

## Minutes of the 33<sup>rd</sup> Meeting of Senate

The 33<sup>rd</sup> Meeting of the Senate was held on 17.02.2025 from 10:00 AM onwards in hybrid mode (physical / online) in the Board Room of the Institute. The members in attendance were as follows:

### Members who attended in Physical Mode:

1.	Prof. Mukul S. Sutaone, Director IIITA	Chairman
2.	Prof. U.S. Tiwary, Dean (FA)	Member
3.	Prof. G.C. Nandi, Professor	Member
4.	Prof. O.P. Vyas, Dean (TD) & (IWD)	Member
5.	Prof. Anupam, Dean (Alumni Affairs)	Member
6.	Prof. Shekhar Verma, Dean (SDA)	Member
7.	Prof. Manish Goswami, Dean (A &R)	Member
8.	Prof. Pavan Chakraborty, Dean (SA)	Member
9.	Prof. Madhvendra Misra, Dean (I&NR)	Member
10.	Dr. K.P. Singh HOD (IT)	Member
11.	Dr. Sanjai Singh, HOD (ECE)	Member
12.	Dr. Pramod Kumar, HOD (AS)	Member
13.	Dr. Pragya Singh, HOD (MS)	Member
14.	Prof. Tapobrata Lahiri, Professor	Member
15.	Prof. Vrijendra Singh, Professor	Member
16.	Prof. Vijaishri Tewari, Professor	Member
17.	Prof. Pritish Varadwaj, Professor	Member
18.	Prof. Ranjit Singh, Professor	Member
19.	Prof. Vikram M. Gadre, Professor, Dept. of Electrical Engg. IIT Bombay	Member
20.	Sh. Prakash Kajave, Principal Specialist, Training & Capability Devp. Tech Mahindra	Member
21.	Sh. Niranjan A. Pol, Sr. Engineering Director, Seagate Technology HDD(India) Pvt Ltd	Member
22.	Dr. Mandar S. Karyakarte, Registrar IIITA	Member Secretary

### Members who attended in ONLINE Mode:

1. Prof. Abhay Gandhi, Professor, Dept. of Electronic Engg. VNIT Nagpur Member
2. Prof. P.S. Sathidevi, Professor (HAG), ECE Dept, Former Deputy Director & Director in Charge, NIT Calicut Member

### Members who couldn't attend the meeting:

1. Dr. Upendra Kumar Singh, Distinguished Scientist and Director General Life Sciences DRDO, Gol Member



### Special Invitees who attended the meeting:

1. Dr. Manish Kumar, Associate Professor, IT Dept.
2. Dr. Srijit Bhattacharjee, Assistant Professor, AS department

The Secretary Senate welcomed all the senate members to the meeting and requested the Chairman Senate for the opening remarks of the meeting.

At the outset, the Chairman Senate welcomed the members and informed them that the last Senate meeting (32<sup>nd</sup>) was Convocation specific, resolutions of which were accordingly implemented. He briefed the Senate about the following events / programs / workshops / conferences organized by the Institute since the last Senate meeting, and appreciated the respective organizing teams for the relevant theme, meticulous management, attaining expected outcomes and creating lasting impact of each of such initiatives:

- 5th International Workshop on Generative AI and Human Robot Interactions [14-16 Feb 2025]
- A-ESDP (Advanced Entrepreneurship and Skill Development Program) - Augmenting the Skill-Set for New Generation Cyber Security Entrepreneur [10-14 Feb 2025] under MSME
- 2nd Colloquium on Business Informatics and Indo-German Workshop on XAI (eXplainable AI) & Federated Learning with THM Univ. of applied sciences, Germany under ERASMUS+ Project [21-23 Jan 2025]
- Workshop on Fractals: GAANA (Geometry, Analysis, Algebra, Numerics, and Applications) [29-31 Jan, 2025]
- IEEE International Conference on Information and Communication Technology (CICT-2024) 8th edition on rotation basis [6-8 Dec, 2024]
- Partnered academically with Gyan Mahakumbh organized in Sector 8, Kumbh Mela area, Sangam, Prayagraj by Shiksha Sanskriti Utthan Nyas, along with MNNIT, Allahabad and Allahabad University, wherein IIITA hosted a session on "Shiksha Se AtmaNirbhar Bharat".
- Hosted Prof. Manjul Bhargava – NEP-2020 author & accomplished mathematician and had fruitful interaction with him on 'Bhartiya Knowledge System' and other domains of wisdom.
- An interaction of students & faculty was organized with Dr. Sreedhara Panicker Somanath, 10<sup>th</sup> Chairman of ISRO and other members from ISRO who visited IIITA on February 15, 2025. IIITA has a MoU with ISRO

Further, the Chairman Senate informed the members that prior to this meeting, pre-senate deliberations were carried out with all faculty members of the academic departments to apprise them on the agenda items and seek their inputs / suggestions, towards inclusion in this Senate meeting. This practice resulted in an elegant compilation of agenda items to be decided in the meeting, he said, and expressed the desire to continue such an inclusive approach in future. Before he suggested the Secretary Senate to start the meeting, the services rendered by the outgoing Registrar and Secretary-Senate Dr. Satish K. Singh were appreciated and put on record, with a welcome to Dr. Mandar S Karyakarte, the new Registrar and Secretary-Senate.

