AGENDA

for

the 58th Meeting of

the SENATE

Indraprastha Institute of Information Technology Delhi

Date: 18th May, 2023 Thursday
Time: 3.00 PM

Venue: Senate Room, 7th Floor, R&D Building, IIIT-Delhi
(The meeting will be conducted in Hybrid Mode)
The meeting link over zoom will be shared separately

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<p style="text-align: center;">**FIFTY EIGHTH (58ᵗʰ) MEETING**</p>

<p style="text-align: center;">**OF**</p>

<p style="text-align: center;">**THE SENATE OF IIIT-DELHI**</p>

58.1   **WELCOME AND OPENING REMARKS BY THE CHAIRPERSON**

58.2   **CONFIRMATION OF MINUTES OF THE 57ᵗʰ MEETING OF THE SENATE**

The Minutes of the 57ᵗʰ meeting of the Senate held on February 17, 2023, placed at **Annexure-I,** were circulated among the members.

Subsequently, the following changes/corrections were made in the minutes already circulated:

(1) Item No. 57.5.1.1 – For the admission year 2023-24, the number of seats shown against B.Tech. CSD, under the JAC column i.e. 35+25 were corrected to read as 35.

(2) Item No. 57.5.3.4 – The Senate had approved the changes in the Academic Calendar for Winter 2023 Semester. However, recently the NBA confirmed its visit dates (15ᵗʰ April – 17ᵗʰ April) for the accreditation of B.Tech. CSE & M.Tech. ECE programs where the classes were required to be functional.

It was noted that in the current Academic Calendar for the Winter 2023 semester, we had two Saturdays (i.e. 18ᵗʰ March and 1ˢᵗ April) as working days. Because of the above visit it was decided to have them as non-working (off days). Accordingly, the 15ᵗʰ April (Saturday) was declared to have the Tuesday Timetable (18ᵗʰ March schedule) and 16ᵗʰ April (Sunday) was declared to have the Friday Timetable (1ˢᵗ April schedule).

The above change was announced to students with prior approval from the Chairman, Senate. No other comments have been received.

The Senate may confirm the minutes with the above changes/corrections.

58.3   **ACTION TAKEN REPORT**

The Action Taken Report on the various decisions taken by the Senate in its 57ᵗʰ meeting held on February 17, 2023, is placed in **Annexure-II.**

58.4   **ITEMS FOR INFORMATION/ RATIFICATION**

58.4.1   **General Matters**

58.4.1.1   **To report the status of Cycle 3 NAAC accreditation**

For Cycle 3 NAAC accreditation, the AQAR for the AY 2020-21 has been submitted on February 21, 2023 and AQAR for AY 2021-22 is under preparation.

58.4.1.2 **To report the status of Suit No. CS SCJ/116/19, filed by Nikhil Gautam in the District Court Saket South, Saket, District Court, New Delhi**

The next date of hearing is scheduled for May 20, 2023.

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

The next date of hearing is scheduled for July 21, 2023.

58.4.1.4 **To report the status of Writ Petition [WP (C) 8397/2022] filed by Shivam Chaudhary & Ors. in the Hon'ble High Court of Delhi seeking admission to 2nd year of the B.Tech. programs through the Lateral Entry process**

The next date of hearing is scheduled for May 18, 2023.

58.5 **ITEMS FOR DISCUSSION AND CONSIDERATION**

58.5.1 **UG Matters**

58.5.1.1 **To consider recommendation of the Academic Affairs Committee (AAC) regarding review of the changes proposed by SSH Department in the Regulations of Minor in Entrepreneurship**

The Academic Affairs Committee (AAC) in its 27th meeting held on April 14, 2023 considered a proposal of SSH Department for review of changes proposed in the Regulations of Minor in Entrepreneurship and observed/recommended as under:

"Prof. Pankaj Vajpayee proposed the following two options for a student to complete the requirements to earn a degree with Minor in Entrepreneurship:

Option 1	Option 2
24 credits of course work	16 credits of coursework
	8 credits BTP registered under ENT track only
Compulsory apprenticeship (pre-approved)	Compulsory apprenticeship (pre-approved)

Courses for Minor in Entrepreneurship:

- Entrepreneurial Khichdi

- New Venture Planning
- Entrepreneurial Communication
- Creativity Innovation and Inventive Problem solving
- Social Entrepreneurship
- Foundations of Marketing
- Foundations of Finance
- Effective Supply chain for e-commerce
- Entrepreneurial Finance
- Valuation and Portfolio Management
- Microeconomics
- Healthcare Innovation and Entrepreneurship Essentials
- Relevance of Intellectual Property for Startups

After detailed deliberation, the AAC agreed to the proposed changes and recommended for approval of the Senate. The change will apply from the next Academic Year. However, for students who are graduating this year, they will be given an option to opt for old or new rules to complete requirements for Minor in Entrepreneurship."

The Senate is requested to consider and approve the above recommendation of the AAC.

58.5.2 PG Matters

58.5.2.1 To consider recommendation of the Academic Affairs Committee (AAC) regarding review of bucket courses for M. Tech. CSE Program

The Academic Affairs Committee (AAC) in its 27th meeting held on April 14, 2023 reviewed the bucket courses for M.Tech. CSE program and observed/recommended as under:

"Dr. Debajyoti Bera, Associate Head, CSE presented the background of the proposal and informed the members that the Department of CSE has reviewed the bucket courses for M.Tech. CSE program. Now there will be no Software bucket. Instead, there will be a new Math bucket. The CSE department also proposed the following:

1) The M.Tech. program should have three core course buckets: Theory, Systems, Math. Each bucket should always contain at least 3 courses.

2) The committee does not propose any change to the current Theory bucket. The students need to take at least one course from this bucket.

3) The Systems bucket should keep only the courses that are related to the foundations of hardware and software systems. Moreover, the courses that the dept. offers should be regular elective courses which are normally offered or planned to be offered every year. As a consequence, the following courses are recommended in the bucket:

Wireless Networks, Computer Architecture, Compiler, Advanced Operating Systems. The students need to take at least one course from this bucket.

4) The Math bucket is intended to build a solid mathematics foundation required to learn advanced courses in the students' streams or other courses in their program. The students are expected to take one or more math courses accordingly. The following courses are recommended:

1. Probability and Random Processes (ECE 501) 2. Linear Optimization (MTH 374/574) 3. Convex Optimization (CSE528). 4. Advanced Linear Algebra (MTH510) (or preferably Graduate Linear Algebra since MTH510 is more advanced than required) 5. Graduate Discrete Mathematics (New) or a new hybrid course on mathematics that covers 2-3 topics. The last course would be particularly useful to the students under the general stream. The students will be required to take at least one course from this bucket.

Dr. Debajyoti Bera also clarified the points raised by the members during the meeting. During the course of discussions, the DoAA informed that Dr. Saket Anand has proposed to include AOMML (Applied Optimization Methods for Machine Learning (ECE666)) course in the Math Bucket. It was suggested to have a discussion on the inclusion of AOMML in the Math bucket in the CSE department.

It was agreed that there should be a provision to add new courses to these three buckets with the approval of AAC.

After detailed deliberation, the AAC agreed to the above proposal and recommended it for Senate approval."

The Senate is requested to consider and approve the above recommendation of the AAC.

58.5.2.2   **To consider recommendation of the Academic Affairs Committee (AAC) for review of M.Tech. CSE Internship Rule**

The Academic Affairs Committee (AAC) in its 27th meeting held on April 14, 2023 reviewed M.Tech. CSE Internship Rule and observed/recommended as under:

"Dr. Debajyoti informed that the current internship rule was again discussed in the CSE FM and it has recommended disallowing M.Tech. CSE students (including M.Tech. CSAI students) from going for internships during their first 4 regular semesters (i.e., Monsoon and Winter semesters). They can either go for Internship in the fifth or subsequent semester or in the summer term. It was clarified that this policy will apply only to M.Tech. students of CSE department and from the incoming batch of 2023-24 onwards. After detailed deliberation the AAC agreed to the proposal of the CSE department and recommended the same for approval of the Senate."

Faculty members of CSE department further met, reviewed the statistics from T&P, analysed the comments of the M.Tech. students, and shared that the department strongly expects that M. Tech. (CSE) students are preferably offered only FT roles, just like B. Tech. (CSE) students.

The Senate is requested to consider and approve the above recommendation of the AAC/ Department.

