
 - vi. Replacing or getting replaced an answer book or its any page or continuation sheet during or after the examination.
 - vii. Getting impersonated by any person in the examination.
 - viii. Deliberately disclosing one's identify or making any distinctive mark in the answer book for that purpose.
 - ix. Communicating with or talking to any other candidate or unauthorized person in or around the examination centre during the course of the examination.
 - x. Communicating or attempting to communicate directly or through a relative, guardian and friend with an examiner with the object of influencing him in the award of marks.
 - xi. Swallowing or destroying any note or paper found with her.
 - xii. Note written on any part of clothing, body, desk, table, or any instrument such as setsquare, Instrument box, calculator, loose paper, admit card, question paper, photocopies of printed / written matter and use of electronic gadget like mobile phones etc.
 - xiii. Consulting notes, books or any other outside person while going to toilet, etc. outside the Examination centre.
- (h) Disorderly conduct in the examination includes:

- i. Misbehavior in connection with the examination, with the Superintendents, the Invigilator(s) on duty or the other staff working at the Examination Centre, or with any other candidate, in or around the examination centre, before, during or after the examination hour.
- ii. Leaving the examination room before the expiry of half an hour or without handing over the answer book to the Invigilator in-charge or without signing the attendance sheet.
- iii. Talking to another candidate or any other person inside or outside the Examination Hall during the examination, without the permission of supervisory staff.
- iv. Intentionally tearing off the answer book or a part thereof or a continuation sheet.
- v. Disturbing or disrupting the examination.
- vi. Inciting other to leave the examination room or to disturb or disrupt the examination.
- vii. Carrying into the examination centre any weapon or offence.
- viii. Carrying into the examination hall any mobile phone.

3. a) Any student caught for use of any dishonest or unfair means or indulge in disorderly conduct in the examination shall have to give a statement to the Centre Superintendent in the presence of respective invigilator(s). In case, the student refuses to give a written statement, the fact of her refusal shall be recorded by the Centre Superintendent and witnesses by at least two members of the supervisory staff present at the time of interrogation of the candidate by the Centre Superintendent.
- b) Without prejudice to the provision contained in sub-clause(a) above, the Centre Superintendent or the examiner conducting practical or oral examination shall also have the power to expel a candidate, from the examination centre for the remaining duration of the paper, who in his opinion, has used any dishonest or unfair means or indulged in disorderly conduct in the examination.

4. A candidate found to be or suspected to be guilty of using unfair means in the examination shall be permitted to answer the remaining part of her question paper but on a separate answer book and the answer book in which the unfair means is suspected to have been, shall be taken in possession by the superintendent of centre, who shall send both the answer books, marked I & II in the order in which these were used by the candidate to the Controller of Examinations with his detailed report and findings in a separate sealed cover.

The candidate shall also be permitted to appear in the rest of the examination in subsequent papers.

5. a) The Centre Superintendent or the Investigator or any Officer of the University, as the case may be, shall report in writing in the prescribed Performa to the Controller of Examinations the case of every student caught for using of any dishonest or unfair means or indulge in disorderly conduct in the examination.
 - b) The reporting authority shall give full facts of the case in his report and forward with it the statements, if any, made on the occasion by the candidate and the Invigilator on duty and papers, books and other material recovered from the candidate, if any.
6. If a candidate fails to deliver her answer books to the Invigilator (s) / Supervisory staff before leaving the Examination Hall, a report shall be sent by the Centre Superintendent to the Controller of Examinations in a separate sealed cover immediately after the examination of the day.