The Chairman Senate then asked the Secretary Senate, to present the Agenda Items to proceed with the meeting:



<u>ITEM NO.</u> <b>33.01</b>	To receive the Minutes of 30th Meeting of Senate held on <b>23.07.2024</b>
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Prof. Abhay Gandhi queried about the wording “ratification” of the minutes of the previous meeting, on which he suggested the substitute as “confirmed” or “received” (when they are mentioned in the next meeting), after they are approved through circulation. The Chairman Senate apprised the external members on the sequence of actions, in this regard, as practiced at IIITA, as follows.

- The draft minutes of a meeting are circulated among all the present members who attended that meeting, inviting their comments / suggestions on the same.
- The comments that aptly reflect the discussions around the agenda item are considered for incorporation, in spirit, by the Secretary after seeking permission of the Chairman for such changes in the draft.
- The edited and finalized draft is circulated for ‘approval’ among the present members and finally the Chairman ‘confirms’ the same, signs the print copy towards placing it in the next meeting for ratification/reporting/receiving.
- These procedural steps are as per provisions in the IIITA Statutes.

After deliberation, the Chairman Senate clarified that the term “ratified” means “give formal consent or approval to”, hence the wording ‘ratified’ instead of ‘confirmed’. Prof. Gadre supported this explanation and said that, if the word ‘confirmed’ is to be used in the subsequent meeting for minutes of previous meeting, such ‘confirmation’ should merely be the formality and should not reopen discussions. One of the members seconded the explanation, given by the Chairman Senate and said that the prevailing practice aligns with the procedures outlined in IIITA statutes, in this regard. The member further endorsed that this prevailing practice should be adhered to hereafter also, so that resolution-based urgent actions, if any, can be initiated promptly without waiting for formal confirmation of the minutes in the next meeting. After these discussions, the Senate decided to use the wording ‘To receive’ in place ‘To ratify’ in the title of the Agenda item and the wording ‘Formally Received’ in place of ‘Ratified’ for the minutes of the previous meeting in the next meeting, for all future meetings, deploying these corrections from this meeting.

**Resolution: S-33/01** – The Senate noted and formally received the Minutes of 30<sup>th</sup> Senate.

<u>ITEM NO.</u> <b>33.02</b>	To receive the Action Taken Report on Minutes of 30th Meeting of Senate held on <b>23.07.2024</b>
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The action taken report on the minutes of the 30th Senate meeting was presented to the Senate.

**Resolution: S-33/02** - The Senate perused and received the ATR, while noting the compiled print-copy of Program Curriculum structures and detailed syllabi of all NEP governed Bachelors’ and Masters’ academic programs of IIITA.

<b>ITEM NO.</b> <u>33.03</u>	<b>To receive the Minutes of Emergency Meeting (31st) of Senate held on 23.09.2024</b>
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**Resolution: S-33/03** - The Senate noted and formally received the Minutes of 31<sup>st</sup> Senate.

<b>ITEM NO.</b> <u>33.04</u>	<b>To receive the Action Taken Report on Minutes of Emergency Meeting (31st) of Senate held on 23.09.2024</b>
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The action taken report on the minutes of 31<sup>st</sup> Senate meeting was presented to the Senate.

**Resolution: S-33/04** - The Senate perused and received the ATR.

<b>ITEM NO.</b> <u>33.05</u>	<b>To receive the Minutes of the 32nd Special Meeting of Senate (Convocation Specific) held on 04.10.2024</b>
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**Resolution: S-33/05** - The Senate noted and formally received the Minutes of the 32nd Senate.

<b>ITEM NO.</b> <u>33.06</u>	<b>To receive the Action Taken Report on Minutes of the 32nd Special Meeting of Senate (Convocation Specific) held on 04.10.2024</b>
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The action taken report on the minutes of the 32nd Senate meeting was presented to the Senate.

