



INDIAN INSTITUTE OF TECHNOLOGY INDORE

Minutes of the 25th meeting of the Senate held at 10.00 hours on October 17, 2020 (Saturday) online through Googel Meet from Chromium Building, Room no. 1D-105, IIT Indore.

Following members attended the meeting:

Chairman

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| 1. Prof. Neelesh Kumar Jain | Director (Officiating) |
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External Expert

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| 2. Prof. Himanshu Rai | Director, IIM Indore
(Through VC) |
| 3. Mr. B. Anil Baliga | EVP, VE Commercial PVT. Ltd.
(Through VC) |
| 4. Prof. Ajay Kumar Jain | Dean, EGP & Consultancy, MDI Gurgaon
(Through VC) |
| 5. Shri Debashis Das | Director, RRCAT, Indore
(Through VC) |

Internal Members

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| 6. Dr. Devendra L. Deshmukh | Dean of Academic Affairs |
| 7. Dr. Pritee Sharma | Dean of Administration (through VC) |
| 8. Dr. Kapil Ahuja | Dean of International Affairs (through VC) |
| 9. Dr. I. A. Palani | Dean of Research and Development (through VC) |
| 10. Dr. Manish Kumar Goyal | Dean, Infrastructure Development (through VC) |
| 11. Dr. Ajay Kumar Kushwah | Acting Dean of Student Affairs (through VC) |
| 12. Dr. Neelima Satyam D | HOD, Civil Engineering (through VC) |
| 13. Dr. Somnath Dey | HOD, Computer Science and Engg. (through VC) |
| 14. Dr. Vipul Singh | HoD, Electrical Engineering (through VC) |
| 15. Dr. Santosh Kumar Sahu | HOD, Mechanical Engineering (through VC) |
| 16. Dr. Vinod Kumar | HOD, MEMS (through VC) |
| 17. Dr. Sharad Gupta | HOD, BSBE (through VC) |
| 13. Dr. Abhirup Datta | HOD, AASE (through VC) |
| 19. Dr. Biswarup Pathak | HOD, Chemistry (through VC) |
| 20. Dr. Md. Aquil Khan | HOD, Mathematics (through VC) |
| 21. Prof. Krushna R. Mavani | HOD, Physics (through VC) |
| 22. Dr. Nirmala Menon | HOS, Humanities and Social Sciences (through VC) |
| 23. Prof. Subhendu Rakshit | Physics (through VC) |
| 24. Prof. Sandeep Chaudhary | Civil Engineering and Head, CRDT (through VC) |

Minutes, 24th Meeting of the Senate



25. Prof. Vimal Bhatia	Electrical Engineering (through VC)
26. Prof. Suman Mukhopadhyay	Chemistry and Head, SIC (through VC)
27. Prof. Rajneesh Misra	Chemistry (through VC)
28. Prof. Ram Bilas Pachori	Electrical Engineering (through VC)
29. Prof. Avinash Sonawane	BSBE (through VC)
30. Prof. G. S. Murthy	BSBE (through VC)
31. Dr. Lalit Borana	Chief Warden (through VC)
32. Dr. Abhishek Rajput	Head, Training and Placement (through VC)
33. Dr. Pavan K. Kankar	Head, Counselling Services (through VC)
34. Dr. Neminath Hubballi	Head, Computer Centre (through VC)
35. Dr. Mukesh Kumar	Head, Center of Adv. Electronics (through VC)
36. Dr. Hemant Borkar	Convener, Health Centre Committee (through VC)
37. Dr. Anjali Bandiwadkar	Deputy Librarian (through VC)
38. Dr. Anand Petare	DGM, Central Workshop (through VC)
39. Mr. Shreyansh Jain	Gymkhana Secretary (Through VC)
40. Ms. Kanika	Academic Secretary [PG] (Through VC)

Special Invitees (Internal Members)

41. Dr. Amod C. Umarikar	Associate Dean, Faculty Affairs (through VC)
42. Dr. Eswar Prasad Korimilli	ADOAA (PG Programs)
43. Mr. Suresh Chandra Thakur	Administrative Officer (Academic Affairs)
44. Mr. Tapes Parihara	Manager (Academic Affairs)

Leave of absence: Following members could not attend the meeting and were granted leave of absence:

1. Prof. Abhiram G. Ranade	Professor, IIT Bombay
2. Prof. Anand Parey	Dean of Resource Generation
3. Prof. Abhinav Kranti	Electrical Engineering
4. Prof. Sarika Jalan	Physics (on Ex-India leave)
5. Prof. N.S. Chaudhari	CSE (on deputation to UTU, Dehradun)
6. Mr. Jwalant Shah	Representative, IIT Indore Alumni

Item 25.1: Opening Remarks by the Chairman, Senate.

