AGENDA

for
50th Meeting of the SENATE

Indraprastha Institute of Information Technology Delhi

Date: April 28, 2021

Time: 3.00 PM

Venue: **Meeting will be conducted online.**

                 Meeting link will be shared separately

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Contents

50.1   WELCOME AND OPENING REMARKS BY THE CHAIRPERSON

50.2   CONFIRMATION OF MINUTES OF THE 49ᵀᴴ MEETING OF THE SENATE

The minutes of the 49th meeting of the Senate held on January 27, 2021, placed at Annexure I, were circulated among the members. Based on the members' comments, the following are proposed to be added to the minutes of item no. 49.5.2.2

- Eligibility for such programs will be same as defined in the PG regulations.
- Program Name: Industrial Doctoral Program
- Program Fee : Rs.1.5 Lakh per annum (same as sponsored Ph.D. program)

The Senate may kindly consider the same for confirmation.

50.3   ACTION TAKEN REPORT

The Action Taken Report on the various decisions taken by the Senate in its 49ᵗʰ meeting held on January 27, 2021 is placed at Annexure II.

50.4   ITEMS FOR INFORMATION/ RATIFICATION

50.4.1   *General Matters*

50.4.1.1   To ratify the forgoing the financial penalty imposed on Ph.D. students due to Academic Warning

09 Ph.D. students were put under academic warning due to low CGPA and/or poor performance in their recent yearly review and hence their fellowship was also reduced as per PG Regulations and they were disallowed from doing TAship in the present semester (Winter 2021).

All of them had submitted their request through Advisors mentioning that the reason for degraded performance is the remote nature of classes. Remote mentoring has also affected research performance adversely.

Keeping in view requests of Ph.D. students forwarded through Advisors and with favorable recommendations of the DoAA & the Chair PG Affairs, the Director as Chairman, Senate approved that the warning of these students be continued for the remaining semester, however, the fellowship will not be reduced and also these students will be allowed to continue their TAships.

The Senate is requested to kindly ratify the approval given by the Chairman, Senate.

50.4.1.2   To ratify following proposals for TA stipend for UG students and BTP presentation date

1. Senate in its 48th meeting held on November 18, 2020 approved the new TA policy for UG students. It was agreed that under the new policy students will have 3 options to do TA duty, i.e. with stipend, for credits, and to volunteer for TA duty. Students who will do TA duty with stipend will be paid Rs.10,000 for a semester. Previously, UG student's stipend for TA work was Rs.6000 per month (for an effort of 8 hours per week). Somehow it was missed to take on record Senate's approval for TA's stipend (i.e. Rs.10,000 per course for a semester).

2. As per the Academic Calendar approved by the Senate the BTP presentation date for the current semester is May 7, 2021. Since the semester is being run online and the number of BTPs are more, it has been observed that it is to complete all presentations in a single day. It is hereby proposed to spread the BTP presentations over 2 days, i.e. May 10-11, 2021.

The Senate is requested to kindly ratify the approval given by the Chairman, Senate.

50.4.1.3   To consider the End of Semester Summary Report (Monsoon 2020)

A summary of various activities of academics undertaken in the previous semester (Monsoon 2020) including the performance of UG/PG/Ph.D. will be placed on table.

50.4.1.4   To ratify the calendar for the Summer Term 2021

The Chairman, Senate approved the attached academic calendar for the Summer Term 2021.

The Senate may kindly ratify the approval given by the Chairman, Senate.

50.4.1.5   To report the list of new courses approved during the Academic Year 2020-21

The list of new courses approved during the Academic Year 2020-21 is placed at Annexure-III.

50.4.1.6   To report the submission of NAAC Self Study report for Cycle 2 accreditation

The Cycle 1 NAAC Accreditation of the Institute has expired on May 31, 2020. However, due to the COVID-19 lockdown, NAAC gave extension to submit the SSR for Cycle 2 as and when the concerned State Government starts its operations. Further, after the Institute started functioning, we applied for Cycle 2 and were given 45 days to submit the SSR. Accordingly, the SSR has been submitted successfully on April 7, 2021. The next step is the physical visit by the NAAC team, which NAAC will notify in the due course.

The above is reported for information of the Senate.

50.4.1.7   To ratify the decision taken by Chairman Senate regarding closure of ongoing semester.

Considering the Covid1-9 pandemic and several requests received from students and faculty member, the committee, consisting of DoAA, AAC Chair, PGC-Chair, and UG-Chair recommended to implement the following measures for the closure of current semester:

a) The pending evaluations (including the end-sem exams) can be stopped immediately and marks can be normalized based on existing performance to relieve students of evaluations. The committee members noted that IIITD follows formative assessments and by the end-sem, a good number of evaluations have already taken place. Therefore, a normalization based on past performance will be an apt approach. There is no requirement to take the end-sem exam.

The committee noted that some students may still want an evaluation (those expecting to do better) and therefore individual instructors may take an exam for such students if such requests come and it is feasible. The decision of this exam format, if at all, is with the instructor only and as per the choice it could be online, viva-voce, or take-home, etc.

b) Only the last weeks of classes are pending. Some of the instructors may be in the middle of a topic, while some may be starting a new topic. It is advised that the instructor may complete their classes, but record them and share them with the students. If an instructor feels that last week's classes could be only revision classes then that will also be fine. The instructors are advised to discuss in the class and plan accordingly. For faculty who are COVID positive, they may request another faculty to cover classes or may share online resources or similar for the remaining classes.

c) For BTP evaluations, the BTP supervisor may discuss with other examiners and examinees to plan the BTP evaluations. There is a provision of 1 month of delay in the BTP evaluation and that can be used for better planning. The faculty are advised to consider a lenient approach that is cognizant of the stressful conditions that students are currently in. Some of the students may also be graduating and therefore need to complete.

The Chairman, Senate approved the above recommendation of the committee.

The Senate may kindly ratify the approval given by the Chairman, Senate.

50.4.1.8 **To report the status of Suit No. CJ/1151/2018, filed by Animesh Attri in the court of Hon'ble Shri Gaurav Gupta, Civil Judge Junior Division-x, Civil Courts, Amritsar**

The next date of hearing is scheduled for May 3, 2021.