58.5.2.3   **To consider recommendation of the Academic Affairs Committee (AAC) regarding delay in the Ph.D. thesis evaluation process**

The Academic Affairs Committee (AAC) in its 27th meeting held on April 14, 2023 considered the issue of delay in the Ph.D. thesis evaluation process and observed/recommended as under:

> "The AAC Chair informed the members that some Ph.D. thesis examiners do not respond even after repeated reminders from the Academic section, PG Chair and the DoAA. As a result, the thesis defense gets delayed and our students lose postdoc/job offers. Our current Ph.D. regulations allow us to schedule the defense with reports from two examiners in such cases.
>
> After detailed deliberations, the AAC recommended that the Academic Section will maintain a list of all such examiners who inordinately delay in sending the report and keep the Chair PGC informed if these names are nominated by the Advisors.
>
> It was also recommended that after the stipulated timeline for thesis evaluation (as mentioned in the Guidelines), a reminder may be sent every week subject to maximum of 4 reminders. If two reports are already received, then we will send weekly reminders to the third examiner and wait for about one month for the third report. If the third examiner neither submits the report nor responds to the reminders, then the defense may be scheduled with the two satisfactory Ph.D. thesis reports ((i.e. category A or B). The third examiner should be informed immediately that in the interest of the student we have decided to go ahead with Ph.D. defense seminar and that no report is required from his/her side. In this case, the third examiner should not be paid any honorarium."

The Senate is requested to consider and approve the above recommendation of the AAC.

58.5.3   **Other Matters**

58.5.3.1   **To consider recommendation of the Academic Affairs Committee (AAC) regarding review of IIITD Course Description format**

Academic Affairs Committee (AAC) in its 27th meeting held on April 14, 2023 reviewed the existing course description format and observed/recommended as under:

Dr. Debajyoti Bera presented this item and apprised the members of the shortcomings of the current course description document which has information that keeps on changing every year (e.g., textbook, weekly schedule, etc.). This creates confusion among students and future instructors as to what is mandatory and what is suggestive. After detailed deliberation it was decided to divide the course description into two parts:

Mandatory part (changes require approval): Name, description, credits, presence of lecture-tutorial-lab components (not necessarily the schedule), Course Objectives, and list of topics.

The "**Suggested plan**" component include a weekly schedule of labs-lectures-tutorials, (where mentioning the week number in the course plan can be avoided), mapping with

COs, books, evaluation plan, etc.; this component is required during course approval to understand the feasibility and intended workload + rigor of a course, but may not be necessary for students (information could be retained for guiding future instructors). Further, guidelines should be laid down for core and elective courses on which components require further approval when modified in a future semester.

Also, it is proposed that the current taxonomy be updated with the revised "Bloom's taxonomy" (Given below) from "Computing Curricula 2020" which has more actions/verbs which will allow more flexibility to design the COs. Further, it is proposed that at least half of the COs associated with any course should use the verbs associated with Analyzing, Evaluating, and Creating levels. The course description template would contain detailed instructions along with examples to guide course designers, and each CO would be checked for adherence to the taxonomy.

Link to Computing Curricula 2020:
https://www.acm.org/binaries/content/assets/education/curricula
recommendations/cc2020.pdf

Levels of Cognitive Skills Based on Bloom's Taxonomy

	B-I Remembering	B-II Understanding	B-III Applying	B-IV Analyzing	B-V Evaluating	B-VI Creating
Definitions	Exhibit memory of previously learned materials by recalling facts, terms, basic concepts, and answers.	Demonstrate understanding of facts and ideas by organizing, comparing, translating, interpreting, giving descriptions.	Solve problems to new situations by applying acquired knowledge, facts, techniques, and rules in a different way.	Examine and break information into parts by identifying motives or causes; make inferences and find evidence to support.	Present and defend opinions by making judgments about information, validity of ideas, or quality of material.	Compile information together in a different way by combining elements in a new pattern or by proposing alternative solutions.
Verbs	Choose, Define, Find, How, Label, List, Match, Name, Omit, Recall, Relate, Select, Show, Spell, Tell, What, When, Where, Who, Why	Classify, Compare, Contrast, Demonstrate, Explain, Extend, Illustrate, Infer, Interpret, Outline, Relate, Rephrase, Show,	Apply, Build, Choose, Construct, Develop, Experiment, with, Identify, Interview, Make, use, of, Model, Organize,	Analyze, Assume, Categorize, Classify, Compare, Conclusion, Contrast, Discover, Dissect, Distinguish, Divide, Examine,	Agree, Appraise, Assess, Award, Choose, Compare, Conclude, Criteria, Criticize, Decide, Deduct, Defend,	Adapt, Build, Change, Choose, Combine, Compile, Compose, Construct, Create, Delete, Design, Develop,

		Summarize, Translate	Plan, Select, Solve, Utilize	Function, Inference, Inspect, List, Motive, Relationships, Simplify, Survey, Take part in, Test for, Theme	Determine, Disprove, Estimate, Evaluate, Explain, Importance, Influence, Interpret, Judge, Justify, Mark, Measure, Opinion, Perceive, Prioritize, Prove, Rate, Recommend, Rule on, Select, Support, Value	Discuss, Elaborate, Estimate, Formulate, Happen, Imagine, Improve, Invent, Make up, Maximize, Minimize, Modify, Original, Originate, Plan, Predict, Propose, Solution, Solve, Suppose, Test, Theory

It may also be desirable to upfront list which program objective (POs) this course satisfies; this helps during accreditation and could in general be beneficial to understand where this course fits with respect to a program.

The Senate is requested to consider and approve the above recommendation of the AAC.

58.6   ANY OTHER ITEM WITH THE PERMISSION OF THE CHAIRPERSON

Minutes of the 57ᵗʰ meeting of the Senate of IIIT-D held in Hybrid mode on February 17, 2023 at 03.00 PM (in-person/video-conference).

The following were present:

· Prof. Ranjan Bose	Chairman
· Prof. (Ms) Basabi Bhaumik	External Member
· Prof. J.K. Verma	External Membe
· Prof. P. Vigneswara Ilavarasan	External Member
. Prof. Kaushik Saha	External Member
. Prof, Dheeraj Sanghi	External Member
. Dr. (Ms) Mythili Vutukuru	External Member
. Prof. Anil Prabhakar	External Member
. Dr. (Ms) Lipika Dey	External Member
· Dr. Gautam Shroff	External Member
· Prof. Pushpendra Singh	Ex-Officio Internal Member
· Dr. Anuj Grover	Ex-Officio Internal Member
· Prof. Sujay Deb	Ex-Officio Internal Member
· Dr Paro Mishra	Ex- Officio Internal Member
. Dr. Sumit J Darak	Ex- Officio Internal Member
. Prof. Vivek Bohara	Ex-Officio Internal Member
. Dr. Debajyoti Bera	Ex-Officio Internal Member
. Dr. Saket Anand	Ex-Officio Internal Member
. Dr. Vinayak Abrol	Ex-Officio Internal Member
. Dr. Gayatri Nair	Ex-Officio Internal Member
· Dr. A. V. Subramanyam	IIITD Faculty
· Dr. Sneh Saurabh	IIITD Faculty
. Dr. Tavpritesh Sethi	IIITD Faculty
. Dr. Sanjit Krishnan Kaul (For items 57.5.3.2&57.5.3.8)	IIITD Faculty (Spl. Invitee)
. Dr. Gaurav Arora	IIITD Faculty (Spl. Invitee)
. Dr. C. Anantaram	IIITD Faculty (Spl. Invitee)
. Dr. Anmol Srivastava	IIITD Faculty (Spl. Invitee)
. Dr. Satish Kumar Pandey	IIITD Faculty (Spl. Invitee)
. Dr. Sayak Bhattacharya	IIITD Faculty (Spl. Invitee)
. Dr. Ashok Kumar Solanki	Secretary
. Mr. Tathagat Pal (2019211)	Student Representative
· Mr. K.P. Singh	Academic In-charge
· Ms. Nisha Narwal	Asstt. Manager (Academics)
· Mr. Mohit Kumar	Jr. Manager (Academics)
. Mr. Raju Biswas	Jr. Manager (Academics)

FIFTY SEVENTH (57ᵗʰ) MEETING OF THE SENATE OF IIIT-DELHI
(HELD IN HYBRID MODE THROUGH ZOOM ON FEBRUARY 17, 2023)

MINUTES OF THE MEETING

57.1   WELCOME AND OPENING REMARKS BY THE CHAIRPERSON

At the outset, the Chairman, Senate welcomed all the members/special invitees to the 57ᵗʰ meeting of the Senate participating in-person or online. Further, on behalf of the Senate of the Institute, the Chairman conveyed sincere thanks to all the outgoing Senate members for their valuable contributions made during their tenure, which were extremely useful for evolving the right policies and maintaining the high standards of education at the Institute and hoped to get their continued support and cooperation in times to come. The Chairman also welcomed the new Senate members and hoped to receive their valuable suggestions in evolving the right policies and elevating the standards of education at the Institute.