Chairman, Senate welcomed all the members to the meeting and introduced the new External Experts, nominated to the Senate. He also thanked to the outgoing External Experts of the Senate and appreciated their services rendered to the institute.

He apprised that its customary to have a Senate meeting before the Convocation to recommend to the BOG for according approval to the conferment of degrees, medals and awards during the Convocation.

He placed on record, in his opening remarks, that a lot of positive activities took place in past few months.

- IIT Indore has received sanction for the development of a Technology Innovation Hub (TIH) for vertical System Simulation, Modeling and Visualization under National Mission on the Inter-Disciplinary Cyber Physical System (NM-ICPS) for a budget outlay of Rs. 100 Cr. for. Chairman, Senate congratulated to all the faculty members led by Dr. Pavan Kumar Kankar who took the initiative and made it possible for the Institute.
- End Semester Examinations of 2020 Spring Semester for the existing student were completed by 31st July 2020 and admissions of the new students different PG and PhD programs were completed and online teaching of 2020 Autumn semester started from 24th Aug 2020 despite of all the challenges.
- Some cases of Corona positive were reported in the campus, which were taken care of efficiently by the Health Center. At present campus is free from any active case of COVID-19. For this he lauded the efforts of the Health Center Team.

The Chairman, Senate updated the External Experts that the institute is going to organize its' 8th Convocation on 19th October 2020. Hon'ble Minister of Education Dr. Ramesh Pokhriyal 'Nishank' will be the Chief Guest of the Convocation. Due to pandemic situation, most of the activities of the 8th Convocation are scheduled in the online mode.

In this convocation, total 412 (233 B.Tech., 58 M.Tech., 57 M.Sc., 6 MS (Research) and 58 Ph.D.) student will be conferred their degrees. This is the highest numbers of students graduating from the Institute. This is to mention that, in this convocation first batch of B.Tech. in Civil Engineering, B.Tech. in Metallurgy Engineering and Materials Science, MS (Research) in Computer Science and Engineering, M.Sc. in Astronomy, M.Tech. in Mechanical Engineering with specialization in Mechanical Systems Design, and M.Tech. in Metallurgy Engineering and Materials Science with specialization in Metallurgy Engineering



A handwritten signature in blue ink, appearing to be 'A. K. Singh', written over a horizontal line.

are graduating. He also proudly mentioned that very first time two International students are graduating.

Item 25.2: Confirmation of the minutes of the 24th meeting of Senate held on July 17, 2020.

The Senate confirmed the Minutes of its 24th meeting of Senate held on July 17, 2020 with observation that 24th meeting of Senate was attended by Dr. Md. Aquil Khan online through VC as HOD of the Mathematics and not by Dr. Safique Ahmad.

Item 25.3: Action Taken Report (ATR) on minutes of 24th meeting of Senate held on July 17, 2020.

The Senate noted the actions taken on the decisions of the 24th meeting of Senate held on July 17, 2020.

Item 25.4: Additional list of students who have completed all the prescribed requirements for the award of degree in the 2020-Convocation after the 24th meeting of Senate held on July 17, 2020.

The Senate noted the first additional list of 28 students (2 M.Sc., 21 M.Tech., and 5 Ph.D.) who have completed all the prescribed requirement for the award of degree in between the date of 24th meeting of Senate and 38th meeting of BOG (i.e. July 17, 2020 to August 7, 2020).

Also, Senate recommended the additional list of the 12 graduating students (6 MS (Research) and 6 Ph.D.) to the BOG for its approval, who have completed all the prescribed requirement for the award of degree in between of 38th meeting of BOG and 25th meeting of Senate (i.e. August 7, 2020 to October 17, 2020).

Item 25.5: Consideration of the additional list of recipients of medals and awards for 2020-Convocation.

The Senate noted the recipients of President of India Gold Medal, Institute Silver Medals (UG Programs) and Buti Foundation Gold Medal approved by the BOG in the 38th meeting held on August 7, 2020 with recommendations of the Senate Chairman.

Further, Senate recommends the recipients of Institute Silver Medals (PG Programs) and award of the Best B.Tech. Project to the BOG for its approval.

Observation was raised by the General Secretary, Student Gymkhana regarding the Institute Silver Medal for the Institute Best All-Rounder. The Chairman clarified that the committee constituted to evaluate nominations for the Best All-Rounder was not approved by the Competent Authority, moreover the parameter set for evaluation were not defined properly to provide level playing

field for UG, PG and Ph.D. students. Hence, the Institute Best All-Rounder award is not announced. The same will be discussed and after fixation of the procedure and approval of the Senate, the medal may be awarded on some other occasion.