7. A person appearing in place of an actual candidate to appear in an examination shall invite registration of criminal case under Indian Penal Code by the Centre Superintendent on behalf of the Controller of Examinations and a report shall be sent by the Centre Superintendent to the Controller of Examinations in a separate sealed cover immediately after the examination of the day. Such, Student shall be disqualified from passing the examination for which she was a candidate, and may, in addition, be debarred from appearing at any future examination of the University for a further period to be stated or be expelled from the University and declared not a fit and proper person to be admitted to any further examination of the University.
8. All the cases regarding use of unfair means practices in the examinations shall be reported and placed before the Committee i.e. '**Unfair Means Scrutiny Committee**'. Unfair Means Scrutiny Committee shall be constituted as under:
 - (a) On the recommendation of the Controller of Examinations, at the beginning of each academic year, the Vice-Chancellor shall nominate a panel of teachers of the University to constitute the Unfair Means Scrutiny Committee.
 - (b) Unfair Means Scrutiny Committee shall comprise Dean (Student Welfare), Dean (Academic), Controller of Examinations and two teachers of the University to be nominated by the Vice-Chancellor.
 - (c) Assistant Registrar or any other designated officer by Controller of Examinations will function as Member Secretary of the Unfair Means Scrutiny Committee.
9.
 - (a) The Controller of Examinations or any person authorized by him on his behalf shall communicate to the candidate, in respect of whom a report has been received pursuant to clause 2 (g) & 2(h), the precise nature of allegations against her and shall require her to furnish her written explanation within a stipulated period.
 - (b) On receipt of explanation from the candidate or on the expiry of the period stipulating for submitting explanation, if no explanation is received from her, the Controller of Examination shall forward the case(s) to the Unfair Means Scrutiny Committee.
10. After considering all the material on record including the explanation, if any, submitted by the candidate, the Unfair Means Scrutiny Committee, if satisfied that the candidate is guilty of the use of dishonest or unfair means or disorderly conduct in the examination, shall recommend to the Vice-Chancellor the punishment that may be imposed on the candidate as detailed in clause 17, according to the nature of the offence.
11. The Vice-Chancellor may after considering the report of the Unfair Means Scrutiny Committee take such action against the candidate under Clause 17 as may be deemed fit.
12. A Candidate on whom any punishment has been imposed under Clause 17 may, within 30 days from the date of the receipt of the communication in that behalf, make a representation to the Vice-Chancellor for review of her case and the decision of the Vice-Chancellor in this regard shall be final.
13. In any case of a candidate who has been debarred from appearing in any Examination of the University in terms of the provisions of Clause 17, the Vice-Chancellor may, on the recommendation of the Unfair Means Scrutiny Committee, on the **expiry of three years after** such expulsion including the examination in connection with which she was punished, exempt a candidate from further operation of the punishment awarded.
14. If within four months of the publication of the results, it is brought to the notice of the Controller of Examinations that a candidate was guilty of the use of dishonest or unfair means at the examination in respect of which (her) result was declared, the provisions of the Ordinance shall apply mutatis

mutandis to the case of such a candidate provided that before imposing any penalty including the penalty of cancellation of her result. She shall be given another opportunity to show cause against the proposed punishment and her explanation, if any, shall be considered by the Academic Council of the University.

- (a) A candidate against whom an enquiry is pending about her allegedly having reported to the use of dishonest or unfair means or disorderly conduct in the examination or against whom action is initiated under the provisions of the proceeding clause shall, if she takes or has taken any subsequent examination, be deemed to have been only provisionally admitted to that subsequent examination. That Examination will stand cancelled and her result therefore would not be declared if on account of the punishment imposed on her as a result of the said enquiry or action, she would not have been entitled to take that examination but for her provisional admission thereto.
15. If a person, not otherwise covered by these provisions, is found guilty of having impersonated a candidate or of having written, outside the examination hall, an answer book or its any page or a continuation sheet which he/she knows or has reason to believe will be smuggled into the examination hall for the benefits of any candidate, or of having managed otherwise to replace the answer book or its any page(s) by the candidate after the examination, she shall be disqualified from appearing in any University Examination as per Clause 17.
16. Notwithstanding anything stated in the Regulations, for any unforeseen issued arising, and not covered by this Regulations, or in the event of differences of interpretation, the Vice-Chancellor may take a decision, after obtaining if necessary the opinion/advice of the Unfair Means Scrutiny Committee. The decision of the Vice-Chancellor shall be final.

17. PUNISHMENT FOR USE OF UNFAIR MEANS

The case(s) of the candidate(s) booked for use of unfair means and/or for resorting to disorderly conduct in University examinations shall be dealt in accordance with the following rules:

Part	Offence	Punishment
A	<p>i) Where the candidate is found talking to another candidate or any person inside or outside the examination hall, during the examination hours, without the permission of a member of the supervisory staff.</p> <p>ii) Where the candidate commit breach of any other Direction to candidate for Examinations as contained in the code of conduct.</p>	Cancellation of the Examination in the paper of the day of incident only and declaring the result on the basis of the performance of the candidate in the remaining papers/subjects the candidate shall be deemed to have secured zero mark in the paper so cancelled.
B	<p>i) Where the candidate is found having in her possession mobile phone, papers, books or notes or is found having written notes on the question paper or on any part of the clothes worn by her or on a part of her body or table or desk or is found in possession of ruler and/or instruments like; Set-squares protractors, slide rules etc. with notes written on them and which notes, papers or the material written on ruler or instrument, or on the question paper or on the question paper or on clothes worn by her or any part of her body, table or desk etc., could be helpful or of assistance to her in answering the paper she is taking or could be helpful or of assistance to other candidate in that examination hall, but the candidate</p>	Cancellation of the Entire Examination