**Resolution: S-33/06** - The Senate perused and received the ATR.

<b>ITEM NO.</b> <u>33.07</u>	<b>Review of Academic Programs at IIITA</b>
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The Chairman-Senate emphasized that, as the Institute completes 25 years of its existence, it is imperative to have periodic review, re-architecting, revamping, and re-orienting its academic programs to stay aligned with technological advancements, global demands, and evolving learners' preferences. Such review and introspection are essential for continued growth and excellence of the Institute. He highlighted that the Institute's academic offerings must remain relevant both in the context of time and technological space to cater to the aspirations of the next-gen learners. He then invited Prof. U S Tiwary to enlighten Senate members regarding the agenda.

Prof. U.S. Tiwary then presented the Review of Academic Programs at IIITA as per the Agenda encompassing the Genesis, Stages of Academic Expansion and Consolidation, initiatives, Vision for future, etc. for the Institute. He threw light on how IIITA grew in its academic offerings and became a multi-disciplinary identity, over the period.



The Senate, while thanking Prof. Tiwary for his insightful chronological review, noted the academic growth of IIITA and observed that there should be a timely and periodic review of all its academic programs, in particular, PG programs, with their titles and contents, to keep their acceptability amongst the aspiring learners. The Chairman-Senate also expressed his serious concern on a significant number of seats, remaining vacant, in few PG programs of the Institute, and such a situation affecting the institute's prospect into NIRF ranking. The members expressed the view that a committee of experts be formed (to be led by Prof. Vikram Gadre) to undertake rigorous review of academic programs of IIITA, especially the PG programs, and recommend new relevant titles, contents, intake, operational & logistic modalities etc., towards better acceptability of existing programs or else replacement of existing programs.

**Resolution: S-33/07** – The Senate RESOLVED to authorize the Chairman Senate to appoint a Committee of experts, chaired by Prof. Vikram Gadre, for undertaking a comprehensive and rigorous review of IIITA's existing academic programs, in particular PG programs, towards visionary and impacting recommendations, with a probable timeline for submission of its Report before the deadline of seat matrix submission to respective Central Admission Authorities (viz. CCMT, CSAB). The Senate resolved to authorize the Chairman-Senate to receive the Committee's report and to approach the competent bodies such as BOG, FC for mandatory statutory approvals on new program titles, seat allocation, scholarships etc.

<b>ITEM NO.</b> <b>33.08</b>	<b>To discuss entry eligibility criteria for proposed ONLINE M.Tech in Artificial Intelligence &amp; Data Science and ONLINE MBA programs to be offered as a part of IIITA's Outreach / Continuing Education initiative, in association / collaboration with INIs / EduTech companies</b>
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Dean (A&R) briefed the Agenda and informed the Senate about the earlier approval of the Senate on offering Online programs to the wider cross section of the learners, in the society, who aspire to earn a degree/ diploma/ certificate from IIITA, as a part of Institute's social outreach and continuing education initiatives.

Dr. Manish Kumar, Associate Professor (IT) presented the Agenda on proposed ONLINE M.Tech in Artificial Intelligence & Data Science, titled as 'e-MTech.', to be executed in collaboration with an EduTech company, as being practiced in some of the leading INIs. He apprised the members regarding prevailing trends in the industry and informed them that nowadays companies look for research-focused problem-solving professionals, who wish to upgrade their knowledge and skills continuously. The program is proposed to be totally in online mode, with 66 credits, with no GATE requirement, curriculum content, delivery and assessment to be jointly decided by concerned IIITA faculty and an identified EduTech company for the purpose, the classes to be held on weekends, off days in a week, or beyond office hours. Dr. Manish Kumar also presented a detailed comparison of similar offerings from INIs like IIT Bhilai, IIT, Patna and IIT Kanpur and briefed about the objectives & needs of the program. Many suggestions came from the members including the selection criterion for the EduTech company, formulation of appropriate MoU etc.

Prof. Gandhi suggested that the experience of similar programs being run at other INIs be studied and assessed before launching online education. He further shared a word of caution on the diversity of students in such programs and additional administrative and academic burden on faculty on account of such courses. Prof. Sathidevi suggested seeking views/feedback from companies / entrepreneurs/alumni before starting such programs.

One of the members proposed that the selection criteria for the Executive M.Tech. program should prioritize applicants from corporate or industry backgrounds to align with its specialized focus. Another member emphasized the need for IIITA to formalize MoUs or agreements with partnering Edutech companies, ensuring clear legal provisions and accountability for deliverables.