The Chairman, Senate also informed that in terms of Statute 35 (clause 2(5), he has approved fresh/re-nominations to the Academic Senate, on behalf of the Senate for the year 2023. Accordingly, a total of 40 new members (28 IIITD faculty + 10 external members + 2 alumni) are nominated to the Academic Senate and their names are shown in the list under new members of **Appendix I.** As per the approved composition, Registrar is the non-voting Secretary of the Senate. Student Representative(s) attend the meetings as a special invitee(s). He requested the Senate to ratify the nominations.

The Senate ratified the above nominations to the Academic Senate and desired that the above compositin of the Senate may be reported to the Board of Governors.

The Chairman, Senate also informed that the Institute has successfully conducted its 11ᵗʰ Convocation on November 26, 2022 and received a lot of appreciations from the faculty, students and other stakeholders. He further informed that the tentative date for the next Convocation (i.e., the 12ᵗʰ Convocation) is October 28, 2023. He requested all the members of the Senate to suggest possible name(s) for the Chief Guest for further consideration. Thereafter, he requested the Dean of Academic Affairs to present the agenda items.

57.2   CONFIRMATION OF MINUTES OF THE 56ᵗʰ MEETING OF THE SENATE

The Dean of Academic Affairs informed that no comments were received on the Minutes of the 56ᵗʰ meeting of the Senate held on October 21, 2022. The Senate, therefore, confirmed the Minutes of the 56ᵗʰ meeting as circulated.

Action: Academic Section

57.3   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 56ᵗʰ meeting held on October 21, 2022. The Senate noted the position.

57.4   ITEMS FOR INFORMATION/ RATIFICATION

57.4.1 *General Matters*

57.4.1.1 To report the status of Cycle 3 NAAC accreditation

It was noted that the IQAC has been looking into the recommendations of the NAAC Peer Team and providing needful directions for the Cycle 3 of the NAAC accreditation. Dr. A. Subramanyam informed that the AQAR report is almost ready and will be submitted to NAAC by February 28, 2023.

Action: Academic Section

57.4.1.2 To report the status of Ph.D., M.Tech. and B.Tech. admissions for Academic Year 2022-23

The Dean of Academic Affairs apprised the members of the completion of admission to Ph.D., M.Tech. and B.Tech. programs through various modes for Academic year 2022-23, following the Academic Calendar and the process of the regulations of the respective program. The highlights of the various admission related data was presented through slides. It was informed that this year admission to Ph.D. program under AICTE Doctoral Fellowship scheme has been done for the first time.

After detailed deliberations the Senate accepted the newly admitted students to various programs mentioned in **Appendices II, III & IV** (Ph.D., M.Tech.and B.Tech.) and recommended the same for approval of the Board of Governors.

Action: Academic Section

57.4.1.3 To ratify the approval given by Chairman, Senate to allow Mr. Tarun Aggarwal (MT21213) to re-join the Institute in the coming winter semester 2023 (AY 2022- 23)in M.Tech. (ECE-VLSI & ES)

The Dean of Academic Affairs apprised the members of the case of Mr. Tarun Aggarwal (MT21213) who was initially admitted in AY 2021-22 in M.Tech. (ECE-VLSI & ES). He attended the classes for 1st semester, 2nd semester and Summer term but in July 2022he stopped attending the classes. Later on he asked for the withdrawal due to his mental health (anxiety and panic disorder). Hence, as per the process, his name was struck off from the rolls of the Institute. After recovery, the student approached the Institute for reconsideration of his studentship which was considered and recommended by the department looking at his graduation plan (16 credits in Winter 2023 and 08 Credits in Summer term 2023). Thereafter, based on the recommendation of the Standing Committee as well as the AAC, the Chairman, Senate approved, on behalf of the Senate, the request of Tarun Aggarwal (MT21213) to re-join the Institute from the Winter semester 2023.

After a brief discussion the Senate ratified the approval given by the Chairman, Senate.

Action: Academic Section

57.4.1.4 To report the status of Suit No. CS SCJ/116/19, filed by Nikhil Gautam in the District Court Saket South, Saket, District Court, New Delhi

The Senate noted the position.

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

The Senate noted the position.

57.4.1.6 To report the status of Complaint No. 72/2020, filed by Dr. Deep Raj Gupta, before the Hon'ble District Consumer Disputes Redressal Forum, South Delhi-II, for a refund of the fee of Rs.75,000 paid towards the admission of his son, Aitik Gupta, B.Tech. ECE

Dr. Ashok Kumar Solanki, Registrar informed that the complaint No. 72/2020, filed by Dr. Deep Raj Gupta before the Hon'ble District Consumer Disputes Redressal Forum, South Delhi-II has been dismissed as not maintainable, in favour of the Institute. The Senate noted the position with satisfaction.

57.4.1.7 To report the status of Writ Petition [WP (C) 8397/2022] filed by Shivam Chaudhary & Ors. in the Hon'ble High Court of Delhi seeking admission to 2nd year of the B.Tech. programs through the Lateral Entry process.

The Senate noted the position.

57.5 ITEMS FOR DISCUSSION AND CONSIDERATION

57.5.1 UG Matters

57.5.1.1 To consider the Eligibility & Intake for UG for the Academic Year 2023-24

The Dean Academic Affairs informed that due to COVID, the eligibility criteria for class 12th and Mathematics was reduced from 80% to 70%. Keeping in view the current situation he requested the Senate to give its directions whether to revert back to the pre-COVID eligibility criterion or continue with the existing criterion. As regards the intake for UG programs he informed that there is no requirement for additional programs/seats from the Departments and hence, it is proposed to have the same intake as during the AY 2022-23. Further, he informed that last year, the ST reservation was introduced in themid of admission process, hence it was added as additional supernumerary seats. However, this year the supernumerary seats are absorbed within the overall intake with proper allocation for the ST category as per the direction of the Board. He requested the Senate to deliberate and recommend the UG admission eligibility criteria and intake to the Board. Thereafter, the Senate discussed both the points in detail. During the course of

discussions some members felt that we should continue with the JAC with the same eligibility criteria like last year; the minimum eligibility of 70% should be continued for another two years to collect data and check their progress to see how they are performing.

After protracted discussions, the Senate recommended to the Board of Governors to allow the Institute to continue with the JAC for admission to UG programs with the same eligibility criteria like last year including the bonus points with the following intake for AY 2023-24:

Program	Intake 2022-23			Proposed Intake 2023-24	
	JAC	IIITD admission		JAC	IIITD admission
B.Tech. CSE	120			120	
B.Tech. CSAI	60			60	
B.Tech. ECE	60			60	
B.Tech. EVE	60			60	
B.Tech. CSAM	60			60	
B.Tech. CSD	35	25 through UCEED		35 + 25	(25 through UCEED)
B.Tech. CSSS	35	25 through Class 12th marks		35+25	(25 through Class 12th marks)
B.Tech. CSB	60			60	
Total:	**490**	**50**		**490**	**50**
	Supernumerary Seats			Supernumerary Seats	
KM seats	8 (1 seat in each B.Tech. program)			8 (1 seat in each B.Tech. program)	
Wards of Faculty /staff working in IIITD	2			2	
Foreign nations/NRIs/PIOs	71(50 seats through IIITD international admissions process and ICCR, 21 through DASA)			71(50 seats through IIITD international admissions process and ICCR, SII, 21 through DASA)	
Business Blasters*	5 Seats in CSSS			5 Seats in CSSS	
Grand Total	**626**			**626**	

*Subject to the continuation of the Business Blasters program by the Delhi Government in the Academic year 2023-24.

Action: Academic Section

57.5.1.2. To consider recommendation of the Academic Affairs Committee (AAC) to allow a student to take an overload

The Dean of Academic Affairs informed the members that the Academic Affairs Committee (AAC) in its 22nd meeting held on October 14, 2022 has deliberated the matter related to Academic load and after detailed deliberation observed/ recommended as under:
"The UG Chair presented this item. He shared that students with CGPA less than

8.00 also apply for the overload approval and that he has received approximately 45 such applications in the Monsoon semester of AY 2022-23. This provision was made so that students who are falling short of a few credits can complete their graduation within their 4 years timeline. However, if students with CGPA less than 8.00 take an overload, then they may not be able to maintain a good CGPA, and hence we should limit such approvals. After detailed deliberations, the AAC recommended that a UG student may be allowed to take an overload only in one semester in the final year, i.e., in either 7th or 8th semester and for such cases there will be no minimum CGPA requirement for overload approval. The regulation needs to be updated accordingly."

During discussions the DoAA clarified the points raised by the members. After detailed deliberations the Senate approved the above recommendation of the AAC and desired that the relevant regulation may be updated accordingly.