50.4.1.9 **To report the status of Suit No. CS SCJ/116/19, filed by Nikhil Gautam in the court of Hon'ble Shri Sushil Anuj Tyagi, JSCC-cum-Addl. SCJ-cum- Guardian Judge, South East, Saket, District Court, New Delhi**

The next date of hearing was scheduled for July 9, 2021.

50.4.1.10 **To report the status of Compliance Affidavit filed by the Institute in the matter of Courts on its own Motion in re: Suicide Committed by Sushant Rohilla, Law Student of I.P. University (W.P.(CRL) 793/2017)**

The matter is pending before the Hon'ble High Court of Delhi. The last date of hearing was February 23, 2021 and the next date of hearing is not yet to be fixed.

50.5 ITEMS FOR DISCUSSION AND CONSIDERATION

50.5.1 *PG Matters*

50.5.1.1 **To consider the recommendation of the Academic Affairs Committee (AAC) regarding credit transfer under the Joint Ph.D. program with QUT**

The Academic Affairs Committee (AAC) in its 9th meeting held on December 23, 2020 vide Item No. 1, A (iii) discussed the request of 2 Ph.D. students; Namrata Bhattacharya & Pranjal Bhatia for credit transfer under the Joint Ph.D. program with QUT and observed/recommended as under:

"The course "IFN001 Advanced Information Research Skills (AIRS)" is a mandatory requirement towards the Joint Ph.D. program with QUT and is similar to the course titled "Research Methodology (RM)" offered by the Institute. Since RM is a mandatory course for Ph.D. students, the AAC has recommended the following:

i). The course "IFN001 Advanced Information Research Skills (AIRS)" will be allowed to be transferred against the "Research Methodology (RM)" course only and will not count towards the Ph.D. course credit requirement.

ii). The above recommendation will be applicable to all Ph.D. students admitted under the Joint Ph.D. program with QUT. A note of the above decision shall be kept in the QUT document for future reference."

The Senate may kindly consider and approve the above recommendation of the AAC.

50.5.1.2 **To consider and approve (i) the proposed FAQs concerning B.Tech., M.Tech. & Ph.D. students and the respective answers and (ii) the changes in the existing PG Regulation for supervision of M.Tech. thesis, recommended by the Academic Affairs Committee (AAC)**

The Academic Affairs Committee (AAC) in its 10th meeting held on February 10, 2021 has discussed and proposed some FAQs concerning B.Tech., M.Tech. & Ph.D. students and recommended answers to the respective FAQ as per details mentioned in Annexure IV. The AAC has also reviewed the existing provision in Clause **15 (4) a.** about supervision of M.Tech. thesis and has recommended for change in the regulation as under:

Current regulation states the following:	Proposed regulation changes:
"The M.Tech. thesis shall be done under the guidance of thesis supervisor(s), who shall be faculty member(s) of the Institute. A thesis may also have co-supervisors, who may be Adjunct Faculty of the Institute or external co-supervisors approved by the PG Committee."	The M.Tech. thesis shall be done under the guidance of thesis supervisor(s), who shall be **regular faculty member(s) of the Institute or a Visiting Faculty (with a Ph.D degree).** A thesis may also have co-supervisors, who may be Adjunct Faculty of the Institute or external co-supervisors approved by **the AAC**.

The Senate may kindly consider and approve the above recommendations of the AAC.

50.5.1.3 **To consider and approve the recommendation of the Academic Affairs Committee (AAC) regarding the timeline within which the students are required to defend the Ph.D. thesis after receiving evaluation reports from all the examiners**

The Academic Affairs Committee (AAC) in its 10th meeting held on February 10, 2021 discussed the issue of timeline within which the Ph.D. thesis defense is to be scheduled after receiving the evaluation reports from all the external examiners and observed/ recommended as under:

"Chair PG Affairs apprised the members of the background of the item. He also informed that as per present Ph.D. Thesis Evaluation Guidelines, there is no defined timeline within which the defense is to be scheduled after receiving the evaluation reports from all the

external examiners. The AAC discussed the item in detail and recommended that the student is required to address the comments of all the examiners (external & internal) within 8 weeks from the date of receipt of all evaluation reports and should be ready for the oral defense.

The Senate may kindly consider and approve the above recommendation of the AAC.

50.5.2   *Other Matters*

50.5.2.1   **To consider the revision in the formats of Degree/Certificates/Provisional certificate issued to IIITD students and suggest some more Convocation Awards.**

During the conduct of the 9th Convocation of the Institute which was held on September 26, 2020, the Chairman-BoG had shared following observations:
·   The degree, certificates and transcript needs redesigning.
·   Adding some security features in our degrees and transcripts.

Given the above observations of Chairman-BoG, an internal Committee at the Institute was constituted to take up the task. The Committee reviewed the content of the existing degrees/certificates, etc. and proposed the revised content of Degrees and Certificate to AAC through Email dated April 5, 2021. The AAC in its 12th meeting held on 14th April 2021 also discussed creating some new awards and changing the names of some of the existing awards. Below are the recommedations made by AAC:

1.   Renaming "Best Academic Performance Certificate" for UG students as "Institute Silver Medal". The "Best Academic Performance Certificate" is currently given to the toppers of each B.Tech. program other than the one who gets the Chancellor's Gold Medal, which is given to the topper of the entire B.Tech. batch. The AAC suggested that "Institute Silver Medal" should also be given to the topper of the entire B.Tech. batch, i.e., the topper of the entire B.Tech. batch should get both Chancellor's Gold medal and Institute Silver medal.

2.   Creating "Institute Silver Medal" for best academic performance in each M.Tech. program (i.e., one each in M.Tech. (CSE), M.Tech. (ECE) , M.Tech. (CB)) of the institute. The AAC also suggested renaming the "Gold Medal" for M.Tech. students (which is given to the topper of the entire M.Tech. batch) to the "Chancellor's Gold Medal". Similar to the proposal given for UG students, "Institute Silver Medal" should also be given to the M.Tech. batch topper, i.e., the topper of the entire M.Tech. batch should get both Chancellor's Gold medal and Institute Silver medal.