Prof. Gadre categorically suggested to title the program as "e-M.Tech.", instead of "Executive M.Tech.", letter 'e' standing for 'external' and/or electronic -digital mode of its offering. He further stressed the major involvement of IIITA faculty in total quality control of such programs encompassing admissions, curriculum content & delivery, examinations and finally award of degree by the Institute in its convocation. Dean of Alumni Affairs suggested that IIITA alumni should be actively involved in such initiatives, contributing as students, guest faculty, or in other capacities. Dean of Technology Development underscored the need to protect IIITA's brand while executing the initiative, ensuring the use of appropriate and robust technology platforms.

The members further agreed that there should be a distinct provision in the academic ordinance of IIITA for such Online programs defining the modalities including admission's eligibility, curriculum, academic calendar, exam system and degree award, infrastructure needs, overall ownership of the program, etc. Some internal members were of the opinion that a new Center be established, or an existing one be revived to spearhead the Online Continuing education and Academic Outreach initiatives of IIITA.

Upon such submission, the Chairman Senate suggested establishing a "Centre for Continuing Education & Outreach Programs (C-CEOP)" as an entity to look after all such e-Programs (planning, implementation, management, outcome, impact etc.) which was agreed to by the Senate members. With an emphasis on provisioning of increased internet bandwidth and finding an appropriate partner, it was decided to award degrees to such students on the Convocation Day, however, in the respective departments, and accord them the regular alumni status.

Then, HoD (MBA) presented the Agenda on ONLINE MBA program, with 86 credits, classes to be held on weekends, weekly off days, and beyond office hours, giving opportunities to working professionals. She informed that partnership proposals received from Edutech companies such as Enggenious solutions, Divy IT solutions were comparatively studied, with consensus of faculty of MS Dept. on the initiative, to be partnered with Enggenious Solutions Ltd. Aligned with earlier discussions, the Senate suggested the title "e-MBA", instead of 'Executive-MBA', with possible consideration for change in specialization title as "Business Analytics" instead of "Data Analytics". Various alternatives were discussed and suggested. Chairman Senate directed that its details need to be worked out, keeping uniform and consistent policies for both the programs proposed in ONLINE mode. He also suggested holding discussions on financial sustainability models of such programs in competent bodies such as FC and BoG.

**Resolution: S-33/08** – The Senate approved the proposed ONLINE e-Master's Degree program, namely, "e-M.Tech in Artificial Intelligence & Data Science" and in principle approved the e-Master's Degree ONLINE MBA program, namely, "e-MBA" suggesting the change in the name of its specialization, and sharing of further details. Also, the Senate, while recommending the formation of the "Centre of Continuing Education & Outreach Programs (C-CEOP), to the BoG, authorized the Chairman-Senate to finalize the related details.

<b>ITEM NO.</b> <b>33.09</b>	<b>To discuss the establishment of 'MTech- Quantum Information &amp; Technologies' Program, in hybrid (Non-residential) mode, to be hosted by the AS department</b>
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HOD (AS) presented the Agenda on the new M. Tech. program in Quantum Information & Technologies (QIT). He briefed the Senate on the objectives, outcomes, eligibility criteria (BSc and MSc as targeted audience), the proposed intake of 40 seats, entry through national level entrance exam conducted by IIITA with basic reasoning & aptitude test, financial model, 64 credits for M. Tech. (direct entries), 100 credits for the BSc candidates with a need to complete the bridge courses, placements facilitation as per Institute's placement policies, Exit policy after 2 semesters (with PG Diploma) as per NEP provisions, Curricular details, preparedness of the department to deliver the contents, associations/ collaborations with renowned Institutes such as IISc, IISER, HRI and organizations like CDAC for extending lab resources etc.

While the Senate unanimously appreciated the proposal, its timely initiative by the Department of AS for launching M Tech (QIT) program, its alignment with the National Quantum Mission of the country and thus decided to approve it, Prof. Gadre expressed his distinct outlook on the admissions/ entry to this program. He recommended a thorough analysis of the admission trends in various M.Tech programs over the past three years. If statistical evidence indicates a significant number of seats remain unfilled in any existing M Tech program, he suggested reallocating those vacant seats from other MTech programs to this program and approaching the Ministry of Education (MoE) for its formal approval. The Chairman-Senate updated that MoE supports the Masters' programs in INIs like IIITA, with scholarships for the eligible learners under a particular operations expenditure head (OH) in a bulk, as a whole and not for individual program, and thus, in principle, it should be possible to provide unfilled seats of other programs to the relevant programs being newly conceived.

There were suggestions from members to have expert faculty invited from other collaborating Institutes for teaching special modules as deemed fit. The Senate, in general, seemed to be of the opinion that MTech (Q&IT) should be a regular program of the Institute. It was agreed by the Senate that the Senate committee as resolved in Agenda 33.07 (above) would also evolve the modalities of the M. Tech. in Quantum Information & Technologies (QIT) program. In view of growing elective courses and new academic programs, few members added that adequate classroom infrastructure should be ensured before commencement of classes for the program.