Action: Academic Section

57.5.1.3 To consider the recommendation of the Academic Affairs Committee (AAC) for Semester Extension of a 2014 batch student Aniket Kadiyan

The Dean of Academic Affairs informed the members that the Academic Affairs Committee (AAC) in its 25th meeting held on January 13, 2023 considered the request of Aniket Kadiyan (a 2014 batch student) and observed/recommended as under:

"The semester extension request of Aniket Kadiyan (a 2014 batch student) was discussed in the 21st AAC Meeting, where he was given a conditional extension for one semester with the stipulation that further extension will be granted only if he clears all courses in Monsoon 2022 semester. It was noted that he has completed the following courses registered in Monsoon 2022 semester:

BIP398-Independent Project – obtained "B-" grade
CSE231-Operating Systems – obtained "B-" grade

It was also noted that he is still left with 5 credits to complete his graduation requirements. He has completed OS in Monsoon 2022 semester and is planning to register for 12 credits in Winter 2023 semester including a pending core course ADA to improve his CGPA. After detailed deliberations, the AAC agreed to his request"

During discussion the DoAA clarified the points raised by the member. Thereafter, the Senate approved the above recommendation of the AAC to allow further extension of one semester to Aniket Kadiyan to register for 12 credits in Winter 2023 including a pending core course (namely, ADA).

Action: Academic Section

57.5.1.4 To consider the recommendation of the Academic Affairs Committee (AAC) for inclusion of courses into the B.Tech. (CSAI) regulations

The Dean of Academic Affairs informed the members that the Academic Affairs

Committee (AAC) in its 26th meeting held on February 10, 2023 considered and agreed to the proposal of CSE department for inclusion of the following courses in theirrespective buckets and recommended for approval of the Senate;

Additional AI Core Courses (Appendix-I.B of agenda note).

1. Meta-Learning
2. Trustworthy AI Systems
3. Theories of Deep Learning
4. Bayesian Machine Learning

Math Elective" (Appendix-I.D of agenda note) (This is in addition to the core Math courses that include optimization, etc.)

1. Information Theory
2. Econometrics-1
3. Econometrics-2

After a brief discussion the Senate approved the above recommendation of the AAC.

Action: Academic Section

57.5.2 PG Matters

57.5.2.1 To consider the recommendation of the Academic Affairs Committee (AAC) for starting an M.Tech. (Research) program in the Department of Computer Science & Engineering (CSE)

The Dean of Academic Affairs informed the members that the Academic Affairs Committee (AAC) in its 23rd meeting held on November 18, 2022 and 25th meeting held on February 10, 2023 has considered the proposal from the Department of CSE for starting an M.Tech. (Research) program and agreed to the proposal, in principle. Thereafter, Dr. Vinayak Abrol presented the salient features of the revised proposal for M.Tech. (Research) program and answered the queries made by the members. It was noted that 20 GATE seats (out of the total GATE seats of CSE) will be earmarked for thisprogram and entry eligibility requirement will be one CGPA higher than the regular M.Tech (CSE) program. The structure of this program is same except that candidates admitted to this program will have to do mandatory research thesis. They will be paid Assistantship of Rs.21000/- p.m., (Rs.12400/- from AICTE and Rs. 8600 from the Institute). It was also noted that once admitted to this program, the candidates cannot go back and ask to move to other programs. After detailed deliberations the Senate agreed to the proposal, in principle, and recommended for the approval of the Board of Governors.The Senate also advised to take further necessary action to revise the proposal in the light

of the suggestions made by the members, especially about reducing the course load and making the program attractive for prospective students.

Action: Academic Section

57.5.2.2 To consider the Intake for PG programs for the Academic Year 2023-24

The Dean of Academic Affairs informed the members that a new M.Tech. (Research) program in the Department of Computer Science and Engineering is being started from AY 2023-24 as per Item No. 57.5.2.1. This new program will have 20 GATE seats which will come from the total M.Tech. GATE seats of CSE department. Since there is no other proposal from the Departments for additional program/seats, it is proposed to have the same intake for the AY 2023-24, with the provision of 15% additional seats in each discipline of the M.Tech. Programs to take care of the withdrawals. Accordingly the PG intake for AY 2023-24 will be as follow:

Discipline	GATE/NON-GATE	Intake for 2022-23	Proposed intake for AY 2023-24
CSE*	GATE *	110	115
	NON-GATE	39	40
ECE	GATE	66	69
	NON-GATE	15	16
CB	IIITD process	28	29
	DBT process	15	15
Total		**273**	**284**

*As per the agenda 57.5.2.1, if approved, 20 seats of M.Tech. (CSE) GATE will be considered for M.Tech. (Research) program

After detailed deliberations the Senate recommended the above intake for approval of the Board.

Action: Academic Section

57.5.2.3 To consider the recommendation of the Academic Affairs Committee (AAC) for notification of the result for Ph.D. student after thesis defense

The Dean of Academic Affairs apprised the members of the background and informed that the Academic Affairs Committee (AAC) in its 26th meeting held on February 10, 2023 deliberated the matter regarding issue of result notification after the Ph.D. thesis defense and recommended to Senate for consideration and approval to start the issue of result notification in line with the format of IIT Delhi. He also clarified the points raised by the members. After a brief discussion the Senate approved the recommendation of the AAC.

Action: Academic Section

57.5.2.4 To consider the recommendation of the Academic Affairs Committee (AAC) for issue of academic warning and termination of registration of Ph.D. students who are not

performing their TAship duties sincerely

The Dean of Academic Affairs informed that the Academic Affairs Committee (AAC) in its 22nd meeting held on October 14, 2022, inter alia, considered the matter regarding issue of academic warning and termination of registration of Ph.D. students who are not performing their TAship duties sincerely and observed/recommended as under:

> "The AAC members deliberated on this point and suggested that the academic section should take feedback about such TAs from faculty members on a monthly basis. This will help in sensitizing the students who are not performing their TA duties.
>
> It was also noted that some Ph.D. students are not performing their TAship duties sincerely. After a detailed deliberation, it was suggested that if a Ph.D. student gets an "X" grade in TAship in one semester, then (s)he should be issued an "Academic Warning". Further, if any Ph.D. student receives 2 such "Academic Warnings", then his/her registration from the Ph.D. program will be terminated.
>
> Any academic warning / termination letter issued to the Ph.D. student should also be shared with his/her PhD advisor(s), so that Ph.D. advisor(s) can sensitize the student about the roles and responsibilities of a TA."

During the course of discussions the DoAA clarified the points raised by the members. After detailed deliberations the Senate approved the above recommendation of the AAC.

Action: Academic Section

57.5.2.5 To consider the recommendation of the Academic Affairs Committee (AAC) for completion of M.Tech. Thesis and Internship Guidelines

The Dean of Academic Affairs informed that the Academic Affairs Committee (AAC) in its 25th meeting held on January 13, 2023 discussed the matter related to M.Tech. thesis and Internship Guidelines and after detailed deliberations observed/recommended as under:

> "In the 56th Senate meeting held on October 21, 2022, it was noted that the number of M. Tech. students doing thesis work has been reduced due to various reasons including the tendency to take up internships. One of the Senate members had suggested that more flexibility should be given to the faculty to allow the students to go for internship and do the thesis concurrently. These suggestions were noted for further deliberations in the departments and the AAC, as to how the number of M.Tech. theses could be improved. Accordingly, this point was circulated with all stakeholders and feedback received from the Placement Team and Departments of ECE, CSE and CB, as detailed in the agenda note, was further discussed during the meeting. After detailed deliberations, the AAC recommended to the Senate to allow students to submit and defend their thesis during the internship, provided the student has completed the thesis work and only thesis writing and defense is pending. It was agreed that completion of the thesis is between the advisor(s) and the student. If a student has completed the thesis, then the advisor(s) may allow a student to go for internship, and the student can defend the thesis while being on

internship. Based on the supervisor's recommendation, the academic section will issue an NOC to students undertaking a thesis and taking 16 credits for the thesis. The NOC will specifically mention that the thesisdefense is pending for the student. The graduation date will be decided inaccordance with the date of the thesis defense and the date of submission of the final thesis. This will not be applicable to students taking capstone projects. Otherrules for issuing NOC will remain the same.

It was also decided that after the defense, the supervisor will have to submit the grade along with the final thesis as per the timeline mentioned below:

S.No.	Events	Graduation Dates		
		June 21	Sept 21	Jan 21
1	Submission of final thesis report after thesis Defense	By May 21	By Aug 21	By Dec 21
2.	Final grade will be updated after the Thesis Defense and final thesis submission at the end of	Winter Semester	Summer Term	Monsoon Semester

During the course of discussions the DoAA clarified the points raised by the members. After detailed deliberations the Senate approved the above recommendation of the AAC.

