# Academics IIT Delhi

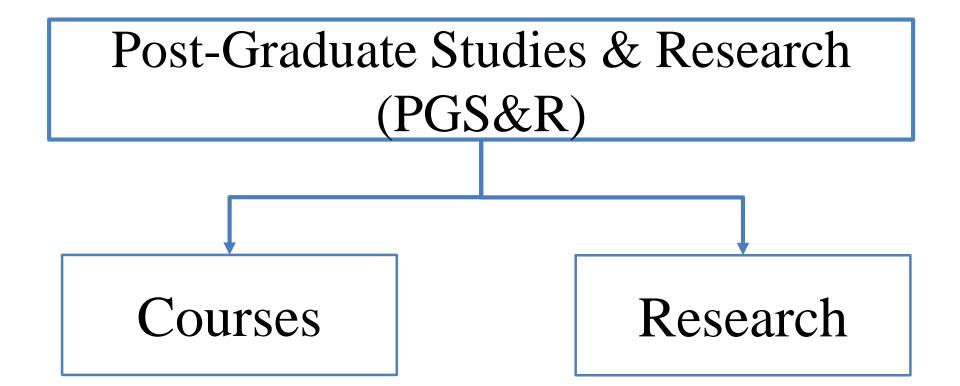
# Congratulations!

#### Academics Team

- Prof. Shantanu Roy: Dean, Academics
- Prof. K. Sreenadh: Associate Dean (PG Research)
- Prof. Anupam Shukla: Associate Dean (Curriculum)
- Prof. Pritha Chandra: Asscociate Dean (Outreach & New Initiatives)
- Mr. Atul Vyas: Joint Registrar, Academics
- Mr. Gokul Dev Bahuguna: AR, Academics (PG)
- Mr. Ashok Kumar: Superintendent, PGS&R
- Mr. Suresh Gohar: Assistant Registrar (UGS)
- Academics Section
  - PG Section (PGS&R)
  - UG Section (UGS)

#### Salient Features

- Emphasis on fundamentals
- Credit System
- Continuous Evaluation and Attendance Policy
- Time Table and Slots System
- Grading and Grade Point Average
- Continuation/Termination Rules
- Discipline and Ethics



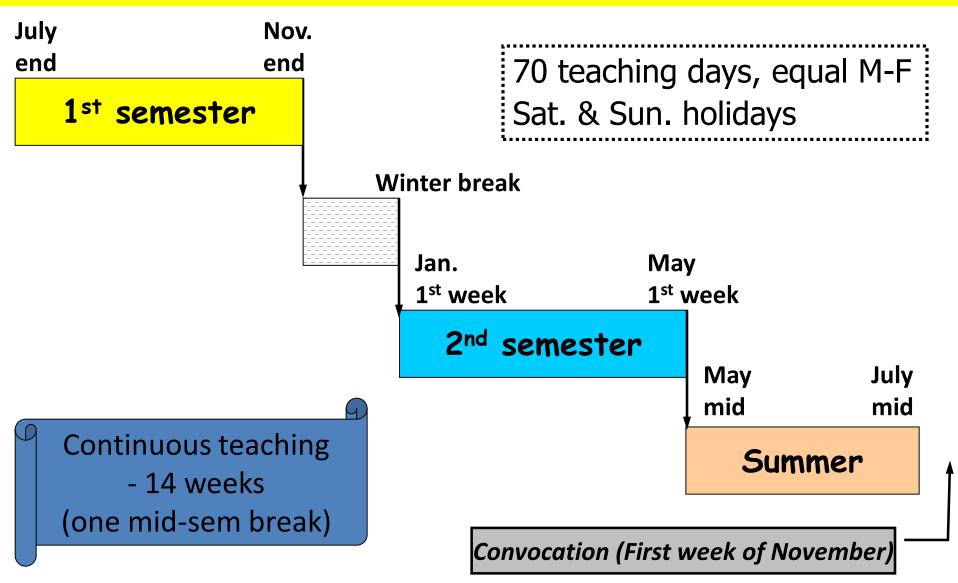
#### Breakup of Courses and Research

- PG programs tend to be research heavy: PhD, MS(R) are mainly research-specific programs
- However, in all courses there is coursework requirements
- Research component is governed by academic rules for regular evaluation, stage-wise qualification into the research programme, thesis submission and viva (details of this will be communicated in a meeting to be scheduled shortly)