	<p>has not attempted to take any assistance herself of give any assistance to any other candidate from such material.</p> <p>ii) Where the candidate intentionally tears off the answer book or a part there of or a continuation sheet.</p> <p>iii) Where the candidate deliberately discloses her identity or makes any distinctive mark in the answer book for that purpose in contravention of any general rules in this behalf.</p> <p>iv) Where the candidates uses abusive or obscene language in the answer book.</p> <p>v) Where the candidate is guilty of misbehavior in connection with the examination, with the Superintendent of centre, the invigilator on duty and the other staff working at the examination Centre or with any other candidate in or around the Examination Centre before, during or after the examination.</p> <p>vi) Where the candidate leaves the examination room before expiry of half an hour without the written permission of the Superintendent of the centre and/or without handing the answer book to the invigilator/In-charge and/or without signing the attendance sheet.</p>	
C	<p>i) Where the candidate is found having in her possession mobile phone, papers, books or notes or is found having written notes on the question paper or on any part of the clothes worn by her or on any part of her body or table or is found in possession of foot rule and/or instruments like set-squares, protectors, slide rules with notes written on them and which notes papers books or the material written on foot rule or instruments, or on the question paper or on clothes worn by her or any part of her body, table or desk etc., could be helpful or of assistance to her in answering the paper she is taking or could be helpful or of assistance to other candidates in the examination hall and if the candidate has made actual use of material herself or given assistance thereof to any other candidate during the examination</p> <p>ii) Where the candidate assists or attempts to assist in any manner whatsoever any other candidate in answering the question paper during the examination hours.</p> <p>iii) Where the candidate takes assistance or attempts to take assistance from the other candidate or any other or from any book, paper, notes or other material in answering the question paper during the examination.</p> <p>iv) Where the answer book of the candidate shows or otherwise establishes that she has received or</p>	<p>Cancellation of the Entire Examination taken by the Candidate during the year and further debarring him from appearing at any Examination of the University within a span of one year (12months).</p>

	<p>attempts to receive any help from any other candidate or any source in a malafide manner or has given help or attempted to give help to another candidate in a manner during the examination hours.</p> <p>v) Where the candidate is found guilty of gross misbehavior i.e. threatening with physical force in connection with the examination with the superintendent of centre, the invigilator on duty or any other staff working at the Examination Centre or with any other candidate or around the Examination Centre, before, during after the Examination.</p> <p>vi) Where the candidate disturbs the Examination or attempts to do so.</p> <p>vii) Where the candidate on being challenged or searched during the course of examination by the Superintendent of centre or any invigilates or by any member or the exam staff on duty, swallows a note or paper or runs with it or is guilty of causing disappearance or destroying any such material with the intention of obliterating the evidence of her having possessed material.</p>	
D	<p>i) Where the candidate brings in the exam room unauthorized answer book or continuation sheet</p> <p>ii) Where the candidate sends out an answer book or paper thereof or a continuation sheet or the question paper or any material concerning thereto.</p> <p>iii) Where the candidate replaces during the course of the examination her answer book or any page or continuation sheet with any other unauthorized book, page or continuation sheet.</p> <p>iv) Where the candidate communicates or attempts to communicate directly or through a relative, guardian, friend or any other person with an examiner with the object of influencing him in the award of marks.</p> <p>v) Where the candidate replaces or gets replaced an answer book or its any page or continuation sheet after the examination or manages to write or gets written an answer book including the continuation sheet, if an answer to any of the questions which he had not written earlier during the examination.</p>	<p>Cancellation the Entire Examination taken by the candidate and further debarring him at any Examination of the Board during the span of two years (24 months).</p>
E	<p>i) Where the candidate is guilty of gross misbehavior in connection with the examination with the Superintendent of Centre / the invigilator on duty or the other staff working at the Examination Centre, before during or after the examination and has also extended to such person a threat violent action with a weapon of offence.</p> <p>ii) Where the candidate has impersonated at the examination.</p>	<p>Cancellation of the entire Examination taken by the candidate and further debarring him at any Examination of the Board during the span of three years (36 months).</p>

	iii) The impersonator so impersonating (if a student of any course or a candidate for any examination) shall also be liable to the same punishment.	
F	i) Where the candidate incites others to leave the exam or attempts to do so. ii) Where the candidate is guilty of gross misbehavior in connection with the examination with the invigilator on duty or other staff working at the examination and is also guilty of assault or inflicting any injury on such person. iii) Candidate is guilty of forging the signatures on authority on the record book presented as a part of practical exam., or any document required in connection with the Examination.	Cancellation of the Entire Examination taken by the candidate and further debarring her at any Examination of the University during the span of give years (60 months).

Note:

- (1) Having once made use of dishonest or unfair-means or having once indulged in disorderly conduct in the examination, if the candidate again makes use of dishonest or unfair-means or indulges in disorderly conduct in the same examination, she shall be awarded punishment prescribed in that sub-clause which is next to the one in which her case falls or any higher punishment.
- (2) Cases of use of unfair-means or disorderly conduct of the examination, for charges not covered by the foregoing provisions shall be decided by the Unfair Means Scrutiny Committee on the individual merits of the case.