3.   Creating "Doctoral Dissertation Award" to recognize excellent work in doctoral dissertation. This will be given to the PhD students, who have received all reports in Category A in the initial review of the PhD thesis.

The revised content as suggested by the Committee is placed at Annexure V.

Further, the Committee also discussed the redesigning and adding security features in Degrees, Certificates and transcripts, and suggested hiring a professional designer to design these documents. The committee will provide all necessary inputs to the designer so that the redesigned documents visually reflect the vision of the Institution and instill a sense of value and pride in the

student receiving it. The design, style, typography and colours will be in tune with the aims, aspirations and brand value of the institution.

The Senate may kindly consider and approve the revised content as recommended by the Committee.

50.5.2.2   To consider and approve the plan for 1st year-2nd semester (to start form 3rd May 2021).

Considering the current conditions due to Covid1-9 pandemic and discussion with student body, a meeting of the academic team (Manager-Academics, DoAA, AAC/PGC/UGC Chairs) and the instructors of the 1st year, 2nd semester has been conducted on 19 April 2021 and the committee suggested to implement the following for the upcoming semester:

a) The instructor will have a choice to evaluate the 75% of the approved syllabus.
b) The number of evaluations, especially after the mid-sem exam, is to be limited to avoid an extreme number of deadlines that students have to go through. It is requested that the instructors plan the course evaluations such that total evaluations (including mid-sem and end-sem) are around 5 for a course.

The Senate may kindly consider and approve the above plan.

50.6   ANY OTHER ITEM WITH THE PERMISSION OF CHAIRPERSON

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<u>Minutes of the 49th meeting of the Senate of IIIT-D held online on January 27 , 2021 at 03.00 p.m. through Google meet</u>

Following were present:

- Prof. Ranjan Bose   Chairman
- Prof. Basabi Bhaumik   External Member
- Prof. P. Vigneswara Ilavarasan   External Member
- Prof. Dheeraj Sanghi   External Member
- Prof. Hema A. Murthy   External Member
- Dr. Kaushik Saha   External Member
- Dr. Lipika Dey   External Member
- Prof. Pushpendra Singh   Ex-Officio Internal Member
- Dr. Sujay Deb   Ex-Officio Internal Member
- Dr. Ganesh Bagler   Ex-Officio Internal Member
- Dr. Anuradha Sharma   Ex-Officio Internal Member
- Dr. Sumit Darak   Ex-Officio Internal Member
- Dr. Vikram Goyal   Ex-Officio   Internal Member
- Dr. Shobha Sundar Ram   Ex-Officio Internal Member
- Prof. G.P.S. Raghava   Ex-Officio Internal Member
- Dr. K. Sriram   Ex-Officio Internal Member
- Dr. Sneh Saurabh   IIITD Faculty
- Dr. Tanmoy Chakraborty   IIITD Faculty
- Dr. Angshul Majumdar   IIITD Faculty
- Dr. Anuj Grover   IIITD Faculty
- Dr. Tavpritesh Sethi   IIITD Faculty
- Dr. Angshu Das   IIITD Faculty (Spl. Invitee)
- Dr. Gayatri Nair   IIITD Faculty (Spl. Invitee)
- Dr. Paro Mishra   IIITD Faculty (Spl. Invitee)
- Dr. C. Anantaram   IIITD Faculty (Spl. Invitee)
- Dr. Vinayak Abrol   IIITD Faculty (Spl. Invitee)
- Dr. Pankaj Vajpayee   IIITD Faculty (Spl. Invitee)
- Dr. Manohar Khushalani   IIITD Faculty (Spl. Invitee)
- Dr. Arjun Ray   IIITD Faculty (Spl. Invitee)
- Dr. Indrani De Parker   IIITD Faculty (Spl. Invitee)
- Mr. Yash Gupta (2017210)   Student Rep.   (Spl. Invitee)
- Mr. Jay Rawal (2017240)   Student Rep.   (Spl. Invitee)
- Mr. K.P. Singh   Academic In-charge
- Ms. Sheetu Ahuja   Manager (Academics)
- Mr. Ashutosh Brahma   Asstt. Manager (Academics)
- Ms. Priti Patel   Asstt. Manager (Academics)
- Mr. Abhinav Srivastava   Jr. Manager (Academics)

MINUTES OF THE MEETING

49.1   WELCOME AND OPENING REMARKS BY THE CHAIRPERSON

Chairman, Senate welcomed all the members to the 49th meeting of the Senate and thanked them for their valuable contributions. Thereafter, agenda items were taken up for discussions.

49.2   CONFIRMATION OF MINUTES OF THE 48TH MEETING OF THE SENATE HELD ON NOVEMBER 18, 2020

The Minutes of the 48th meeting of the Senate held on November 18, 2020 were circulated among the members. In item no. 48.5.3.4. of the Minutes of the 48th meeting a small correction in the degree date was noted and the same was corrected to read as "June" instead of "May". No further comments were received. The Senate, therefore, confirmed the Minutes of the 48th meeting as circulated.

49.3   ACTION TAKEN REPORT

The Dean of Academic Affairs apprised the members of the action taken on the various decisions taken by the Senate in its 48th meeting held on November 18, 2020. The Senate noted the position.

49.4   ITEMS FOR INFORMATION/RATIFICATION

49.4.1   General Matters

49.4.1.1 To report status of B.Tech., M.Tech. and Ph.D. admissions for the year 2020.

The Dean of Academic Affairs presented the details of admissions made to B.Tech., M.Tech. and Ph.D. programs through various modes for Academic year 2020-21. Thereafter, Ms. Sheetu Ahuja, Manager (Academics) apprised the members of the various cut-offs at which the admissions were closed with bonus and without bonus points. It was noted that admissions in B.Tech. (CSAI) has impacted admissions in other disciplines as compared to last year. She also answered the queries made by the members during the course of deliberations about the minimum and maximum cut-offs of IIITD vis-à-vis DTU and NSUT in various disciplines. For admissions made in various categories in different disciplines a comparison is being made with respect to other participating institutions in Delhi and the same will be shared with the members in due course. Thereafter, the Senate noted with satisfaction the admissions made for Academic year 2020-21 and accepted the newly-admitted students as per the list annexed to the agenda.