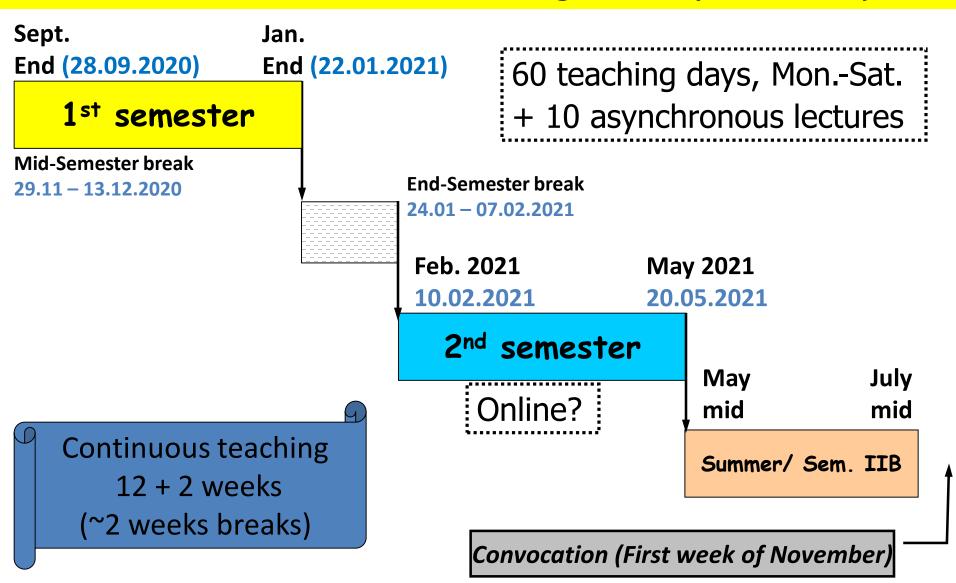
# Coursework: Fundamental and Applied Courses

- Technology & Methods: can become obsolete
- Underlying Concepts: never obsolete
- Focus of IIT education: Fundamentals and Research Methodology
- PG curriculum has emphasis on research and development.
- Self-learning is an important and integral part.

## Typical academic year



#### Current academic year (online)



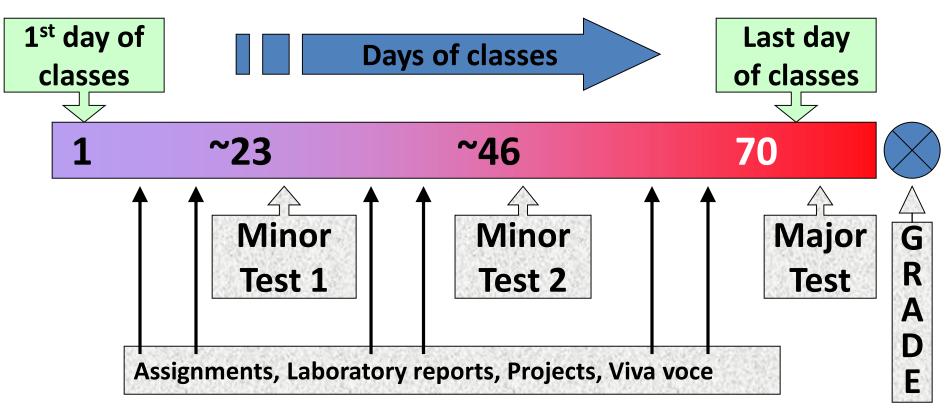
#### Concept of Credits

- Each semester, a student registers for 4-5 courses
- Each course is associated with a certain number of credits, which defines its weightage:
  - Acts as a mechanism for
    - time budgeting
    - program structuring
    - computing overall score
- Credits for a course = no. of lecture hrs/wk = 0.5\*no. of practical hrs/wk
- Each lecture course has about 20-25% syllabus for self-learning. This is part of evaluation, included in the exams/tests.