Action: Academic Section

57.5.2.6 To consider the recommendation of the Academic Affairs Committee (AAC) fornot penalizing financially the Ph.D. students on account of Academic Warning

The Dean of Academic Affairs informed that the Academic Affairs Committee (AAC) in its 17th and 26th meeting deliberated the financial penalty clause of PG regulation for Ph.D. students on account of Academic warning. The relevant clause from PG Regulation is as under;

"PG Regulation Clause 14 "Students under Warning"

(1) A student who is under warning will normally not be entitled for two components of his stipend – scholarship and assistantship. He/she will get only the sustenance portion. The student will also not be allowed to be on any elected/nominated committee representing students of the Institute, and if he is onany committee he/she shall resign"

After detailed deliberation, the AAC recommended that there should not be any financial penalty because of academic warnings in the case of Ph.D. students. Similalry, such students can also be assigned TAships. Rest of the rules remain the same.

During the course of discussions the DoAA clarified the points raised by the members. After detailed deliberations the Senate approved the above recommendation of the AAC.

Action: Academic Section

57.5.3 Other Matters

57.5.3.1 To consider the list of UG & PG students who have completed graduation requirements on 21st January 2023

The Dean of Academic Affairs presented a list of 34 students who have completed graduation requirements on January 21, 2022. After a brief discussion, the Senate approved the list of 34 students who completed graduation requirements on January 21, 2023, placed at **Appendix-V** and recommended for the approval of the Board of Governors.

Action: Academic Section

57.5.3.2 To consider the list of PGDCSAI program with great learning students who have completed graduation requirements on 31st December 2022.

The Dean of Academic Affairs informed that the 56 students listed in **Appendix-VI** have duly completed the graduation requirements on 31st December 2022 for the award of Post Graduate Diploma in CS and AI, being run in collaboration with Great Learning.

After a brief discussion the Senate approved the award of Post Graduate Diploma in CS and AI, being run in collaboration with Great Learning, and recommended for further approval of the Board of Governors.

Action: Academic Section

57.5.3.3 To consider the End of Semester Summary Report (Monsoon 2022)

The Dean Academic Affairs presented the summary of various activities of academics undertaken in the previous semester (Monsoon 2022) including the performance of UG/PG/Ph.D. During discussion a minor correction in respect of course "*Technology and Future of Work*" was noted and rectified. After detailed deliberations, the Senate noted the position.

Action: Academic Section

57.5.3.4 To consider the Academic Calendar for Summer Term 2023 and Monsoon Semester 2023for the Academic Year 2023-24

The Dean of Academic Affairs presented the Academic Calendars for Summer Term 2023 and Monsoon Semester 2023 for the Academic Year 2023-24. During the course of discussion it was felt that there should be a gap of about a week between the date of moderation and date of declaration of results. The DoAA also clarified the points raised by the members.

Further, the DoAA informed that in the last FM held on February 03, 2023, it was decided to postpone the moderation meeting to May 15, 2023 (Monday) because now RIISE is supposed to take place on 11-12 May, 2023. Therefore, the following two dates were proposed for moderation:

13th May (Saturday) - early moderation

15th May (Monday) - later moderation & start of vacation

With the above change in the calendar of Winter 2023 semester, it was also proposed to make May 11, 2023 a non-teaching day for 1st year and add a day (possibly a Saturday) as a teaching day.

After detailed deliberations the Senate approved the above proposals and the Academic Calendars for Winter 2023, Summer Term 2023 and Monsoon Semester 2023 of the Academic Year 2023-24 placed at **Appendix-VII(a) – Ist Year, Appendix-VII(b), Appendix-VIII and Appendix-IX** respectively.

Action: Academic Section

57.5.3.5 To consider and approve "The Instructor's Manual" as recommended by the Academic Affairs Committee (AAC)

The Dean of Academic Affairs presented the "The Instructor's Manual", recommended by the Academic Affairs Committee (AAC) in its 24 th meeting held on December 23, 2022 with the following observations:

- The last date to show all marked assignments/quizzes/midsem answer scripts should be announced in the beginning of the semester and should be specified in the Academic Calendar of IIITD.
- There should be no deadline/evaluation at least 3 days before the start of the End semesterexamination.
- Before the course starts there should be a Peer Review to know what is expected from thecourse. A Peer Review Template should be prepared for this purpose.
- There should be proctored examinations (40% proctored and 60% non-proctored).
- The current A+ grade will continue in the grading system but not more than 3% students in the course should be given A+ grade.
- Two or more instructors teaching the same course (same course code, name, and syllabus)in the same semester must provide uniform evaluation and assessment schemes. The grade matrix will also be same for students across different sections. The instructors should coordinate among themselves to ensure uniform evaluation and grades.
- The Capstone project and M.Tech. thesis defense deadlines to be notified in advance and should be highlighted in the Academic Calendar of IIITD.
- All the academic activities to be accomplished in the Academic year may be specified in the Calendar of IIITD.

During the course of discussions the DoAA clarified the points raised by the members. Some of the members made the following suggestions to be incorporated in the Manual:

- The terms 40% proctored and 60% non-proctored should be modified to read as "at least 40% proctored". The final statement for manual will be "There must be proctored assessments . The proctored assessments should be at least 40% of the total."

- For the A+ grade, the following final sentence, agreed with other members, will be: "The current A+ grade will continue in the grading system but the instructors should exercise caution in issuing high numbers of A+ grades in a course. A typical number for a large course (> 100 students) is about 3%. Unusually high numbers of A+ (or F grades) may require DoAA to seek for another moderation round for the course or a satisfactory explanation."The wordings of the para regarding teaching of the same course by two or more instructorsis modified, as agreed with other members, and it will be: "Two or more instructors teaching the same course (same course code, name, and syllabus) in the same semester should strive to provide a similar assessment plan, that is, the types of evaluation and theircontribution to the overall grade. The topics taught must be in line with the approved course description document and the evaluation must keep post conditions in mind. Suchcourses should take advantage of the Peer Review process conducted in the first week ofthe semester."

Action: Academic Section

57.5.3.6 To consider a proposal from the State University of Suny Albany, New York, for a joint degree program

The Dean of Academic Affairs informed the members that the Academic Affairs Committee (AAC) in its 23rd meeting held on November 18, 2022 discussed a proposal from the State University of Suny Albany, New York, for a joint degree program and agreed to the proposal, in principle, and requested the DoAA to work out the details for further consideration of the AAC / Senate.

Pursuant to the above, the DoAA presented the following details/proposals, prepared in consultation with the Department of CSE, for consideration of the Senate:

* IIIT-Delhi follows a credit-based system, so, IIIT-Delhi should not hesitate in granting a degree as long as its credit requirements (Core courses, Department Elective, Open Elective, non-technical course requirements) are met, and has to only enable transfer of credits for equivalent courses. The CSE department has worked out the mapping of equivalent courses from the B.Tech. program.

* SUNY Albany students have to take several non-technical courses, e.g., US History, which can be covered in the Open Elective requirements.

* The 4+1 model, in which a student spends 4 (four) successful academic years at IIIT Delhi and 1 (one) successful academic year at Albany, can be implemented easily by mandating certain courses (as required by Albany as prerequisites for their Master's program, if any) in the Open Elective and Department Elective slots in the last 4 semesters. This will lead to award of two degrees to a student, first the B.Tech. degree by IIIT Delhi on completion of all requisite credits as per the B.Tech. Regulation in the four years at IIIT Delhi and M.S. degree by SUNY Albany on completion of all requisite credits as per the agreement between IIIT Delhi and SUNY Albany.

* The 3+1/1.5 model, in which a student spends 3 (three) successful academic years at IIIT Delhi and 1 (one)/ 1.5 (one and half) successful academic year at Albany, can be implemented easily by mandating certain courses (as required by Albany as unfulfilled requirements of their B.Tech. program) in the Open Elective and Department Elective

slots in the last 4 semesters. This will lead to award of dual degree/joint degree(s) from both Institutions.

* A detailed exercise needs to be carried out for the 2+2 program since it appears from thecourse mapping that many of Core courses of IIIT Delhi are not available there; hence, itmay be better to stipulate "first 2 years at IIIT-Delhi, last 2 years at Albany" instead of simply saying 2 years at IIIT-Delhi and 2 years at Albany. This will lead to award of two degrees, B.Tech. degree by IIIT Delhi with acceptance of credits earned by the students at Albany and B.S. degree by Albany with acceptance of credits earned by the student at IIIT Delhi

During the course of discussions the DoAA clarified the points raised by the members. After detailed deliberations the Senate agreed to the proposal, in principle, and recommended for the approval of the Board of Governors.