Action: Academic Section

49.4.1.2 To report formation of Internal Quality Assurance Cell (IQAC) as per NAAC guidelines

The Dean of Academic Affairs informed that as per the decision of the 46th meeting of the Senate held on July 06, 2020 the following independent Internal Quality Assurance Cell (IQAC) has been formed in accordance with NAAC guidelines, with the approval of the Chairman, Senate. He also informed that earlier the TLC was asked to also function as IQAC but now an independent IQAC has been formed which will function as per NAAC guidelines:

1. Chairperson: Head of the Institution- Prof. Ranjan Bose, Director
2. Teachers to represent all levels (Three to eight):
       i. Dr. Pushpendra Singh, Professor
       ii. Dr. Angshul Majumdar, ASP
       iii. Dr. Anuj Grover, ASP
       iv. Dr. Sumit Darak, ASP
       v. Dr. Gayatri Nair, AP
       vi. Dr.Tanmoy Chakraborty, AP

3. One member from the Management: Prof. Dheeraj Sanghi

4. A few Senior Administrative Officers:
       i. Dr. Ashok Kumar Solanki, Registrar
       ii. Ms. Sheetu Ahuja, Manager (Academics)
       iii. Mr. K.D. Garg, Manager IRD

5. One nominee each from local society, Students and Alumni:

       i. Mr. Sanjay Roy, Project Cum Estate Officer
       ii. Ms. Anshu Malhotra (M.Tech. 2010 batch)
       iii. Mr. Harsh (M.Tech. 2018 batch)
       iv. Mr. Kshitiz Bakshi (B.Tech. 2010 batch)
       v. Ms. Nikita Juneja (B.Tech. 2010 batch)

6. One nominee each from Employers/Industrialists/Stakeholders:

       i. Mr. Ashwani Kumar Kansal, Deputy Director, TTE, Govt. of NCT of Delhi
       ii. Dr. Amarjeet Singh, AP
       iii. Dr. Kaushhik Saha, Samsung

7. One of the Sr. teachers as the Coordinator/Director of the IQAC: Dr.A.V.Subramanyam

After a brief discussion the Senate ratified the approval given by Chairman Senate for the formation of the above IQAC.

Action: Academic Section

49.4.1.3 To report the status of Suit No. CJ/1151/2018, filed by Animesh Attri in the court of Hon'ble Shri Gaurav Gupta, Civil Judge Junior Division-x, Civil Courts, Amritsar

The Senate noted the position.

49.4.1.4 To report the status of Suit No. CS SCJ/116/19, filed by Nikhil Gautam in the court of Hon'ble Shri Sushil Anuj Tyagi, JSCC-cum-Addl. SCJ-cum- Guardian Judge, South East, Saket, District Court, New Delhi

The Senate noted the position.

49.4.1.5 To report the status of Compliance Affidavit filed by the Institute in the matter of Courts on its own Motion in re: Suicide Committed by Sushant Rohilla, Law Student of I.P. University (W.P.(CRL) 793/2017)

The Senate noted the position.

49.4.1.6 To report the status of Writ Petition No.WP(C) 8757/2020, filed by Chayan Handoo in the Hon'ble High Court of Delhi against Govt. of NCT of Delhi and Ors.

The Senate noted with satisfaction the Order dated January 25, 2021 passed by the Hon'ble High Court of Delhi, in the Writ Petition No.WP(C) 8757/2020 filed by Chayan Handoo, in favour of the Respondents viz. Govt. of NCT of Delhi/ JAC 2020/IIITD.

Action: Academic Section

49.5   ITEMS FOR DISCUSSION AND CONSIDERATION

49.5.1 *UG related matters*

49.5.1.1 To consider the revised BTP guidelines recommended by the Academic Affairs Committee (AAC)

The Dean of Academic Affairs informed the members that the Academic Affairs Committee (AAC) in its 9th meeting held on December 23, 2020 has recommended revised BTP guidelines after incorporating various suggestions. These guidelines relate to Registration, Presentation/Evaluation and BTP Awards. The new changes introduced in the revised guidelines are highlighted. He also clarified the points raised by the members during the course of discussions. It was also clarified that these revised guidelines will be applicable from 2019 batch and the new award guidelines will be applicable from 2017 batch i.e. the next graduating batch. After detailed deliberations the Senate approved the revised BTP guidelines placed at Appendix-I.

Action: Academic Section

49.5.1.2 To consider a proposal for making changes in the regulations of B.Tech. CSE, CSD and   CSSS programs due to recent change in the core course of first year i.e. PIS to HCI

The Dean of Academic Affairs apprised the members of the background of the proposal. He also informed that the Senate in its 46th meeting held on July 6, 2020 had considered and approved the recommendation of the UGC to change the course **Prototyping Interactive Systems (PIS)**, scheduled in Semester 1 of the UG curriculum to **Introduction to HCI (IHCI)**. Since IHCI course is currently listed in some other program regulations, the changes need to be made to those regulations too. Accordingly, the Senate agreed to the below recommendation of AAC made in the 4th meeting held on September 9, 2020 and through Email dated 6th January 2021:

Recommendation of CSE Department: HCI course listed in Semester 4 for B.Tech. CSE students should be replaced with either Prototyping Interactive Systems or Practical Bioinformatics, i.e. replacing HCI/TOC with PIS/Practical Bioinformatics/TOC in the 4th semester.

Recommendation of SSH Department: HCI slot should be kept open for B.Tech. CSSS students to choose from open electives, i.e. replacing HCI course listed in Semester 4 with other open elective courses in the 4th semester and retaining Graph theory (as a suggestion in the bracket).