**Resolution: S-33/09**—The Senate unanimously RESOLVED to approve the M. Tech. in Quantum Information & Technologies (QIT) program, in-principle and decided to refer the program to the Senate committee, being constituted, as per resolution S-33/07, for the review of academic programs of IIITA, for its further operational details.

<b>ITEM NO.</b> <u>33.10</u>	<b>To discuss conversion of partial intake of BTech (IT and ECE) programs to 'Integrated BTech-MTech' and partial intake of MBA program to Five-Year "Integrated B. Tech-MBA" with the intent of appropriation</b>
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While Dean- A & R offered his opening remark on this item, HOD (IT) & HOD (ECE) presented the Agenda on Integrated 'BTech-MTech' program. It was informed to the Senate that quality of intake at some MTech programs at IIITA is showing a declining trend, and hence a proposal is put forth for conversion of meager partial intake of B.Tech (IT and ECE) programs to the 'Integrated BTech-MTech' program. 21 seats from B.Tech would be transferred for BTech-MTech program from the IT department, with allotment of the MTech specializations (prevailing at that point of time) after 5th semester, based on the choice and merit (CGPA till 5th semester) of the student, whereas the Department of ECE would transfer 10% of its MTech seats to such programs and proposed to decide the MTech specialization at BTech entry level (through CSAB).

Whereas, as updated by a few members, that such programs existed in IIITA earlier and were well received, the Senate recommended that the program be referred to as a Five Years "Dual Degree-(DD) Program" instead of an "Integrated Program. Prof. Gadre further added that there should be two separate Degrees awarded (as in IITs) for DD, "B.Tech in (\_specialization) under Dual Degree B.Tech-M.Tech Program" and "M.Tech in (\_specialization) under Dual Degree B.Tech-M.Tech Program", upon successful completion of both the phases of program. The scholarship / stipend rules would be the same as per existing norms, in the other INIs and there should not be an encouragement for the BTech exit from the program, though NEP provides for it. The Chairman-Senate emphasized on adopting a uniform rationale across the departments in IIITA on deciding the number of seats to be transferred from BTech intake to DD programs and MTech vertical / specialization allocation stage. He further proposed to take periodic review of the DD programs, regarding their success and impact, every year, prior to the submission of the seat matrix to the CCMT / CSAB.

The Head of the MS Department then presented the Integrated B.Tech-MBA program, stating that 30 seats (out of the existing 95 for the MBA program) would be allocated for this initiative, with a proposed distribution of 10 seats each for B.Tech (IT), B.Tech (ECE), and B.Tech (IT-BIn). The Senate noted that admitting students from three different streams would introduce heterogeneity, whereas augmenting the existing B.Tech (IT-BIn) program with 30 additional seats would be a more logical approach, given the close alignment between the MBA and B.Tech (BIn) programs. The Senate also emphasized the importance of maintaining student quality in both programs and requested the Head



of the MBA Department to take these considerations into account. One of the members expressed his reservation on the wording “....quality of student intake in MBA is worrisome” in the concerned agenda note and requested for change in the same, which was agreed to by the Chairman-Senate.

Dean- A & R made the members aware of the fact that such reinstatement of Dual degree programs at IIITA would need permissions and approvals of competent bodies such as BoG and FC, with timely information to the MoE on re-appropriation of seats, as deemed fit. He further suggested that the unification of modalities of DD programs be coordinated by the HoDs, post this meeting and be reported to the Senate committee, being constituted for the purpose of Academic program review for possible recommendations.

Further, HoD (IT) also proposed and presented the Agenda (on table) regarding “Admissions in M.Tech-IT Program with different specializations”. Presently there are 7 M.Tech specializations and the students are allowed to select the specialization after the first semester of the M.Tech program. HoD (IT) presented a department resolution stating that the aspiring student shall be admitted to the M-Tech program along with the specialization at the time of admission itself, through centralized admission process, along with the number of seats for each specialization, eligibility, GATE codes etc with no change in overall total seats”.

**Resolution: S-33/10**—The Senate approved in-principle the ‘Five Years-Dual Degree BTech-MTech’ and Five years Dual Degree B. Tech-MBA programs. The Senate further decided (a) to refer the program to the Senate committee, being constituted, as per resolution S-33/07, for the review of academic programs of IIITA, for its further operational details and (b) to forward the proposal to competent bodies for approval before the implementation.

The Senate further resolved to approve “Admissions in M.Tech-IT Program with specializations, decided and allotted to the student, at the time of admission through centralized admission process, with details as submitted in the Agenda item”. This will replace the prevailing practice of allotting the specialization at the onset of second semester, based on combination of choice and score/merit of the student.