18. PROCEDURE FOR DECIDING UNFAIR-MEANS CASES REPORTED BY SUPERINTENDENT OF CENTRE/ ANTI-COPYING SQUAD.

- i) On receipt of a report of use of unfair means from Superintendent of Centre / Examiner or any other person, the Controller of Examination shall issue notices to the candidates who have used or are suspected to have used unfair means for providing opportunity to explain their position before the 'Unfair Means Scrutiny Committee' either in writing or in person. In no case more than two chances to appear before the Unfair Means Scrutiny Committee shall be given to a student.
- ii) The Unfair Means Scrutiny Committee appointed by the Vice-Chancellor shall then deal with and decide cases of the alleged use of unfair-means or misconduct of the candidate in connection with the examination and decision of the Unfair Means Scrutiny Committee in all cases of malpractice reported to it, shall be final.
- iii) The Unfair Means Scrutiny Committee shall finally decide the reported cases of unfair means and communicate its decision within 6 weeks from the last day of the examinations. In case of report of malpractice from the Examiners during the course of evaluating the answer scripts, the period of 6 weeks will be counted from the date of receipt of such report.
- iv) A student alleged to have indulged in unfair means and/or disorderly conduct shall be provisionally allowed to attend the next higher class pending the decision of the Unfair Means Scrutiny Committee but shall forfeit the benefit of provisional facility if found guilty.
- v) The condition of providing of minimum period of the punishment as provided under the Unfair Means rules may be relaxed by the Unfair Means Scrutiny Committee which is fully empowered to decide the period of disqualification/debarring the candidates found to have committed malpractice in the Examination.

ANTI RAGGING

It is compulsory for all the students to kindly fill the Anti-Ragging Undertaking online on <https://antiragging.in/>. The following steps need to be followed:

1. Open the link <https://antiragging.in/> in your web browser.
2. Click on “Click here to fill your anti-ragging undertaking” on the left side of the screen.
3. Click next button on the top right of the screen.
4. Fill the personal details.
5. Fill the Parent or Guardian details
6. Fill College details.
7. Fill Course details.
8. After filling all the required fields, you need to click on Next button.
9. You need to check all the checkboxes, then click on “Submit” button.
10. The final pop-up message would confirm that you have online registered successfully and you have to fill the Confidential Survey also. Click on OK button, this will redirect on Confidential Survey form.
11. Kindly select on option for each question and “Submit”.

ANTI-RAGGING COMMITTEE

SNo.	Name	Designation	Mobile	E-mail
1.	Prof. R.K Singh, Registrar, IGDTUW	Chair-person	9899099070	registrar@igdtuw.ac.in
2	SHO, Kashmere Gate	Member	8750870123	sho-kashmirigate@nic.in
3	Shri Anil Kumar, SO (Vigilance), DTTE GNCTD	Member	9810763634	anildahiyag@gmail.com
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5	Mr. AnkitPanday, Hindustan Times	Member	9650526222	ankit.panday@hindustantimes.com
6	Prof. RanuGadi, Dean (R&C), IGDTUW	Member	9810816461	ranugadi@igdtuw.ac.in
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8	Ms. Shreya Singhal	Student Member	9711595301	shreya027btit@
9	Mrs. Sarwar Rukhsana Sadique Mother of Ms. Aleena Sadique, student of BBA	Member	9910569098	ssruqi@rediffmail.com
10	Representation of 1st year student	Member		

ANTI-RAGGING SQUARD

SNo.	Name	Designation	Mobile	E-mail
1	Prof. Vandana Niranjan	Chairperson	9871114328	vandananiranjan@igdtuw.ac.in
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3	Ms. Vandana Section Officer	Member	7017965646	vandana@igdtuw.ac.in
4	Ms. Sarika, Hostel Warden	Member	9368220018	sarika@igdtuw.ac.in
5	Mr. Umesh Gupta, Sr. TA Tec	Member	9871079505	umeshchandgupta@igdtuw.ac.in
6	Niketa Yadav, M.Tech (IT-CS)	Student Member	9911047766	niketa010mtit23@igdtuw.ac.in

MEMORANDUM OF UNDERSTANDING (MOU)

MOUS with the prestigious international/ national organization for research & academic growth

ACADEMIC COLLABORATIONS

- University of Wollongong, Australia for 2+2 Degree progression for B.Tech (CSE) and B.Tech (MAE) Program
- James Cook University (JCU), Australia for Dual Degree (Ph.D.)
- Nara Institute of Science and Technology (NAIST), JAPAN for research & internship
- IAAM Sweden for joint programs/ research
- UniMAP- University of Malaysia, Perlis for Research/ student or faculty exchange.
- Centre for Ecology & Hydrology CEH, UK
- Moykop State Technological University, Russia
- IIT Pune
- SVNIT, Surat
- UNESCO-MGIEP Institute to promote Social and Emotional Learning
- International Chapters
 - OSA (Optical Society of America)
 - ASME
 - IEEE
 - ACM
 - WiBD (Women in Big Data)
 - Enactus... and many more