Action: Academic Section

57.5.3.7 To consider the recommendation of the Academic Affairs Committee (AAC) on the course capping on registration numbers during pre-registration and add drop

The Dean of Academic Affairs informed the members that the Academic Affairs Committee (AAC) in its 25th meeting held on January 13, 2023 considered the matter regarding course capping on registration numbers during pre-registration and add drop and observed/recommended as under:

> "The AAC noted the availability of classrooms with different seating capacities. After detailed deliberations, the AAC recommended to the Senate to have a cap of 150 students in Elective courses with a wait list of 50 students against withdrawals. However, the instructor may waive the capping and if waived, then there will not be any other cap on the number of registrations in the course. Any genuine case requiring special consideration, if received in advance through the Department, may be put up to the Standing committee for consideration. The allotment will be on a first come first serve basis. The Academic Section will work out the process of course allocation on the ERP."

After a brief discussion the Senate approved the above recommendation of the AAC.

Action: Academic Section

57.5.3.8 To consider the recommendation of the Academic Affairs Committee (AAC) for mapping of course to credits for PG Diploma in CS and AI being run in collaboration with Great Learning

The Dean of Academic Affairs informed the members that the Academic Affairs Committee (AAC) in its 26th meeting held on February 10, 2023 deliberated on mapping of courses to credits of PG Diploma in CS and AI being run in collaboration with Great Learning. Dr. Sanjit Kaul, Program Director presented the proposal and answered the queries made by the members. The AAC, after detailed deliberations, recommended considering the Class and Async Learning hours for mapping of credits. It was noted that a total of 452 hours effort is required by the student, which includes Quizzes and projects. For credit mapping a total of

293.5 hours is to be considered which includes only lecture content (i.e. in class and asynchronously learning) and capstone. The basis of the mapping is 10 hours per course credit, the total credits of the program comes to 30 credits which is at par with PGDDSAI Program with IBM. The detailed table with course wise credit mapping is given below;

Course	Faculty Class	Mentor class	Quiz	Asynchronous learning	Projects	Total/Course	Total/Course (Class + Async Learning)	Credits
Course 1: Programming with Python	7.50	10.00	2.50	19.00	20.00	59.30	36.50	4.00
Course 2: Data Structures and Algorithms	10.50	8.00	3.50	13.00	20.00	55.00	31.50	3.00
Course 3: Design and Analysis of Algorithms	7.50	6.00	2.50	16.00	20.00	51.70	29.50	3.00
Course 4: Databases - SQL and NoSQL	6.00	4.00	2.00	6.00	20.00	38.00	16.00	2.00
Course 5: Machine Learning	7.50	6.00	2.50	9.00	20.00	45.00	22.50	2.00
Course 6: Advanced Machine Learning	6.00	4.00	2.00	11.00	20.00	42.50	21.00	2.00
Course 7: Deep Learning for AI	10.50	8.00	3.50	28.00	20.00	70.20	46.50	5.00
Capstone						90.00	90.00	9.00
TOTAL	55.50	46.00	18.50	102.00	140.00	451.70	293.50	30.00

During discussion Dr. Sanjit Krishnan Kaul who was present in the meeting clarified the points raised by the members. After detailed deliberations the Senate approved the above recommendation of the AAC for the PGD in CS&AI program.

The AAC further proposed that similar mechanisms for counting credits should be applied for future PGD programs and a minimum of 28 credits will be required for a PGD program.

Action: Academic Section

57.6.1 Establishing a Franco-Indian Campus for Health Science with IIIT-Delhi as one of the participating Institutions

The Dean of Academic Affairs informed the members that based on a joint proposal, IIIT-D has been selected by the Ministry of Europe and Foreign Affairs and the Ministry of Higher Education and Research of the Government of France for establishing a Franco-Indian Campus for Health Sciences. This campus will be established as a collaboration between four Institutions, namely Université Côte d'Azur from France, and Indraprastha Institute for Information Technology, Delhi, Indian Institute of Sciences, Bangalore, and Ashoka University, Sonepat from India. This collaboration envisages strengthening the university and scientific cooperation between France and India while benefiting students and academic communities in both the countries.

The Senate noted the above for information and desired that the same may be reported to Board of Governors for information.

Action: Academic Section

57.6.2 To consider the recommendation of the Academic Affairs Committee (AAC) for taking action against UG, PG and Ph.D. students who remain unauthorisedly absentfrom the Institute without information

The Dean of Academic Affairs informed the members that the Academic Affairs Committee (AAC) in its 26ᵗʰ meeting held on February 10, 2023 noted that there are several UG, PG and Ph.D. students in the Institute who neither apply for a semester leave nor register for the course/thesis credits. Some of the Ph.D. students are in the 21st semester, and there is no update from them about their research progress or their plans for thesis submission. Many of them do not even respond to the emails sent by the Institute/Academic team. The AAC also noted that there are several cases of '0' registrations in the Winter Semester of AY 2023. After detailed deliberation, the AAC recommended as under:

i.　　For Ph.D. students who have not registered, mark them "Absent Without Leave" on ERP, stop their fellowship and other facilities immediately. For B.Tech. & M.Tech. students who have not registered, mark them "Absent Without Leave" on ERP. If a candidate remains "Absent Without Leave" for two semesters, his/her registration shall be terminated and a termination letter will be issued to the student with a copy to the Head of the Department (and to the Advisor(s) in case of Ph.D. students). During the course of discussion, it was clarified by the DoAA that regular reminders (minimum once a month, so about 4-5 in a semester) will be sent to such students before issuing the termination letter.

ii.　　The Annual Review should be made mandatory for all Ph.D. students, even after 5th year of Ph.D. Moreover, it was made clear that no exceptions will be granted for annual reviews and as long as any PhD student remains registered in the PhD program, they will have to appear in clear the annual reviews regularly.

iii.　　After the 5th year of Ph.D., the default fee waiver will be stopped. The student must pay a fee equivalent to the fee applicable to sponsored students, failing which his registration shall stand terminated. The Advisor(s) may request for a waiver of fee in genuine cases.

iv.　　After completing 7 years in the Ph.D. program, all Ph.D. students will be required to pay a fee equivalent to the fee applicable to sponsored students mandatorily. The feewaiver request will not be accepted in any case.

v.　　Ph.D. students can be allowed to register courses and complete the program within amaximum of 10 years.

vi.　　The maximum duration of the Ph.D. program will be 10 years from the date of joining. If a Ph.D. student does not submit his/her thesis within 10 years from the date of joining, his/her registration will be terminated and a termination letter will be issued to the student with a copy to the Head of the Department and to the Advisor(s).

During the course of discussions the DoAA clarified the points raised by the members. After detailed deliberations the Senate approved the above recommendation of the AAC and desired that the relevant regulations may be updated accordingly.

Action: Academic Section

57.6.3 To consider the recommendation of the Academic Affairs Committee (AAC) for revisions in the minor on Quantum Technologies

The Dean of Academic Affairs informed the members that the Center for Quantum Technologies (CQT) had approached the Academic Affairs Committee for the following changes in the minor on Quantum Technologies:

1) Quantum Information Theory (QIT) to be moved from bucket 2 to bucket 1. This would allow students to choose 3 courses from 5 (As of now, there are only 4 courses in bucket 1 that are being offered and the students have limited option).

2) The following courses would be added to bucket 2: Information Theory (ECE501), Coding theory (MTH514), Lattices in Computer Science (CSE526), Advanced Solid StateDevices.

The AAC has considered and recommended the proposed revisions for consideration and approval of the Senate.

After a brief discussion the Senate approved the above recommendation of the AAC. It was also decided to implement the above changes with effect from the Winter semester 2023.

Action: Academic Section

Suggestions from Prof. Kaushik Saha, External Member from IIT Delhi

At the end of the meeting Prof. Kaushik Saha, external Senate Member from IIT Delhi, raised an important concern about the growing cases of deaths due to accidents and suicides on the campuses all over India, and suggested to take steps so that no student is left alone in distress. The Director thanked Prof. Saha for his suggestions and informed that IIITD is already taking several steps in this regard. He reiterated that the mental/ physical health of our students, and their general well-being are at the very top of our priority list. He informed that the Director and the Dean of Student Affairs (DoSA) have already discussed this important matter, and outlined the proactive steps required for the well-being of the students in the context of student-loss occurring in campuses across the country. He further informed the Senate that DoSA, along with the Institute counsellor, has had meetings with students to understand their challenges. Prof. Sujay Deb, DoSA also informed the Senate about the specific steps being taken by the Institute to help and sensitize the students.