<u>ITEMNO.</u> <b>33.11</b>	<b>To review the nomenclature of MTech- Communication Systems’ program in ECE department, towards a change as ‘M.Tech- Intelligent Communication Systems’</b>
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HOD (ECE) presented the Agenda. With reference to the subject mentioned above, the “Report of the designated Committee” entrusted with the task to bring a concrete model, pros and cons and detailed plan with Curriculum/ syllabus, constituted vide approval dated 6.2.2025, was presented before the Senate. The members of the Committee were:

1. Prof. Aditya Trivedi  
Professor, Dept. of IT, ABV-IIITM Gwalior
2. Mr. S.K. Agrawal  
Product Manager, Entuple Technologies

3. Mr. Tony Mohan Varghese  
Alumni-2015-17 (M.Tech WCC) IBM
4. Prof. Shekhar Verma  
Professor, IT Dept. IIIT-A
5. Prof. Manish Goswami  
Professor, ECE Dept. IIIT-A
6. Dr. Suneel Yadav  
Asst. Professor, ECE Dept. IIIT-A

**Resolution: S-33/11** –The Senate RESOLVED to approve the **change of nomenclature** of MTech- Communication Systems' program in the ECE department, as 'M.Tech- Intelligent Communication Systems'. Further, it was decided to share the details of this new program to the Senate Committee, being constituted as per resolution S-33/07, for the purpose of academic programs review. The Senate further decided to implement the above through CCMT channel only after the receipt of approval from the above committee and competent bodies.

<b>ITEM NO.</b> <b>33.12</b>	<b>To discuss Revision of credit requirement for Mandatory Multidisciplinary Minor (MMDM) basket, as a whole</b>
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Dean (A&R) presented the Agenda and proposed reducing the total MMDM credits from 15 to 12, for justifying the depth of content of each course in the offered MMDM basket, also to mitigate the operational situation of accommodating backlog courses of students in the total requirement of 28 credits limit per semester. The Chairman-Senate recalled the concept of MMDM being implemented at IIITA, for assimilation of external members. After wider discussions on the issue, ranging from expanding the content, raising the inherent depth, modality of learning & delivery etc., the Senate decided to consider the proposal. The 3 available credits may be utilized for a program core course, a self-learnt online course, or experiential on-field learning relevant to the chosen MMDM theme. The final decision on this will be made in the next Senate meeting, as the implementation is set for the year 2026.

**Resolution: S-33/12** – The Senate RESOLVED to approve:

- 1) Modification of Multidisciplinary Minor (MMDM) total credit requirement to 12 Credits from present 15 credits, with the decision of utilizing freed 3 credits to be made in the next Senate.
- 2) Consideration of exceeding the limit of 28 credits per Semester, for genuine cases, only 'case-on-case'.

The Senate also approved the subsequent modification & incorporation of the same, as above, into the SOP and the relevant Ordinance.

<b>ITEM NO.</b> <b>33.13</b>	<b>To seek approval on new Mandatory Multidisciplinary Minor (MMDM) baskets titled: 1. Quantum Technologies 2. Indian (Bhartiya) Knowledge System and 3. Kumbh Mela</b>
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Dean (A&R) presented the Agenda. He informed that as per the NEP Ordinance, under the MMDM, multiple “Minor baskets” are being offered, with each such Minor basket tagged with a title, and consisting of a series of FIVE inter-threaded courses of THREE credits each. The Senate had decided to approve new Minor baskets, as and when proposed by responsible stakeholders, checking the feasibility and relevance. Accordingly, three new Multidisciplinary Minor Baskets were put up before the Senate for its consideration and approval as follows:

**§Minor in Quantum Technologies:**

1. Foundations of Quantum Technologies
2. Introduction to Quantum Computation
3. Introduction to Quantum Communication
4. Introduction to Quantum Sensing
5. Introduction to Quantum Materials

**§Minor in Bhartiya Knowledge System:**

1. History of Indian Civilizations
2. Vedic Mathematics
3. Kautilya's Arthashastra
4. Panini's Grammar and Linguistics
5. Ancient Indian Architectures

**§Minor in Kumbh Mela:**

1. Kumbh Mela: Faith, Science and Spectacle
2. Kumbh Mela: A 'Religious Tourism Management'
3. Technology Deployment in Kumbh Mela
4. Economics of Kumbh Mela & its Impact
5. Kumbh Mela: Learnings & Assorted Case Studies

**Resolution: S-33/13** – The Senate considered and approved the three new MMDM Baskets as above to be implemented for year-2025 admitted batch onwards.