INDUSTRY COLLABORATIONS

- MoU with **Cisco & NASSCOM FOUNDATION**– for ThingQbator Innovation Lab
- **IBM, Amazon & ServiceNow** – Internships, Placements, Workshops, Academic Growth & Research
- MoU with **GiZ Germany** – For Mentorship Sessions/Hackathon to promote innovation
- **Sharman Foundation & EATON Foundation** - Disbursing scholarships besides placements/ internships
- **Omega Seiki Mobility (OSM)** for Electrical Vehicle Testing Lab/ charging station
- **Ennoble IP & Ortis Law Offices** – for IPR & Patents related services
- MoU with **NEXUS Incubation Hub, American Centre** for Incubation and Skill Development
- **Cyber Peace Foundation**
- **Rekhi Foundation for Happiness, USA**

GOVERNMENT COLLABORATIONS

- **CFSL (Central Forensic Science Laboratory)**, under **Ministry of Home Affairs, GoI**, for development and delivery of real-time research products based upon Cyber Security.
- **FSL (Forensic Science Laboratory), Delhi** for collaborative research.
- **CDAC, Noida** for joint Academic and Research collaborative activities
- **Delhi Police Staff for Training** on Cyber Security & Cyber Crime
- **Municipal Corporation of Delhi (MCD)** for Urban Planning.
- **DSSSB, IPGCL & Department of POST** for providing infrastructure & consultancy support for the Recruitment process especially on the Saturday/Sunday.
- And other bodies such as **DST, MeitY, DietY, DKDF**, etc.

Teaching Scheme of PG Programs

**Master of Technology (M.Tech.)
Computer Science and Engineering
(Artificial Intelligence)**

First Semester

S.No.	Code	Subject	L-T-P	Credits	Category
1.	MCS-101	Machine Learning	3-0-2	4	DCC
2.	MAS-101	Mathematics for AI	3-1-0	4	DCC
3.	MCS-103	Intelligent Data and Information Retrieval	3-0-2	4	DCC
4.	MCS-105	Advanced Data Structures and Algorithms	3-0-2	4	DCC
5.	GEC-101	Generic Open Elective-I	2-0-0/ 1-1-0/ 0-0-2	2	GEC
6.	DEC-1xx	Departmental Elective Course-1	3-0-2/ 3-1-0	4	DEC
		Total		22	

Second Semester

S.No.	Code	Subject	L-T-P	Credits	Category
1.	MCS-102	Deep Learning	3-0-2	4	DCC
2.	MCS-104	Natural Language Processing	3-0-2	4	DCC
3.	DEC-1xx	Departmental Elective Course-2	3-0-2	4	DEC
4.	DEC-1xx	Departmental Elective Course-3	3-0-2/ 3-1-0	4	DEC
5.	DEC-1xx	Departmental Elective Course-4	3-0-2/ 3-1-0	4	DEC
6.	ROC-102	Research Methodology and publication ethics	4-0-0	4	ROC
		Total		24	

List of Departmental Elective Courses

Category	Code	Subject	Credits
Departmental Elective Course-1	MCS-107	Agent Based Intelligent Systems	3-0-2
	MCS-109	AI based Programming Tools	3-0-2
	MCS-111	Knowledge Engineering	3-0-2
Departmental Elective Course-2	MCS-106	Cloud Computing	3-0-2
	MCS-108	Iot and its Applications in AI	3-0-2
	MCS-110	Big Data Analytics	3-0-2
Departmental Elective Course-3	MCS-112	Digital Image Processing	3-0-2
	MCS-114	Reinforcement Learning	3-0-2
	MCS-116	Computer Vision	3-0-2
Departmental Elective Course-4	MCS-118	Speech Processing and Speech Recognition	3-0-2
	MCS-120	Probabilistic Graphical Models	3-0-2
	MCS-122	Video Analytics	3-0-2
	MCS-124	Parallel Algorithms	3-0-2
	MIS-118	Machine Learning in Cyber Security	3-0-2
Departmental Elective Course-5	MCS-201	Conversational AI	3-0-0
	MCS-203	Human Computer Interaction	3-0-0
	MCS-205	Ethics in AI	3-0-0
And	MCS-207	Cognitive Computing	3-0-0
Departmental Elective Course-6	MCS-209	Robotics and Applications	3-0-0
	MCS-211	Mobile Application Development	2-0-2
	MCS-213	Wireless Sensor Networks	3-0-0
	MIS-203	Blockchain Fundamentals	2-0-2