Recommendation of CSD Department:

Semester 1	Semester 2	Semester 3	Semester 4	Semester 5
Introduction to Programming	Data structures and Algorithms	Operating Systems	Algorithm Design and Analysis/Algorithm Design and Analysis(B)*	Computer Networks
Digital Circuits	Design Drawing & Visualization	~~Visual Design & Communication~~ Research Methods in Social Science and Design	~~Human Computer Interaction~~ Prototyping Interactive Systems	
Maths I (Linear Algebra)	Maths II (Probability & Statistics)	Advanced Programming	Design of Interactive systems	~~Research Methods in Social Science and Design~~
~~Prototyping Interactive Systems~~ Introduction to HCI	Computer Organization	Design Processes & Perspectives	Fundamentals of Database Management Systems	Technical communication + Environmental Sciences
Communication Skills	~~[SSH]~~ Visual Design & Communication	[Maths III (Multivariate Calculus)/Discrete Mathematics]	[SSH]/Maths IV-ODE/PDE/Theory of Computation]	[Elective]

During the course of discussions, the DoAA also provided detailed clarifications for the changes in courses of the CSD program. He also clarified that since no course is being removed from the system or added the students who have backlogs can always clear them. Also, students who want to improve their grade can also do that. After detailed deliberations the Senate approved the above proposal for making suitable changes in the regulations of the above programs and noted that these changes will be applicable form B.Tech. 2020 batch onwards.

Action: Academic Section

49.5.2 PG Matters

49.5.2.1 To consider recommendation of the Academic Affairs Committee (AAC) regarding the coursework requirement of a Ph.D. student who joined Ph.D. within 1-2 years of completing B.Tech/ M.Tech. degree from IIITD.

The Dean of Academic Affairs informed the members that the Academic Affairs Committee (AAC) in its 8th meeting held on December 9, 2020 has considered the coursework requirement of a Ph.D. student who joined Ph.D. within two years of completing B.Tech./ M.Tech. degree from IIITD. He also clarified the points raised by the members during the course of discussions. For these students, the Supervisor can recommend to AAC to allow the additional IS course.

After detailed discussions the Senate, after making some minor changes, approved the recommendation of the AAC as under:

M.Tech. (including dual-degree M.Tech. students) and B.Tech. students joining Ph.D. program within two years of completing their B.Tech./ M.Tech. degree from IIITD (irrespective of when they join) may be allowed by AAC to do one additional IS with strong recommendation of Supervisor(s).

Action: Academic Section

49.5.2.2 To consider recommendation of the Academic Affairs Committee (AAC) regarding proposal for making some changes in PG regulations to encourage more sponsored candidates from industry for Ph.D. Program.

The Dean of Academic Affairs informed the members that the Academic Affairs Committee (AAC) in its 4th meeting held on September 9, 2020 and 5th meeting held on September 23, 2020 recommended for making some changes in PG regulations to encourage more sponsored candidates from industry for Ph.D. Program. During the course of discussions it was noted that the Institute already admits candidates from Industry/other organisations under sponsored category and they have to come to the campus for about a year to do the courses but this new provision will enable those experienced sponsored candidates who have constraints in attending regular classes on the campus like other sponsored candidates. He also clarified that for this new category of students the Advisor will have enough freedom to recommend for a particular student the type of courses and the mode through which the required courses to be completed by the concerned student. To a query about the fee to be charged from these sponsored candidates it was clarified that the issue of fee is a separate matter and the discussion on fee is yet to happen and the decision taken will be reported to the Senate in the due course. To a question whether there is any stipulated difference in duration of the Ph.D. program for these sponsored candidates, it was clarified that no duration is defined for Ph.D. program in IIITD. Minimum time duration in terms of credits roughly comes to about three years. On an average the students take 5 years but some really motivated students can also finish in four years. It mainly depends upon the Advisors and the students as to when they want to defend the thesis. After detailed deliberations the Senate after making some minor change approved the recommendation of the AAC as per details given in the table below:

Eligibility	Remark	Coursework Requirement
B.Tech./BE in a relevant discipline + Technical experience in industry for 4 years or more	Such applicant will be considered equivalent to an M.Tech. degree holder	1. Students will be required to do at least 16 credits of coursework.
M.Tech. degree in relevant discipline + relevant technical experience in industry for 4 years or more OR MSc/MA/MPhil degree in Mathematics/ Statistics / Economics/ any non-engineering discipline + 4 years of experience		2. The entire coursework may be allowed through IP/ IS / online mode, on recommendation from the advisor.

Departments will be asked to submit a list of companies which may be considered by the AAC for allowing admissions under this proposed Ph.D. program. The proposed companies should have some of their employees with Doctoral degrees.
Students should be required to come to the institute for at least 30 days per year to get a feel of the campus. This period of 30 days need not be continuous; it could be in phases (15+15 or 15+10+5) to be mutually decided by the Advisor and the student.

Action: Academic Section

49.5.2.3 To consider recommendation of the Academic Affairs Committee (AAC) related to Ph.D. regular admission process.

The Dean of Academic Affairs informed the members that the Academic Affairs Committee (AAC) in its 8th meeting held on December 9, 2020 considered a proposal with regard to regular Ph.D. admission process and recommended as under:

"1. For a student who is selected on project funding or Institute funding – the offer of admission to be issued to the student will state that the student has to choose from one of the following two options:

    i.   To be on specific project funding under X faculty. In this case, X faculty will be the student advisor from Day 1 of his/ her Ph.D.

    ii.   To be on Institute funding, for which there may be more than one interested faculty members (names will be disclosed in the admission offer letter) and in this case, a student will have to finalize the advisor within a month of his/ her joining.

2. For a student who is selected on project funding - the offer of admission will state that the student has been selected under X faculty member against Y project position. If he/ she is keen to accept the offer, then he/ she may do so. In this case, X faculty will be the student advisor from Day 1 of his/ her Ph.D.

3. For a student who is selected on Institute funding - the offer will state that the student has been selected under Institute funding. In this case, names of all the interested faculty members will be disclosed in the admission offer letter and the student will have to finalize the advisor within a month of his/ her joining.

- Ph.D. students coming through regular admissions will be required to join the Institute at least a month before the add/ drop week. This practice may be started from the next admission cycle.

- A Ph.D. student selected through regular admissions will be on Institute fellowship for the first month of his/ her Ph.D.

- A Ph.D. student will be required to finalize the name of the Ph.D. advisor within a month of his/ her joining the Ph.D. program and as early as possible. From the day of assignment of Ph.D. advisor, the fellowship source of the student will count against his/ her advisor."

During the course of discussions the DoAA also apprised the members of the earlier timeline of about a year for assignment of Advisor. There was also a good amount of confusion thereby causing delays and difficulties in fixing the student with a particular Advisor. After detailed discussions the Senate approved the above recommendation of the AAC.