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

Agenda Item No.	Particulars of the Agenda item	Action taken	Current Status
57.4.1.1	To report the status of Cycle 3 NAAC accreditation	For Cycle 3 NAAC accreditation, the AQAR for the AY 2020-21 has been submitted on February 21, 2023 and AQAR for AY 2021-22 is under preparation	Ongoing
57.4.1.2	To report the status of Ph.D., M.Tech. and B.Tech. admissions for Academic Year 2022-23	Noted for implementation	Closed
57.4.1.3	To ratify the approval given by Chairman, Senate to allow Mr. Tarun Aggarwal (MT21213) to re-join the Institute in the coming winter semester 2023 (AY 2022-23) in M.Tech. (ECE-VLSI & ES)	Noted for implementation	Closed
57.5.1.1	To consider the Eligibility & Intake for UG for the Academic Year 2023-24	Noted for implementation	Closed
57.5.1.2	To consider recommendation of the Academic Affairs Committee (AAC) to allow a student to take an overload	Noted for implementation	Closed
57.5.1.3	To consider the recommendation of the Academic Affairs Committee (AAC) for Semester Extension of a 2014 batch student Aniket Kadiyan	Noted for implementation	Closed
57.5.1.4	To consider the recommendation of the Academic Affairs Committee (AAC) for inclusion of courses into the B.Tech. (CSAI) regulations	Noted for implementation	Closed
57.5.1.2	To consider the recommendation of the Academic Affairs Committee (AAC) for starting an M.Tech. (Research) program in the Department of Computer Science & Engineering (CSE)	Noted for implementation	Closed
57.5.2.1	To consider the recommendation of the Academic Affairs Committee (AAC) for starting an M.Tech. (Research) program in the Department of Computer Science & Engineering (CSE)	Noted for implementation	Closed
57.5.2.2	To consider the Intake for PG programs for the Academic Year 2023-24	Noted for implementation	Closed
57.5.2.3	To consider the recommendation of the Academic Affairs Committee (AAC) for	Noted for implementation	Closed

	notification of the result for Ph.D. student after thesis defense		
57.5.2.4	To consider the recommendation of the Academic Affairs Committee (AAC) for issue of academic warning and termination of registration of Ph.D. students who are not performing their TAship duties sincerely	Noted for implementation	Closed
57.5.2.5	To consider the recommendation of the Academic Affairs Committee (AAC) for completion of M.Tech. Thesis and Internship Guidelines	Noted for implementation	Closed
57.5.2.6	To consider the recommendation of the Academic Affairs Committee (AAC) for not penalizing financially the Ph.D. students on account of Academic Warning	Noted for implementation	Closed
57.5.3.1	To consider the list of UG & PG students who have completed graduation requirements on 21st January 2023	Noted for implementation	Closed
57.5.3.2	To consider the list of PGDCSAI program with great learning students who have completed graduation requirements on 31st December 2022.	Noted for implementation	Closed
57.5.3.3	To consider the End of Semester Summary Report (Monsoon 2022)	Noted for implementation	Closed
57.5.3.4	To consider the Academic Calendar for Summer Term 2023 and Monsoon Semester 2023 for the Academic Year 2023-24	Noted for implementation	Closed
57.5.3.5	To consider and approve "The Instructor's Manual" as recommended by the Academic Affairs Committee (AAC)	Noted for implementation	Closed
57.5.3.6	To consider a proposal from the State University of Suny Albany, New York, for a joint degree program	Noted for implementation	Closed
57.5.3.7	To consider the recommendation of the Academic Affairs Committee (AAC) on the course capping on registration numbers during pre-registration and add drop	Noted for implementation	Closed
57.5.3.8	To consider the recommendation of the Academic Affairs Committee (AAC) for mapping of course to credits for PG Diploma in CS and AI being run in collaboration with Great Learning	Noted for implementation	Closed
57.5.6.1	Establishing a Franco-Indian Campus for Health Science with IIIT-Delhi as one of the participating Institutions	Noted for implementation	Closed

57.5.6.2	To consider the recommendation of the Academic Affairs Committee (AAC) for taking action against UG, PG and Ph.D. students who remain unauthorisedly absent from the Institute without information	Noted for implementation	Closed
57.5.6.3	To consider the recommendation of the Academic Affairs Committee (AAC) for revisions in the minor on Quantum Technologies	Noted for implementation	Closed

Additional Agenda items for the 58th Senate meeting to be held on May 18, 2023

1. To consider the recommendation of the Academic Affairs Committee (AAC) for replacing the mandatory 2-credit OOPD course

The Academic Affairs Committee (AAC) in its 28th meeting held on May 08, 2023 considered the recommendation of the Department of CSE for replacing the mandatory 2-credit OOPD course and observed / recommended as under:

> "Ms. Nisha Narwal, AM(Academics) presented the item and informed that feedback from ECE and CB departments has been sought and the same is awaited. During the course of discussions Dr. Sumit Darak informed that the matter is under discussion in the ECE Department and a clarification is required if the M.Tech. ECE students could take the DPM course instead of the OOPD. Dr. Ganesh Bagler informed that the matter is under discussion and he will update soon. After detailed deliberations, the AAC recommended to the Senate for running two flavors of OOPD course with C++ as a programming language, viz. OOPD of 2 credits - code ECE600A/CSE600A and OOPD of 4 credits – code CSE600 (2 additional credits). While the MTech (CSE) students will have to take only the 4-credit OOPD course (i.e., CSE600), the MTech (ECE) and MTech (CB) students will have the option to take either 2 or 4 credits of the OOPD course. Prof. Pushpendra was requested to update the syllabus in the light of the discussions held in the meeting.
>
> Further, the ECE and CB departments were requested to deliberate the above in their respective department and if they have any objection to the above recommendation, they should inform the AAC latest by 16th May, 2023."
>
> Inputs from the ECE and CB departments are awaited and will be placed on the table when received.

The Senate is requested to consider and approve the above recommendation of the AAC.

2. To consider a proposal for revision of criteria for selection of faculty for Prof. Rajeev Sanghal Faculty Fellowship Award

The Board of Governors in its 50th meeting held 09.09.2020 had approved the criteria for the award of Prof. Rajeev Sanghal Faculty Fellowship placed at **Annexure**.

Subsequently, the external evaluation committee constituted to recommend the name of IIITD faculty for "Prof. Rajeev Sanghal Faculty Fellowship Award" for the year 2022 had made some observations about the insignificant number of nominations. It was noted by the committee that the number of nominations received from the students were insignificant and needs to be increased in future. Accordingly, we discussed the matter in consultation with the donor, Prof. Ponnurangam Kumaraguru, (PK)   and came out

with the following suggestions to increase the number of feedbacks from the students and improve the guidelines:

1. Nominations may be invited from IIIrd and IVth year B.Tech,, IInd year M.Tech. and graduating Ph.D. students
2. The process for inviting nominations may be started early in the Winter Semester
3. The name of the faculty selected for the fellowship along with his/her one pager write up may be shared with Prof. PK every year through his personal email id.

In view of the above it is proposed to partially revise the existing criteria for selection of faculty for Prof. Rajeev Sanghal Faculty Fellowship Award as under:

Existing criteria	Proposed revised criteria
Sl. 1 to 5 of the BoG agenda (50.6.1.4)	No change
Sl. 6. Graduating batch+ last two graduating batches will vote i.e. for # class of 2020, class of 2019, 2018 and 2020 will vote. This is to help capture the impact over medium term.	Sl. 6. Nominations may be invited from IIIrd and IVth year B.Tech,, IInd year M.Tech. and graduating Ph.D. students The process for inviting nominations may be started early in the Winter Semester
Sl. 7 to 10	No change
Sl. 11 -	Sl.11. The name of the faculty selected for the fellowship along with his/her one pager write up may be shared with Prof. PK every year through his personal email id.

The Senate is requested to consider the above proposal and make appropriate recommendation to the Board..

50.6.1.4 Criteria for Prof Rajeev Sanghal Fellowship

Board in its 47th meeting noted the receipt of Rs. 25 lakh from Dr P. Kumaraguru (PK) as funds that he got through Wombat acquisition. In March 2018, Wombat Security Technologies was acquired by Proof Point for $225 Million. PK's Ph.D. thesis contributed in creating Wombat in 2008. Further to the receipt of funds, Dr PK decided that out of the funds received, fellowships will be awarded each year to a faculty member having a wholesome impact on students. This fellowship will be called Prof. Rajeev Sangal Faculty Fellowship.