**Master of Technology (M.Tech.)
Electronics and Communication Engineering
(VLSI Design)**

First Semester

S.No.	Code	Subject	L-T-P	Credits	Category
1.	MVD-101	CMOS Analog Circuit Design	3-0-2	4	DCC
2.	MVD-103	Semiconductor Devices for Digital Integrated Circuits	3-0-2	4	DCC
3.	MVD-105	Hardware Description Languages	3-0-2	4	DCC
4.	MVD-107	Advanced IC Processing	3-1-0	4	DCC
5.	MVD-1xx	Department Elective Course-1	3-0-2 3-1-0	4	DEC
6.	GEC-101	Generic Open Elective-I	2-0-0/ 1-1-0/ 0-0-4	2	GEC
		Total		22	

Second Semester

S.No.	Code	Subject	L-T-P	Credits	Category
1.	MVD-102	Digital VLSI Design	3-0-2	4	DCC
2.	MVD-104	Advances in Emerging VLSI	3-1-2	4	DCC
3.	MVD-1xx	Departmental Elective Course-2	3-0-2/ 3-1-0	4	DEC
4.	MVD-1xx	Departmental Elective Course-3	3-0-2/ 3-1-0	4	DEC
5.	MVD-1xx	Departmental Elective Course-4	3-0-2/ 3-1-0	4	DEC
6.	ROC-102	Research Methodology and Publication Ethics	3-1-0	4	ROC
		Total		24	

List of Departmental Elective Courses

Category	Code	Subject	Credits
Departmental Elective Course-1	MVD-109	Digital System Design with FPGA	3-0-2
	MVD-111	MEMS & Microsystems	3-1-0
	MVD-113	Advanced Embedded Systems Design	3-0-2
	MVD-115	Machine Learning and Computer Vision	3-0-2
	MVD-117	Internet of Things	3-1-0
Departmental Elective Course-2	MVD-106	Device Modeling & Circuit Simulation	3-1-0
	MVD-108	Semiconductor Memory Design	3-1-0
	MVD-110	Analog Filter Design	3-0-2
	MVD-112	Digital Techniques for High Speed Design	3-0-2
	MVD-114	Neural Networks in Embedded Applications	3-0-2
Departmental Elective Course-3	MVD-116	CMOS Mixed-Signal VLSI Design	3-1-0
	MVD-118	CAD for VLSI	3-1-0
	MVD-120	Low Power VLSI Design	3-0-2
	MVD-122	Analog Integrated Circuits	3-0-2
	MVD-124	Digital Signal Processing	3-0-2
Departmental Elective Course-4	MVD-126	VLSI Design Algorithms	3-1-0
	MVD-128	VLSI Design Techniques for Analog IC	3-1-0
	MVD-130	Data Structures	3-0-2
	MVD-132	Artificial Neural Networks and Deep Learning	3-0-2
	MVD-134	Advance Image Processing	3-0-2
Departmental Elective Course-5	MVD-201	ASIC and SoC Design	3-0-0
	MVD-203	Deep Submicron CMOS ICs	3-0-0
	MVD-205	VLSI Applications in Medical Domain	3-0-0
	MVD-207	Mature Inspired VLSI Circuits	3-0-0
	MVD-209	VLSI Interconnects	3-0-0
Departmental Elective Course-6	MVD-211	VLSI Design Verification and Test	2-0-2
	MVD-213	VLSI Testing	2-0-2
	MVD-215	Security and Safety in VLSI Circuits and Systems	2-0-2
	MVD-217	Pattern Recognition and Applications	3-0-0
	MVD-219	Optimization Techniques for Digital VLSI Design	2-0-2

**Master of Technology (M.Tech.)
Information Technology
(Cyber Security)**

First Semester

S.No.	Code	Subject	L-T-P	Credits	Category
1.	MIS-101	Advanced Programming	3-0-2	4	DCC
2.	MIS-103	Advances in Machine Learning	3-0-2	4	DCC
3.	MCS-105	Advanced Data Structures and Algorithms	3-0-2	4	DCC
4.	MIS-105	Fundamentals of Information Security	3-1-0	4	DCC
5.	GEC-101	Generic Open Elective-I	2-0-0/ 1-1-0/ 0-0-4	2	GEC
6.	DEC-1xx	Departmental Elective Course-1	3-1-0/ 3-0-2	4	DEC
		Total		21	

Second Semester

S.No.	Code	Subject	L-T-P	Credits	Category
1.	MIS-102	Secure Coding and Security Engineering	3-0-2	4	DCC
2.	MIS-104	Applied Cryptography	3-1-0	4	DCC
3.	DEC-1xx	Departmental Elective Course-2	3-0-2/ 3-1-0	4	DEC
4.	DEC-1xx	Departmental Elective Course-3	3-0-2/ 3-1-0	4	DEC
5.	DEC-1xx	Departmental Elective Course-4	3-0-2/ 3-1-0	4	DEC
6.	ROC-902	Research Methodology and Publication Ethics	3-1-0	4	ROC
		Total		24	