Item 25.6.: Relaxation in the submission of hard bound copy of thesis for PG and Ph.D. students.

The Senate discussed and approved the proposal to submit the soft copy of thesis of the PG and PhD students. The students will be required to submit a soft copy in PDF format, with signature of the concerned members of the Oral Examination Board on the certificate, to the LRC and Department Library. If required Hard Copy of the thesis can be submitted to the concerned Thesis Supervisor. The LRC and the concerned Department Library should maintain the database accessible to the institute community.

Item 25.7: Proposal to establish a "Center for Indic Knowledge Systems" at IIT Indore.

Very detailed discussion took place on this agenda item. The Senate members supported the proposal in principle and recommend to the BoG for its approval for establishing the "Center for Indian Scientific Knowledge System (CISKS)" instead of the proposed name. It will be a multi-lingual and multi-disciplinary center to study Indian scientific knowledge systems at IIT Indore.

A core committee of the internal and External experts will be constituted with Prof. G. S. Murthy being the Coordinator of the CISKS. The committee will formulate vision, mission, objectives, working mechanism and other details of the CISKS in the next meeting of the Senate.

Item 25.8: MOU between IIT Indore and DBT and subsequently creation of supernumerary seats in M.Sc., M.Sc.+Ph.D. Biotechnology.

The Senate discussed the proposal in detail and it was emphasized that the course curriculum of M.Sc. in Biotechnology should be modified to take care concerns of the DBT but without compromising the Institute philosophy of assigning equal weightage to the course work and research work in its PG programs by ensuring no coursework in the 3rd semester of a PG program.

The Senate approved the proposal 'in Principle' and recommend to the FC and BoG for approval for signing of MoU with DBT. Dean, Academic Affairs, has been nominated to execute the MoU on behalf of the Institute.

Item 25.9: Increase in the intake capacity of M.Sc., M.Sc.+Ph.D. in Astronomy.

The Senate discussed the proposal and suggested that the discipline should observe the trend of one to two more outgoing batches before increasing the

intake of the M.Sc. program in Astronomy. As this year, pursuant to the implementation of EWS reservation policy of Govt. of India, 3 seats are already been increased in the AY 2020-21.

Therefore, the Senate deferred this proposal.

Item 25.10: **Request for M.Tech. vacancies for the Armed Forces Officers under Post-Graduate Training Scheme w.e.f. 2021-23.**

The proposal was discussed and the Senate approved it.

In view of the ongoing funding crunch due to COVID 19, it was informed that in the very first year of any new MTech program, only Non-TA category students [i.e. FA, Industry sponsored (SW), Defense Forces (DF), College Teachers (CT), QIP] will be admitted and TA category students will be added when the funding situation improved.

Item 25.11: **Violation of Institute norms by taking up employment without permission before submission of thesis by two Ph.D. students.**

Senate discussed the matter and provides the following resolution:

1. **Ms. Komal Mulchandani** (FA category Full-time PhD student in Physics having **Roll no. 1701151006**): The Senate took extremely serious view of the fact this FA category (DST INSPIRE) full-time PhD student, her thesis supervisor, DPGC Convener and HOD Physics neither informed the Institute authorities till July 2020 about her joining as Assistant Professor on 13th Dec 2019 after selection by MP Public Service Commission (MPPSC) nor took any permission/approval from the Competent authority. The matter came to be known to the Institute authorities when the student asked permission for conducting her CERP. Then she was asked to submit sanction of study leave to her to complete her PhD program.

Her thesis supervisor emailed the letter from the Principle of Rajiv Gandhi PG College Mandsaur sanctioning Ms. Komal study leave till 14th Dec 2020. Therefore, the Senate asked her thesis supervisor Prof. Krushna Mavani to ensure her PhD thesis submission latest by 14th Dec 2020 otherwise she will be discontinued from the PhD program.

Also, she must submit the Admit Card, Interview Call Letter and Offer Letter of MPPSC to the Academic Office.

2. **Mr. Ravi Kumar** (TA category Full-time PhD student in Electrical Engineering having **Roll no. 1501102005**): The Senate took extremely serious view of the following facts related this student

- (a) Supervisor of Ravi Kumar Dr. S.K. Vishwakarma did not follow instructions of the Director issued on 17th June 2019 by not paying PhD

scholarship to Ravi Kumar from his sponsored project/CDPA, etc. for the duration of April 2019 to July 2019.