Action: Academic Section

49.5.2.4 To consider the proposed guidelines related to Conflict of Interest (CoI) for Ph.D. thesis evaluation, recommended by the Academic Affairs Committee (AAC)

The Dean of Academic Affairs informed the members that the Academic Affairs Committee (AAC) in its 9th meeting held on December 23, 2020 had considered the matter related to Conflict of Interest (CoI) for Ph.D. thesis evaluation and recommended to add below clauses in the Ph.D. thesis evaluation guidelines to ensure CoI checks during the Ph.D. thesis evaluation process (in addition to the present clauses related to CoI). During the course of discussions he also apprised the members of some CoI related background cases and also answered the queries made by the members. After detailed deliberations the Senate approved the recommendation of the AAC after making some changes in clause 3 below:

1. The proposed examiner is in a blood/legal relationship with the student/ advisor(s).
2. The proposed examiner was a Ph.D. student of the advisor within the past ten years.
3. The proposed examiner and the advisor(s)/ student has a common affiliation within the last four years.
4. The proposed examiner works in same department and/or institution as another examiner.

Action: Academic Section

49.5.3 *Other Matters*

49.5.3.1 To consider the recommendations of a committee regarding the cases of fee defaulters of Monsoon Semester AY 2020-21.

The Dean of Academic Affairs informed the members that a committee comprising of DOAA, DoSA, Registrar, CoF, Manager (Academics), DM (Student Affairs) and JM (Academics) in its meeting held on January 8, 2021 has examined the cases of fee defaulters and found that 18 Undergraduate students listed in Appendix-II were found to be fee defaulters of Monsoon Semester AY 2020-21. He also apprised the members of the existing regulation about cancellation of admission on account of non-payment of fee. However, the committee after considering various other relevant facts has recommended that "these students should be given a last date of February 15, 2021 (Date of Start of Mid-Semester Examinations of Winter 2021). And, if not paid till then, such students shall not be allowed to have access to their mid semester results of Winter Semester, AY 2020-21(Current Semester). Also those who are getting fee waiver from last few years, may be exempted from paying the fee and their fee waiver amount may be adjusted, as and when they will be granted fee waiver".

Keeping in view the current Covid-19 pandemic situation and the willingness of the students in attending classes the Senate agreed to the above recommendation of the Committee.

Action: Academic Section

49.5.3.2 To consider and approve the intake of various M.Tech. programs at the Institute for the Academic Year 2021-22

The Dean of Academic Affairs informed the members about M.Tech. intake for the Academic year 2020-21 and informed that to accommodate the withdrawal that happens after the admissions process, it is proposed to float 10% more seats in each discipline in 2021-22 admission cycle i.e. 14 more seats in CSE, 7 more in ECE and 3 more in CB.

It was also proposed that in 2021 the seats in CSE/ECE programs may be floated as open seats rather than specialization wise. The number of seats to be filled for a particular specialization will be as per the rules and procedures to be decided by the respective Departments which will be reported to the Senate in the next meeting. The proposed seat matrix for 2021 is as below:

Discipline	GATE/ NON-GATE	Approved Intake for 2021-22
CSE	GATE	110
	NON-GATE	39
ECE	GATE	66
	NON-GATE	15
CB	IIITD process	28
	DBT process	15
Total		**273**

After a brief discussion, the Senate agreed to the above proposals.

Action: Academic Section

The meeting ended with a vote of thanks to and by the Chair.

BTP Guidelines

Registration: -

1. A BTech Project can be started any time after the 2nd Year.
2. A BTP has to span at least over 2 regular consecutive semesters (i.e., Monsoon and Winter) and can span at most 3 consecutive semesters. However, in the case of a gap due to semester leave, the student will be allowed to continue the BTP with the consent of the advisor. This is to be applied from 2018 batch onwards.
3. BTP can be done for a total of 8 to 12 credits.
4. At most 8 credits can be taken in one semester (As with any course, for 4 credits, it is expected that the student will put in 10+ hours every week on the BTP).
5. There is no CGPA Requirement for doing a BTP.
6. Not more than 1 BTP can be done in the whole B.Tech. tenure.
7. A BTP can be done under the supervision of one or more faculty members. The BTP advisor should be a regular or a visiting faculty of the institute. BTPs can be guided only by faculty members with PhD Degrees.
8. A BTP may have internal and external co-supervisors. Such a joint co-supervision needs to be approved by the UG Chair.
9. Only online registration process (through ERP) is allowed. Students have to register their project and get it approved by their advisor on ERP Project Registration window.
10. In the case of a change of advisor, the student concerned will have to take the NOC from the current advisor and the consent from the new proposed advisor. Also, it is the responsibility of the student to inform the academic section for the same. Any such change if done without information will be considered invalid and in that case student will lose his BTP credits.
11. In a BTP, at most 2 students can be allowed to register together. In that case the students have to clearly state the distribution of the work. The work of the two students will be evaluated individually but the thesis does not necessarily have to be different. However, if a faculty would like to engage more than 2 students on a project, then the faculty would be required to divide the project into independent modules and advertise each module as a separate BTP.
12. In case a student is incapable of completing the BTP, he will be able to withdraw his BTP by last date of 'Late Drop' and will be given a Withdrawal (W) Grade. In case, a BTP is withdrawn after the last date of Late Drop, the student shall be given a Fail (F) grade.
13. If a student withdraws his BTP in the 2nd or 3rd Semester of his BTP then the credits earned by the student in the previous semester/s would not count towards 156 credits of graduation requirements.

Presentation / Evaluation: -

1. Each semester the student has to register for a BTP course with the respective number of credits and with the supervisor /a co-supervisor as the course instructor. For registration for BTP, the student need to register on ERP and the advisor should approve the same on ERP.
2. The BTP advisors are required to constitute the BTP evaluation committee with the consent of the faculty members in the beginning of the semester.
3. At the end of the semester, the BTP thesis/report must be submitted. The BTP will be evaluated by a committee of (three) faculty members (one or two advisors) and two committee members who will assign the final grade.
4. At the end of the semester, the student has to present his BTP in the Poster format and submit the BTP report to the advisor and Evaluation Committee members.
5. The student(s) can also request for an extension in the submission of final report, in case he feels that some more work is to be done. However, the BTP committee and BTP advisor(s) will recommend BTP extension only if the student has already done good work in BTP and he/she wishes to further improve the quality of the work or to submit the work for publication.