List of Departmental Elective Courses

Category	Code	Subject	Credits
Departmental Elective Course-1	MIS-107	Cyber Security and Forensics	3-0-2
	MIS-109	Digital Identity and Access Management	3-0-2
	MIS-111	Cyber Threat Intelligence	3-1-0
Departmental Elective Course-2	MIS-106	Mathematics for Machine Learning	3-1-0
	MIS-108	Cyber Risk Management	3-1-0
	MIS-110	Cryptographic Protocols and Algorithms	3-1-0
Departmental Elective Course-3	MIS-112	Security Patterns	3-0-2
	MIS-114	Applications of Machine Learning in Cyber Security	3-0-2
	MIS-116	Advanced Network Technology	3-0-2
Departmental Elective Course-4	MIS-118	Cyber Laws and Rights	3-1-0
	MIS-120	Security and Privacy in Social Networks	3-1-0
	MIS-122	Software Defined Networks	3-1-0
Departmental Elective Course-5	MIS-201	Ethical Hacking	3-0-0
	MIS-203	Cloud Computing Architecture and Security	2-0-2
	MIS-205	Security Testing and Risk Management	2-0-2
Departmental Elective Course-6	MIS-207	Natural Language Processing	2-0-2
	MIS-209	Neural Networks and Deep Learning	2-0-2
	MIS-211	Blockchain Fundamentals	2-0-2

**Master of Technology (M.Tech.)
Artificial Intelligence and Data Science**

First Semester

S.No.	Code	Subject	L-T-P	Credits	Category
1.	MCS-101	Machine Learning	3-0-2	4	DCC
2.	MAI-101	Advanced Database Management System	3-0-2	4	DCC
3.	MAI-103	Mathematical Foundation for Data Science	3-0-2	4	DCC
4.	MCS-105	Advanced Data Structure and Algorithms	3-0-2	4	DCC
5.	GEC-101	Generic Open Elective-I	2-0-0/ 1-1-0/ 0-0-2	2	GEC
6.	DEC-1xx	Departmental Elective Course-1	3-0-2/ 3-1-0	4	DEC
		Total		22	

Second Semester

S.No.	Code	Subject	L-T-P	Credits	Category
1.	MAI-102	Advanced Machine Learning	3-0-2	4	DCC
2.	MCS-102	Deep Learning	3-0-2	4	DCC
3.	DEC-1xx	Departmental Elective Course-2	3-0-2	4	DEC
4.	DEC-1xx	Departmental Elective Course-3	3-0-2	4	DEC
5.	DEC-1xx	Departmental Elective Course-4	3-0-2	4	DEC
6.	ROC-102	Research Methodology and Publication Ethics	4-0-0	4	ROC
		Total		24	

List of Departmental Elective Courses

Category	Code	Subject	Credits
Departmental Elective Course-1	MCS-103	Intelligent Data and Information Retrieval	3-0-2
	MCS-107	Agent Based Intelligent Systems	3-0-2
	MCS-109	AI based Programming Tools	3-0-2
	MCS-111	Knowledge Engineering	3-0-2
Departmental Elective Course-2	MCS-104	Natural Language Processing	3-0-2
	MAI-104	Applications of AI in IoT	3-0-2
Departmental Elective Course-3	MCS-110	Big Data Analytics	3-0-2
	MC S-112	Digital Image Processing	3-0-2
	MCS-114	Reinforcement Learning	3-0-2
Departmental Elective Course-4	MCS-116	Computer Vision	3-0-2
	MCS-118	Speech Processing and Speech Recognition	3-0-2
	MAI-106	Optimizing Compilers	3-0-2
	MAI-108	Advanced Data warehousing and Data mining	3-0-2
	MAI-110	Recommendation Systems	3-0-2
	MIS-118	Machine Learning in Cyber Security	3-0-2

Master of Computer Applications (MCA)

First Semester

S.No	Code	Subject	L-T-P	Credits	Category
1.	MCA-101	Programming with Python	3-0-2	4	DCC
2.	MCA-103	Database Management Systems	3-0-2	4	DCC
3.	MCA-105	Data and File Structures	3-0-2	4	DCC
4.	MCA-107	Operating Systems	3-0-2	4	DCC
5.	HMC-101	Professional Skills	3-0-0	3	HMC
6.	MCA-109	IT Workshop-I	1-0-2	2	DCC
7.	BCS-110	Programming in C language	Noncredit courses, mandatory to pass for students with B.Sc./B.Com./B.A. degree with Mathematics at 10+2 Level or at Graduation Level		Bridge course
8.	BCS-203	Discrete Structures			
Total				21	