#### Credit System Features

- Credit System Provides flexibility to the student
  - To choose the semester-wise load as per constraints
    - Medical Absence: semester withdrawal
    - Semester break for other activities (internship, etc.)
- Minimum number of credits in different types of courses to be completed for degree requirement

# A typical Course



• Team: Course Coordinator, other course teachers, tutors, laboratory instructors (Faculty / TAs / Lab staff)

#### Evaluation and Grading

- Course coordinator (CC) is the ultimate authority in all decisions pertaining to a course: its policy, evaluation and grading
- Evaluation: weightages for evaluation components: decided by course coordinator and announced in advance
- With these fixed points, grade indicates your relative position in the class in most courses

#### Performance Index: GPA

- Letter grades awarded in courses:
  - A (10), A- (9), B(8), B- (7), C(6), C- (5) and D (4): pass grades
  - E(2) and F(0): fail grades
- Semester Grade Point Average (SGPA):

$$SGPA = \frac{\sum_{\text{all courses in a semester}} Course Credits \times Course Grade Points}{\sum_{\text{Course Credits}} Course Credits}$$

all courses in a semester

- Cumulative Grade Point Average (CGPA)
  - Grade Point Average for all courses from I semester until the date of calculation of CGPA
- Degree Grade Point Average
  - GPA in the best credits earned so far that may satisfy degree requirements

#### **Earned Credits**

- The courses in which a student has obtained 'D' (minimum pass grade) or a higher grade will be counted towards Earned/Valid Credits.
- In case of Major Project Part I and II, the minimum grade for passing the course is 'C'.
- Any course in which a student has obtained E or F grade will be treated a failed and will not be counted towards the earned credits.

#### Time Table and Slot System

- Slots: denoted by letters A, B, etc:
  - Each slot has a fixed timing of classes
    - e.g. Slot C has lecture classes from 8 am to 8.50 am on Tuesdays, Wednesdays and Fridays.
- You can register for only one course in a given slot
- PG lab courses are often scheduled by mutual convenience of teacher and students

#### Time Table and Slots...

#### Please check at http://timetable.iitd.ac.in

#### Slot timings (General - 4 cycles)

Day	8-8.50	9-9.50	10-10.50	11-11.50	12-12.50	CYCLE NO.	1-1.50	2-2.50	3-3.50		4-4.50	5-5.50	6-6.50		
Monday			В	н	J	1		AA			AB				
							TE1		PE1			м			
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							TE2	F	PE2			١ '			
							TF3	ı	PF3						
						4	PB4		PC4						
Wednesday	С					1	]								
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Wednesday	С	D	E	н	к	2	L/TG1	L/TG2	INSTI			EMINARS/ AR CLASS			
Wednesday	С	D	E	н	к	2	L/TG1	L/TG2							
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		D				2 3 4 1 2 3	TA2 TE3	A) B1	PE3	PC1	O REGULA	AR CLASS			
Thursday	A		В	F		2 3 4 1 2 3 4	TA2 TE3 TF4	AZ	PE3	PC1	AB	M M	ES)		
		D				2 3 4 1 2 3 4 1	TA2 TE3 TF4 TF1	AC AC	PE3	PC1	AB  AD	AR CLASS			
Thursday	A		В	F	н	2 3 4 1 2 3 4	TA2 TE3 TF4	AZ	PE3	PC1	AB  AD	M M	ES)		

#### Attendance Policy

- It is compulsory for every student to attend ALL classes.
- Missing classes due to medical / other emergency:
  - Make up for the missed topics by self study
  - If tests / quizzes / minor tests missed: contact course coordinator with medical certificate for a possible re-test
  - If Major test missed: apply for I (incomplete) grade through Head of Department
- Attendance policy (and associated penalty if any) for each course to be declared by the course coordinator at the beginning of the course
- Continuous unauthorized absence for more than 1 month: termination
- Leave rules: TA Duty

#### PhD/MS(R) students

- Will have separate orientation session on this shortly
- Important to meet / discuss with your programme coordinator and potential supervisor
- Your student-research committee (SRC) must be formed within 3 months
- Read the CoS for more details

#### Teaching Assistantship

- Notification of Assistantship after submission of GATE Score card, CSIR/UGC Award Letter and other documents mentioned in the admission letter.
- Eight hours per week TA work
- **IMPORTANT:** Assistantship holders to log-on into the academic website between 10<sup>th</sup> and 20<sup>th</sup> of every month for release of assistantship amount to their bank accounts.
- A fine of Rs. 500/- is imposed, if one does not log-in during this specified period.