<b>ITEM NO.</b> <b>33.14</b>	<b>To undertake Academic Review/Audit of the Departments (for Programs offered by them), by the External Experts</b>
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The Chairman Senate presented the Agenda. Reference was made to an email from the Ministry of Education dated 25th Nov. 2024 to the Directors-CF IIITs wherein as per Section 27 of IIITs Act, 2014, academic audit of IIITs is mandated after every 5 years. Towards the preparedness of such statutory audit to be undertaken by external experts, in near future, as per mandate and formats of the MoE, the Chairman proposed to conduct the Academic Review of every department of IIITA, for its academic programs, by a team of external peer experts, to be identified by the Chairman Senate.

**Resolution: S-33/14** – The Senate RESOLVED to approve the proposal and authorized the Chairman Senate to constitute the department-wise Committees of external peer experts for conducting an academic review. Similarly, the Senate authorized the Chairman for identifying domain-wise list of experts towards submission to the MoE for undertaking academic audits, after approval of the BOG.



<u>ITEM NO.</u> <b>33.15</b>	To report and apprise the Senate on the Board's decision regarding constitution of the department-wise 'Board of Studies-BoS' along with its roles and responsibilities
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Chairman Senate presented the Agenda. Reference was made to the concerned resolution of the BoG, taken in its 24th Meeting held in August 2023, deciding on suspending the Senate subcommittees for UG and PG Programs, (as mentioned in the Ordinance), as an experiment, whereas the DUGC and DPGC be continued as Boards of Studies for academic programs offered by the Department. This being the amendment in the prevailing IIITA Ordinance, the BoG exercised its empowerment under Article 36(3) of IIIT Act 2014.

In the same context, the draft proposal on the Board of Studies-BoS modalities was put up before the Senate, by the Dean- A & R, detailing the composition, powers, role and functions, term of members, frequency of meetings etc., and members were requested to peruse the draft with the intent to consider establishing such a new entity. The members appreciated the concept, considering the scale of an institute like IIITA, where maintaining four overlapping academic entities in the departments holds limited significance. Instead, a unified body such as the Board of Studies (BoS) per academic department, reporting directly to the Senate, would be more effective for policy matters, with a BoS Subcommittee handling routine academic affairs. Some members suggested including all Professors in the BoS as members instead of restricting it to 30%. The Senate deliberated on this and acknowledged the Chairman's clarification that the BoS already ensures adequate representation of faculty across all levels (Professors, Associate Professors, and Assistant Professors), along with external experts from Industry, Academia, and Alumni. Though the Senate accepted that all Professors be represented in the BoS, the Chairman expected a visible harmony in the Senate, while presenting BoS decisions in the Senate. Additionally, an inter-departmental BoS will also be in place to oversee interdisciplinary academic programs.

**Resolution: S-33/15** – The Senate considered and approved the draft proposal on constitution of the department-wise and inter-departmental 'Board of Studies-BoS', for its immediate implementation, with a suggested modification regarding representation of all Professors in the BoS.

<u>ITEM NO.</u> <b>33.16</b>	Authorization for HoDs to Approve and Implement New Electives
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Dean (A&R) presented the Agenda. It was proposed to the Senate that HoDs be authorized to identify, prepare, and propose new Electives in their respective departments ensuring timely updates in alignment with industry standards and global academic requirements. These Electives will be approved by the Chairman, Senate for incorporation into the curriculum. This provision existed in the CCLCAA Ordinance and remains consistent with IIITA's academic governance framework. Considering the implementation of department-wise BoS, the Senate was of the opinion that the respective HoDs may proceed on this matter in consultation with their respective BoS in the BoS meeting or via circulation, if the matter is time sensitive.

**Resolution: S-33/16** – The Senate considered and approved the same with suggestions for HoDs to proceed in this matter as agreed above.

<b>ITEM NO.</b> <u>33.17</u>	<b>To consider the request of Mr. Abhinaba Basu to convert NPTEL course to self-study course in Ph.D. Working Professional Program</b>
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The Agenda item was dropped due to the needed rectifications.

<b>ITEM NO.</b> <u>33.18</u>	<b>To ratify the minor amendment in the Ordinance 2023 and SoP for UG and PG program</b>
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Dean (A&R) presented the Agenda. It was informed to Senate that certain minor amendments were required to be made at few places in the Ordinance, Curriculum and SOP related to:

- a) minimum passing marks for UG and PG
- b) course name of research methodology and IPR
- c) Course credits for M.Tech Semester II and Semester III
- d) Amendment in sentence / clause at Page 7,8,9 of PhD NEP Ordinance

**Resolution: S-33/18** – The Senate considered and approved the same for all NEP governed students including the existing ones.