6. The student seeking BTP extension will be required to submit an interim report to the BTP advisor and the BTP evaluation committee. The BTP evaluation committee may also compare the interim report with the final BTP report, which will be submitted by the student at the time of BTP evaluation.

7. Despite the BTP extension, students will have to present their work during the poster presentation session scheduled at the end of the semester.

8. For presentation, a single BTP may be given a maximum of half an hour and a joint BTP may be given a maximum of one hour. In case of a joint BTP, both the students will be required to present their BTP work.

9. In case of the 2nd or 3rd semester of the BTP, student(s) should give a quick review of the work done in the previous semester(s) in the beginning of the presentation.

10. The **final BTP report** has to be written using the specified LaTeX template(s).

11. The title page of the BTP report needs to be updated and should clearly mention the BTP category.

12. The structure of the **final BTP report** should be as specified below (any deviation from this structure requires the approval of the UGC chair which needs to be obtained before the late course drop date in the respective semester).

13. It is recommended that the interim BTP reports also use the same template and try to follow the same structure (items which are not yet done may be omitted).

14. **Report for a Research project:**
    The report may be in a paper format or a technical report format (both using the LaTeX template) and must contain at least:
    a. Motivation and research problem
    b. Research approach and work done
    c. Results obtained

15. **Report for an Engineering Project:**
    The report must contain at least:
    a. Problem for which the engineering solution is proposed and users of the proposed solution
    b. Architecture, design, implementation, and validation of the solution
    c. Interaction/feedback/inputs from end users on the solution
    d. User manual / help (can be an appendix)

16. **Report for an Entrepreneurship Project:**
    The report must contain at least:
    a. Context and opportunity
    b. Proposed product/service/… and value proposition
    c. Design, architecture, implementation of the product/service
    d. Business plan (can be an appendix)

17. The BTP will be evaluated by a committee of (three) faculty members (one or two advisors) and two committee members who will assign the final grade.

18. In a BTP evaluation committee, one of the members (other than the BTP advisor) will be appointed as a Committee Chair, who will assign the final grade to BTP after mutual consultation. If the Chair finds it difficult to finalize the grade by consensus of the committee members or there is a conflict, then the averaging of grades will be done with the BTP advisor having the double weightage and the ceiling of the average will be considered.

19. For award of BTP grade, The BTP advisor(s) will upload the final BTP grade in the ERP system and the grades will be sent to examinations@iiitd.ac.in with all examiners in cc to let the academic section may cross-verify. Any grades, if not sent with cc to the evaluation committee members will not be considered.

BTP Awards: -

1. A nomination can be considered for the Best BTP awards if all the evaluation committee members are recommending a BTP for the award. BTP award may be given irrespective of the BTP grade.

2. BTP evaluation committee members will be required to give their nominations and comments for the Best BTP award through individual forms circulated by the Academic Section after the BTP presentation of the semester in which the student will complete his BTP.

3. If a BTP is given award, then all students registered in the BTP will get the award irrespective of their grades.

S. No.	Roll No.	Name	Receivable	Received Balance	Dues	Comments
1	2019087	Ranveer Kumar	187500	0	187500	
2	2019221	Yoshin Naranag	187500	0	187500	
3	2019225	Abdul Qavi	187500	0	187500	
4	2019401	Abhishek Chaturvedi	187500	0	187500	
5	2017069	Naman	162500	0	162500	The student receives 100% fee waiver every year
6	2017160	Khalid Lodhi	162500	0	162500	The student receives 100% fee waiver every year
7	2017055	Ishani	162500	123056	39444	She has been approved for 50% fee waiver for the AY 2020-2021, ie. the total amount to be paid by her is Rs. 162500 for the AY 20-21. Out of this she has already paid Rs. 123056 . The total pending dues to be paid by her is Rs. 39,444.
8	2016149	Faiz Naqvi	162500	123075	0	He is a DASA CIWG student and has to pay Rs. 162500 for the current semester. He has registered for 12 credits in the Monsoon 2020 semester. Hence, the total amount to be paid by him is Rs. 1,21,875 for the semester. No amount is pending towards him
9	2016221	Akansha Gautam	162500	0	162500	
10	2016280	Roshan Ajith	162500	0	162500	
11	2015125	Akash Nagrath	304000	0	304000	
12	2016140	Aysha Fazilath	304000	294200	9800	
13	2014090	Sagar	150000	0	150000	Fee for Monsoon 2020 is pending.
14	2015124	Aditya Diundi	150000	56250	93750	
15	2014019	Ankur Dhaka	150000	0	150000	
16	2015193	Gupta Yogesh	304000	75000	229000	

17	2014024	Ashutosh Nandan	1,65,000	1,00,000	65,000	For the current semester (Monsoon 2020), he has paid all the dues as per the credits registered (8 credits). However, out of the total amount of his previous pending dues of Rs. 1,65,000, he has paid only 1,00,000. He has been informed that his result for the current semester will be kept on hold till the clearance of his dues.
18	MT19217	Manisha Bajoria	77500	0	77500	