## Teaching Assistantship

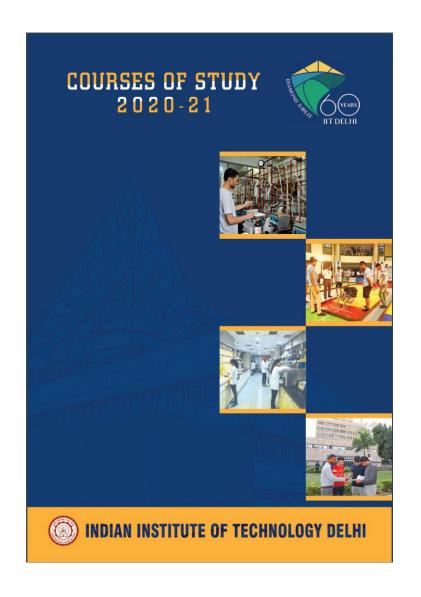
- Continuation of assistantship is subject to securing SGPA of 7 or more. For SGPA<7, the assistantship will be stopped for the following semester
- Leave entitlement for Research Scholars: 30 days a year, with consent from TA guide, project guide and programme coordinator. No vacation.
- Satisfactory discharge of TA duty: necessary for assistantship release

#### Continuation Rules

- To continue in a programme, you must achieve a minimum performance level in terms of SGPA in each semester.
- The rules relevant for your degree are given in the Courses of Study
- The termination rules are strict and without appeal, so please be well aware of those.

#### Courses of Study 2020-21

https://home.iitd.ac.in/uploads/Courses-of-Study 2020-2021.pdf





Form B (PG)

#### INDIAN INSTITUTE OF TECHNOLOGY DELHI Undertakings of awareness of academic rules at IIT Delhi

#### **UNDERTAKING BY STUDENT**

I,son/daughter/ward of
Mr./Ms
Date: Signature of the Student

#### Courses of Study 2020-21

https://home.iitd.ac.in/uploads/Courses-of-Study 2020-2021.pdf

#### Must read the following:

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#### Ethics and Discipline

- It is expected that all the students would behave responsibility and be disciplined.
- Unethical behaviour (copying, plagiarism, etc. <u>including in</u> <u>online classes and examinations</u>) and indiscipline is dealt with strictly through Disciplinary Action Committees
- The actions may include from failing in a course to cancellation of semester; heavy fines to expulsion from hostel/institute; every action normally includes debarring from holding posts or representing the Institute.
- Institute has very strict policies on ragging, bullying, sexual harassment, etc. which are implemented through severe disciplinary action.
- Hope you don't have to face this. Take care!

#### Recognition of Performance

- Excellence in academic performance is rewarded in several ways
- There are several institutional scholarships/prizes
- There are a number of donor scholarships/prizes
- For research scholars, there are schemes like RSTA and RETA for travelling to conferences abroad to present your work

#### Feedback or Support System

Contact the Course Coordinator

- → Contact the Programme Coordinator
- → Contact the Head of the Department
- → Contact Associate Dean/Dean, Academics
- → Contact the Director

#### Important points to note

- Login into academic website between 10<sup>th</sup> and 20<sup>th</sup> of each month to ensure continuation of assistantship
- Adhere to attendance and leave rules and discharge TA duty scrupulously
- Be aware of continuation rules: leave if you do not meet continuation criteria. For clarifications: contact programme coordinator / PG section/Associate Dean, PGS&R/ Dean, Academics

#### Joint PhD Programmes

- Distinct academic entities: University of Queensland – IIT Delhi and NCTU, Taiwan – IIT Delhi
- Academic rules are similar to IIT Delhi, but not same
- Details will be conveyed to you by Dean, AA&IP and Professors-In-Charge of the programs

#### International Students

- Separate orientation session is planned with Dean, Alumni Affairs and International Programmes (AA&IP)
- Any issues related to visa or other documentation – Please contact Dean, AA&IP Office
- Please convey any academic issues you are facing to Dean Academics office

#### Good Luck, and Welcome!