Given below is the proposed criteria for awarding the fellowship:

1.   Teaching - value 3.5 or above (as per the current criteria), Research - 'Good' or above (for 3 past years, i.e. from the time the batch started, E.g. for class of 2020, August 2016 onwards)
     a.   Only regular faculty members are eligible.
     b.   Faculty member should have spent at least 3 years with IIIT-D.
     c.   Prof. PK will not be eligible for this fellowship.
2.   If received once, same faculty member will not be eligible for the award next year.
3.   This fellowship is open for faculty members of all the disciplines.
4.   Faculty members who qualify this criterion will be selected further based on the votes of such B.Tech. students as detailed below.
5.   Students can choose only one faculty member for the fellowship.
6.   Graduating batch + last 2 graduating batches will vote, i.e. for #class of 2020, class of 2019, 2018 and 2020 will vote. This is to help capture the impact over medium term.
7.   All eligible faculty members will be requested to submit a one pager on what they think their impact on the campus among students is, including what they will do with the fellowship if they get it.
8.   A committee of 3 or 5 faculty members (preferably majority / all being external) will look at the eligible faculty members, with student rating, and the one pager to decide on the faculty member who will receive the fellowship. For committee formation DOAA will share a list of up to 10 (minimum 6) external renowned academicians or researchers. The Director will choose any 3-5 members from the list to make the final committee.
9.   Only one faculty every year will get the fellowship. It will be given every year on the Foundation Day.
10. At the end of the Academic Year after receiving the fellowship, the recipient will submit a one pager on what was achieved with the fellowship and this report will be shared with the donor.

3. **To consider recommendation of the AAC for policy guidelines for payment of tuition fees by a sponsored candidate who joined IIITD as a Ph.D. student in the middle of the semester**

Mr. Nikhil Bhargava joined the Ph.D. program as a sponsored candidate in the middle of Winter Semester 2023 i.e. on 8th February 2023. Normally a sponsored Ph.D. student has to pay the tuition of Rs. 1,50,000 once a year. Since he joined in the middle of the second semester, the AAC has deliberated over email and recommended for approval of the Senate the following policy guideline for sponsored Ph.D. student who join in the middle of the semester:

> "In the semester that the students start their Ph.D., they will be charged tuition fee for that semester if they register for course credits (> 0); otherwise, they will only be charged from the next semester. No past fee will be charged. The students will also be paying the full fee from the next **regular** semester onwards."

The Senate is requested to consider and approve the above recommendation of the AAC.

4. **To consider recommendation of the Academic Affairs Committee (AAC) for Incentivising the M. Tech. Thesis**

The Academic Affairs Committee (AAC) in its 28th meeting held on May 08, 2023 considered a proposal of the Department of ECE for Incentivising the M. Tech. Thesis and observed/recommended as under:

> "Dr. Sumit J. Darak presented the proposal to incentivize the M.Tech. Thesis. He informed the members that the proposal recommended in ECE FM aims at motivating the students to stay on campus for four regular semesters. Such students will receive reimbursement of 25% of their M.Tech. fee after completing the M.Tech. Thesis and TAship in four regular semesters. After detailed deliberations the AAC agreed to the proposal and recommended for consideration of the FC. Since the matter is common to M.Tech. CSE program as well, the Deptt. of CSE was also requested to discuss the proposal in their department for incentivizing and give their feedback for further consideration, latest by 16th May, 2023."

Further to above the Department of CSE has informed that they have discussed the proposal in their department but there was not enough enthusiastic response among the department members. The matter requires in-depth discussion, so as of now, the department is not in favour of adopting the proposal for the CSE department.

The Senate is requested to consider and approve the above recommendation of the AAC for Incentivising the M. Tech. Thesis of ECE Department.

5. **To consider the recommendation of the Academic Affairs Committee (AAC) for approval of regulations for the M.Tech. (Research) in CS&E proposed by the Department of CSE**

The Senate at its 57th meeting held on 17.2.2023 had considered earlier the recommendation of the Academic Affairs Committee (AAC) for starting an M.Tech. (Research) program in the Department of Computer Science & Engineering (CSE) and had observed / recommended as under:

> "The Dean of Academic Affairs informed the members that the Academic Affairs Committee (AAC) in its 23rd meeting held on November 18, 2022 and 25th meeting held on February 10, 2023 has considered the proposal from the Department of CSE for starting an M.Tech. (Research) program and agreed to the proposal, in principle. Thereafter, Dr. Vinayak Abrol presented the salient features of the revised proposal for M.Tech. (Research) program and answered the queries made by the members. It was noted that 20 GATE seats (out of the total GATE seats of CSE) will be earmarked for this program and entry eligibility requirement will be one CGPA higher than the regular M.Tech (CSE) program. The structure of this program is same except that candidates admitted to this program will have to do mandatory research thesis. They will be paid Assistantship of Rs.21000/- p.m., (Rs.12400/- from AICTE and Rs. 8600 from the Institute). It was also noted that once admitted to this program, the candidates cannot go back and ask to move to other programs. After detailed deliberations the Senate agreed to the proposal, in principle, and recommended for the approval of the Board of Governors. The Senate also advised to take further necessary action to revise the proposal in the light of the suggestions made by the members, especially about reducing the course load and making the program attractive for prospective students."

Subsequently, the proposal of the Department of CSE for starting a two-year M. Tech. (Research) Program from the Academic Year 2023-24 along with the above recommendation of the Senate was placed before the Board of Governors for consideration. The Board in its 60th meeting held on 28.03.2023 considered the proposal and decided as under:

> "The Board noted that the proposal for starting M.Tech. (Research) program in the Department of Computer Science and Engineering (CSE) with an intake of 10 seats from the Academic Year 2023-24 was approved by circulation over email. The approval thus accorded may be taken on records and the Institute may proceed further with the program as per the recommendations of the Senate to the proposal of the Department of Computer Science, including the associated financials. Accordingly, the financial provisioning may be incorporated in the budget of the Institute for the Financial Year 2023-24 for 10 seats."

Pursuant to the above decision of the Board the Deptt. of Computer Science and Engineering has formulated draft regulations for the M.Tech. (Research) program in

CS&E. A copy of the draft regulation was circulated among the AAC members over email for perusal and comments. Based on the feedback received from the members over email the regulation for M.Tech. (Research) program in CS&E has been finalised and recommended for approval of the Senate as per **Annexure** available at https://docs.google.com/document/d/1Ho0e72JAx3cFI2_kCgZqP9iEklsrd2d0M0J8MZ0QR2Y/edit?usp=sharing.

The Senate is requested to consider and approve the above recommendation of the AAC

6. **To consider recommendation of the Academic Affairs Committee (AAC) to allow the graduating/current batch of students to take either of the two 4-credit elective courses offered in the ENT minor, namely Foundations of Marketing and Social Entrepreneurship in lieu of a core course "New Venture Planning".**

The following committee met on 16.5.2023 for resolving the situation faced by the students because one of the faculty members not being available to take a core course in ENT – minor, namely "New Venture Planning":

- Prof Tavpritesh Sethi (former faculty in-charge of Entrepreneurship) - Chair
- Prof Anupam Saronwala (Visiting faculty and Director / advisor of Incubation Centre and I-hub Anubhuti) - member
- Prof Pankaj Vajpayee (current faculty in-charge of Entrepreneurship) - member

After deliberations the above committee has observed that either of the other electives offered in the ENT minor, namely **Foundations of Marketing** and **Social Entrepreneurship**, fulfilled the conditions of New Venture Planning. Hence, the committee is of the view that if a student has done either of these two 4-credit courses, then that would be considered equivalent to New Venture Planning.

The AAC has considered and agreed to the above observation/recommendation of the committee over email and recommended for approval of the Senate.

The Senate is requested to consider and approve the above recommendation of the AAC

7. **To consider a proposal for starting a 2+2 joint degree collaborative program with State University of Suny Albany, New York**

The Senate in its 57th meeting held on February 17, 2023, had discussed a proposal from the State University of Suny Albany, New York, for a joint degree program and agreed in principle to the proposal. Subsequently the Board of Governors in its 60th meeting held on March 28, 2023, vide item No. 60.6.2.3, considered the proposal along with the recommendation of the Senate and observed/ decided as under:

"The Board was briefed by the Director that the State University of New York at Albany, an R-1 category research university in the US, has been interested in

building academic collaborations and starting joint degree programs. Three possible collaborative academic programs with individual degree awarding options, like a dual degree or joint degree, have been agreed upon in principle by the Senate. The Board accorded its approval to the proposal recommended by the Senate. Accordingly, the Institute and University at Albany, State University of New York, may workout the further modalities for these programs. The Director apprised that various other Universities from abroad have expressed intentions of starting similar academic and research partnerships, and the discussions are at advance stages. The Board appreciated the same and advised that the brand value of the Institute may be protected and the academic benefits for the Institute may be well defined before going for any joint academic programs"

Pursuant to the above a meeting was held at IIITD with the representative of the State University of Suny Albany, New York to workout the further modalities for these programs. After detailed discussions it was agreed to initially start the 2+2 model and based on the learning /experience of this model other modules such as 4+1 and 3+1/1.5 model will be considered in the due course.

Dr. Syamantak Das of the CSE department will present the details of the 2+2 model agreed with State University of Suny Albany, New York for implementation in the beginning.

The Senate is requested to consider and approve the above proposal.