ACTION TAKEN REPORT – 49th Senate meeting held on 27th January 2021

Agenda Item No.	Agenda item	Action taken	Status
49.5.1.1	To consider the revised BTP guidelines recommended by the Academic Affairs Committee (AAC)	Updated guidelines posted on website and informed to the students	Closed
49.5.1.2	To consider a proposal for making changes in the regulations of B.Tech. CSE, CSD and CSSS programs due to recent change in the core course of first year i.e. PIS to HCI	Changes made to the regulations. Updated regulations posted on the website	Closed
49.5.2.1	To consider recommendation of the Academic Affairs Committee (AAC) regarding the coursework requirement of a Ph.D. student who joined Ph.D. within 1-2 years of completing B.Tech/ M.Tech. degree from IIITD.	Noted for adding the point to the regulations	Closed
49.5.2.2	To consider recommendation of the Academic Affairs Committee (AAC) regarding proposal for making some changes in PG regulations to encourage more sponsored candidates from industry for Ph.D. Program.	Noted for implementation from AY2021-22. Some amendments of minutes are proposed wide item no. 50.2 of 50th Senate meeting.	Closed
49.5.2.3	To consider recommendation of the Academic Affairs Committee (AAC) related to Ph.D. regular admission process.	Noted for implementation	Closed
49.5.2.4	To consider the proposed guidelines related to Conflict of Interest (CoI) for Ph.D. thesis evaluation, recommended by the Academic Affairs Committee (AAC)	Noted for implementation	Closed
49.5.3.1	To consider the recommendations of a committee regarding the cases of fee defaulters of Monsoon Semester AY 2020-21.	Noted for implementation	Closed
49.5.3.2	To consider and approve the intake of various M.Tech. programs at the Institute for the Academic Year 2021-22	Noted for implementation	Closed

List of New Courses Offered in Monsoon 2020

1	BIO321	Algorithms in Bioinformatics
2	BIO361	Biophysics
3	BIO546/CSE585	Computing for Medicine
4	BIO571/ENT421	Healthcare Innovation and Entrepreneurship Essentials
5	CSE583	Software Development using Open Source
6	CSE584	Program Verification
7	CSE606A	Data Lifecycle Management
8	CSE656	Information Integration and Applications
9	DES5xx	Fundamentals of Audio for Engineers
10	ECO322/ECO522	Econometrics II
11	ECE522	Integrated Circuit Fabrication
12	ECE545	Photonics: Fundamentals & Applications
13	ECE551/CSE5BML	Bayesian Machine Learning
14	ENT411	Entrepreneurial Communication
15	ENT412	Entrepreneurial Khichadi
16	MTH518	Topics in Number Theory
17	MTH545	Finite and Spectral Element Methods
18	MTH562A	Point Set Topology
19	MTH564A	Introduction to Riemannian Geometry with Some Applications
20	PSY307	Neuroscience of Decision Making
21	PSY308	Cognition of Motor Movement
22	SOC311/SOC501	Advance Ethnographic Research Methods
23	SSH300	Theories of Ethics
24	SSH362	Urban Space and Political Power
25	SSH323	New Media and Politics

List of New Courses Offered in Winter 2020

1	DES205	Design of Interactive Systems
2	CSE354/CSE554	Networks and System Security II
3	CSE516/ECE559	Theories of Deep Learning
4	CSE528	Introduction to Blockchain and Cryptocurrency
5	CSE660	Trustworthy AI Systems
6	CSE663A	Meta-learning
7	DES504	Narratives in Visual Communication
8	DES521	Fundamentals of Video for Engineers
9	ECE532	Next Generation Optical Networks
10	ENT413	Entrepreneurial Finance
11	ENT414	Relevance of Intellectual Property for Startups
12	ENT415	New Venture Planning
13	ENT416/ENT516	Creativity, Innovation, and Inventive Problem Solving
14	MTH535	Measure and Probability Theory
15	SOC312/SOC502	Advanced Sociological Theory
16	SOC313/SOC503	Sociology of India: Themes and Perspectives
17	SSH324	Philosophy of Mind

FAQs _ B.Tech. , M.Tech. & Ph.D.

    i.   Are students allowed to register IP/IS under visiting Faculty?
          Allowed

    ii.   Are students allowed to register IP/IS under Guest Faculty?
          No

    iii.   Are students allowed to register IP/IS/ under Adjunct Faculty?
          No

Points related to Thesis/SP/CapP for M.Tech. Students

    iv.   Are students allowed to register Thesis/SP under Guest faculty?
          No

    v.   Are students allowed to register Thesis/SP under Visiting faculty?
          Yes, it is allowed with a Visiting Faculty (with Ph.D. Degree).

    vi.   Are students allowed to register Thesis/SP under Adjunct faculty?
          Not allowed, however Adjunct Faculty can co-supervise the Thesis/SP/CapP with a regular faculty member.

    vii.   If a faculty leaving IIITD and becoming an Adjunct faculty, is an internal guide necessary while registering for Thesis/SP/CapP?
          Internal guide is not necessary for continuing an existing thesis/SP/CapP which started when s/he was a regular faculty of IIITD. For guiding any new thesis/SP/CapP, s/he will be treated as an adjunct faculty only and can only be a co-supervisor with a regular faculty of IIITD.

    viii.   Can we register Thesis after the Capstone project or vice versa?
          No. In a program, one can take only one of the CapP, SP, or thesis. However, if a student fails in SP/CapP/Thesis, then s/he can take another to complete the requirements.

    ix.   Do the grades of both Thesis & Capstone calculated in CGPA, if we consider only Thesis as a part of the graduation requirement?
          No, as it is not allowed to register more than one component during the entire program.

    x.   Are students allowed to opt for Thesis and Capstone in the same semester?
          No, as it is not allowed to register more than one component during the entire program.

    xi.   If a student has completed the credit requirement, however only thesis defense is pending; what should he/ she register in a semester to continue his/her registration?
          Students will be required to register for Thesis Progress credits.

xii.   If a student has completed the credit requirement, however not submitted a CapP/ Scholarly paper report; what should he/ she register in a semester to continue his/her registration?
The Student will be required to register for CapP/ Scholarly Progress credits.

Current regulation states the following: "The M.Tech. thesis shall be done under the guidance of thesis supervisor(s), who shall be faculty member(s) of the Institute. A thesis may also have co-supervisors, who may be Adjunct Faculty of the Institute, or external co-supervisors approved by the PG Committee."

Proposed regulation changes: "The M.Tech. thesis shall be done under the guidance of thesis supervisor(s), who shall be regular faculty member(s) of the Institute or a Visiting Faculty (with a Ph.D degree). A thesis may also have co-supervisors, who may be Adjunct Faculty of the Institute, or external co-supervisors approved by the AAC."

I. Revised content of Degrees (all programs), refer here.
II. Revised content of all existing certificates, refer here, page 1 to 7.
III. Revised content of provisional Degree Certificates (all programs), refer here page 9 & 10.