<b>ITEM NO.</b> <u>33.19</u>	<b>To ratify the recommendations of the Standing Committee regarding conversion of regular Ph.D. program to Ph.D.-working professional mode who join services in other Organizations</b>
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Dean (A&R) presented the agenda, informing the Senate about the recommendations of the Standing Committee regarding two Ph.D. students, Mr. Debesh Kumar Shandilya (RSI2022504) and Mr. Aditya Ray (RSI2022501).

Senate members expressed concerns that permitting the conversion of regular Ph.D. programs to Work-Professional (WP) mode upon securing employment could lead to an exodus of full-time research scholars once they receive job opportunities.

However, it was clarified to the Senate that such conversions would be considered strictly on a case-by-case basis.

**Resolution: S-33/19** – The Senate considered and approved the same.

<b>ITEM NO.</b> <u>33.20</u>	<b>To ratify Results' Analysis, Grading patterns etc. with respect to Odd-Semester Results of AY 2024-25 students</b>
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Dean (A&R) presented the Agenda. The grades earned by students in End Sem Results of July-2024 session, comparison of respective Semester SPGA etc. in Bar Chart format were perused by the Senate. Upon observing the unevenness in grading a few courses, the Senate expressed the need for a Grade Moderation Committee, as per the SOP of NEP ordinance.

**Resolution: S-33/20** – The Senate ratified the Results' Analysis, Grading patterns etc. with respect to Odd-Semester Results of AY 2024-25 students and decided to constitute the grade moderation committee, as and when required, under the purview of the BoS.

<b>ITEM NO.</b> <u>33.21</u>	<b>To ratify the request of Amit Bansal (IIT2022034) for Tuition Fee Waiver</b>
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Dean (A&R) presented the Agenda.

**Resolution: S-33/21** – The Senate ratified the same.

<b>ITEM NO.</b> <u>33.22/S1</u>	<b>Request for approval to take courses worth upto 20 credits in a Semester</b>
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Dean (A&R) presented the Agenda. Request of one of the Ph.D. students was received to approve registration for 20 credits per semester at par with M.Tech criteria.

Dean (A&R) informed that the issue stands resolved with the Senate approving the Agenda Item No. 33.18, ratifying the minor amendment in the NEP Ph.D. Ordinance 2023.

**Resolution: S-33/22/S1** – The Senate noted the same.

<b>ITEM NO.</b> <u>33.22/S2</u>	<b>Exemption of National Level examinations like GATE / NET etc. qualified candidates from IIITA-PET and can directly appear for Ph.D. interviews</b>
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Dean (A&R) presented the Agenda which was proposed by HOD (ECE). It was recommended to the Senate to approve IIITA-PET (PhD Entrance Test) exemption to the potential admission aspirants who have qualified National Level exams like GATE / NET etc. with valid score for Ph.D. admissions at the Institute.

Accordingly, amendment in the NEP Ph.D. Ordinance (for Regular Ph.D.), in Clause 7, pertaining to the Admission Process, Frequency of Admission in a Year etc.: [Page No. 5 of 31] was proposed for such National Level exam qualified candidates, and to be simultaneously reflected in the concerned Ph.D. advertisements.

**Resolution: S-33/22/S2** – The Senate considered and approved the same and will be made effective from year-2025 admitted batches.

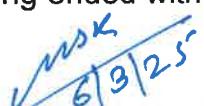
The Dean (SA) proposed "Soft-Skills Workshop" by the SARASVA (literary society of IIITA) as a 1 Credit course under the Orientation Camps component in a semester with following:

- 1) This Credit may be mentioned as an additional credit in the grade card of the student.
- 2) We may start this course as a participation course. We may later add a grading/assessment methodology as deemed fit by the Senate.
- 3) The senate may decide if this course should be added to the computed CGPI of the student.
- 4) We may also provide A certificate of participation that will be awarded to the attendees.

**Resolution: S-33/22/S3** – The proposal was not found feasible and was thus rejected by the Senate.

Before the meeting was formally closed, the Chairman Senate appealed to the members to consider recommending nominations of some dignitaries, from diversified domains, e.g. Prof. Manjul Bhargava, Dr. Somnath, Sh. Mukul Kanitkar for their possible association with IIITA, as Adjunct faculty, Professor of Practice, or any other role, as per the provisions of IIITA Act and statutes.

The meeting ended with a Vote of Thanks.

  
**(Dr. Mandar S. Karyakarte)**  
**Secretary Senate, IIIT Allahabad**

  
**(Prof Mukul S. Sutaone)**  
**Chairman Senate, IIIT Allahabad**