Second Semester

S.No.	Code	Subject	L-T-P	Credits	Category
1.	MCA-102	Object Oriented Programming using Java	3-0-2	4	DCC
2.	MCA-104	Machine Learning	3-0-2	4	DCC
3.	MCA-106	Software Engineering	3-0-2	4	DCC
4.	MCA-108	Data Communication and Computer Networks	3-0-2	4	DCC
5.	MCA-110	IT Workshop-II	1-0-2	2	DCC
6.	HMC-102	Human Values and Professional Ethics	3-0-0	3	HMC
7.	GEC-102	Generic Open Elective	0-2-0 0-0-4 2-0-0	2	GEC
Total				23	

List of Departmental Elective Courses

Category	Code	Subject	Credits
Departmental Elective Course (DEC)	MCA-207	Cyber Security	3-0-2
	MCA-209	Cryptography and Network Security	3-0-2
	MCA-211	Requirements Engineering	3-1-0
	MCA-213	Cloud Computing and IoT	3-0-2
	MCA-215	Blockchain Technologies	3-0-2
	MCA-217	Privacy and Security in Online Social Networks	3-0-2
	MCA-219	Mobile Computing	3-0-2
	MCA-221	Soft Computing	3-0-2
	MCA-223	Web-based Programming	3-0-2
	MCA-225	Front End Design Techniques	3-0-2
	MCA-227	Software Project Management	3-0-2
	MCA-229	Agile Methodology and DevOps	3-1-0
	MCA-231	Digital Image Processing and Computer Vision	3-0-2
	MCA-233	Computer Graphics and Animation	3-0-2
	MCA-235	Conceptual Modelling	3-0-2
	MCA-237	Natural Language Processing	3-0-2
	MCA-239	Wireless networks	3-0-2

Master of Business Administration (MBA)

First Semester

S.No.	Code	Subject	L-T-P	Credits	Category
1.	MMS-101	Management Process and Organizational Behavior	3-1-0	4	DCC
2.	MMS-103	Financial Reporting and Analysis	3-1-0	4	DCC
3.	MMS-105	Marketing Management	3-1-0	4	DCC
4.	MMS-107	Decision Sciences	3-1-0	4	DCC
5.	MMS-109	Legal Aspects of Management	3-1-0	4	DCC
6.	MMS-111	Management Accounting	2-0-0	2	DCC
7.	AMC-151	Management Economics	3-1-0	4	AMC
8.	AMC-153	Business Communication	3-1-0	4	AMC
		Total		30	

Second Semester

S.No	Code	Subject	L-T-P	Credits	Category
1.	MMS-102	Human Resource Management	3-1-0	4	DCC
2.	MMS-104	Financial Management	3-1-0	4	DCC
3.	MMS-106	Business Research Methods	3-1-0	4	DCC
4.	MMS-108	Business Environment	3-1-0	4	DCC
5.	MMS-110	Knowledge and Intellectual Capital Management	3-1-0	4	DCC
6.	MMS-112	Operations Management	3-1-0	4	DCC
7.	AMC-152	Information Technology and Innovation Management	3-1-0	4	AMC
8.	AMC-154	Data Analysis Lab	0-1-2	2	AMC
9.	GEC-XXX*		2-0-0	2	GEC
		Total		32	

**Master of Planning (M.Plan)
(Urban Planning)**

First Semester

S.No	Code	Subject	L-S-P	Credit	Category
1	MUP-101	Planning Studio	0-0-8	4	DCC
2	MUP-103	Housing & Environmental Planning	2-0-0	2	DCC
3	MUP-105	Planning Techniques	2-0-0	2	DCC
4	MUP-107	Infrastructure and Mobility Planning	2-0-0	2	DCC
5	MUP-109	Planning History & Theories	2-0-0	2	DCC
6	MUP-111	Women and Habitat	2-0-0	2	HMC
7	MUP-113	Demographics and Statistical Analysis	0-0-2	1	HMC
8	MUP-115	Urban Informatics and Analytics	0-0-4	2	BSAE
9	GEC-101	Generic Open Elective	0-0-4 2-0-0 0-2-0	2	GEC
			Total	19	

Second Semester

S.No	Code	Subject	L-S-P	Credit	Category
1	MUP-102	Planning Studio	0-0-8	4	DCC
2	MUP-104	Planning Legislation and Governance	2-0-0	2	HMC
3	MUP-106	Sustainable Development	2-0-0	2	BSAE
4	MUP-108	GIS & Remote Sensing	2-0-0	2	BSAE
5	MUP-110	GIS Lab	0-0-6	3	BSAE
6	MUP-112	Departmental Elective Course-1	0-0-4	2	DEC
	MUP-114				
	MUP-116				
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7	MUP-118	Departmental Elective Course-2	0-0-4	2	DEC
	MUP-120				
	MUP-122				
	*				
			Total	17	

Note:

Students have to undergo Professional Training after completion of second semester, during summer vacations. The same shall be evaluated in semester 3.