- (b) Dr. Vishwakarma kept the file of the student under his custody during 2nd July 2019 to 30th Sep 2020 after the HOD (EE) sent this file to him on 2nd July 2019.
- (c) The thesis supervisor neither reported the issue to stealing the hard disc (containing research related information/data of Ravi Kumar as claimed by him) from the PC in his lab to the Safety and Security Committee of the Institute nor filed any FIR for the same.
- (d) The student was recommended to undertake a paid internship during Aug 2019 to July 2020 whose certificate states that the work done during the internship period cannot be disclosed elsewhere. It implies that it cannot be included as a part of his PhD thesis because it will be violation of IPR and this could lend the Institute in legal complications.
- (e) Permission from the Senate Chairman was not obtained for paid internship by Ravi Kumar during Aug 2019 to July 2020 and then taking up regular employment in the same company thus violating the Senate approved rule that a **full-time PhD student** cannot take up employment before submission of his/her PhD thesis.

The Senate decided that either Ravi Kumar must convert from MHRD-TA category student to Industry sponsored (SW) candidate by submitting the required sponsoring documents in the prescribed form to DOAA **latest by 30th November 2020** OR must **submit his PhD thesis latest by 30th Nov. 2020**. Otherwise, Institute will be forced to discontinue him from the PhD program. However, after discontinuation he may submit whatever research work done by him to some other institute for the award of a degree.

The ADOFA was asked to seek explanation from the Thesis Supervisor, on the following points latest by 2nd Nov. 2020:

1. What action was taken on the complaint of the student for stolen hard disk from the PC from his lab ?
2. Why personal file of the student was kept in the custody of Thesis Supervisor from 2nd July 2019 to 1st October 2020?
3. Why the student was recommended to for a paid internship at NXP whose work cannot be included in his PhD thesis ?
4. Was the student provided financial support by the Thesis Supervisor, as per the instruction by the Director dated 17th June 2019 ?
5. If student was recommended for a paid internship during Aug. 2019 to July 2020 and then recommended to take up regular employment subsequently in the same company then how student can ask for fellowship from the Institute and how the Thesis Supervisor can recommend such request which violates Govt. financial rules ?

Item 25.12: Ratification items.

Item 25.12.1: To ratify the signed MoU with IIM Indore.

The Senate ratified the MOU signed between IIT Indore and IIM Indore on 14th Sep 2020 and recommended for approval by the BoG.

Item 25.12.2: To ratify the signed MoU with Department of Industrial Policy and Investment Promotion, MP Govt. signed on 21st Sep 2020.

The Senate ratified the MOU signed between IIT Indore and Department of Industrial Policy and Investment Promotion of the MP Govt on 21st Sep 2020 and recommended for approval by the BoG.

Item 25.13: Any other item with the permission of the Chair.

Item 25.13.1 Proposal of the course CE 412/ CE 612: Sustainable Construction Practice proposed by Prof. Sandeep Chaudhary.

The Senate approved the course CE 412/ CE 612 with title “Sustainable Construction”.

Item 25.13.2 Agenda item raised by the HOD (EE) and supported by HOD (CE) for the issues related to the Internship work outside the Institute.

The Senate discussed the matter and following clarifications made to the Training and Placement Office through its Head:

- a. There is **no concept of internship in any of the Academic programs of IIT Indore** i.e. B.Tech., MTech, MSc, MS (Research), and PhD after 2013. There is B.Tech. Project (BTP) of 6-8 months duration for the BTech students starting after completion of the 6th semester of their BTech program and Thesis for the PG and PhD students stating after completion of their required course work. Some/major part of BTP or PG/PhD thesis can be done in a reputed research organization/industry or foreign university with recommendation and approval following a proper channel.
- b. Before proceeding for the **BTP in collaboration with the external institute/organization**, BTech student must get permission from the Institute authorities in the following order:
BTP Supervisor(s) → DUGC Convener → HoD → ADOAA (UG) → DOAA.
- c. Before proceeding for **PG/PhD Thesis in collaboration with the external institute/organization**, PG/PhD student must get permission from the Institute authorities in the following order:
Thesis Supervisor(s) → DPGC Convener → HoD → ADOAA (PG) → DOAA → Chairman, Senate.

- d. B.Tech. students after completion of 2nd and 4th semester of their BTech program are encouraged to do the internship through TPO after obtaining permission from the institute authorities.

Item 25.13.3 Change of signature system on the Degree Certificates from the 2020-Convocation.

Dean, Academic Affairs, informed to the Senate that in view of continues increasing number of degree certificates from the 2020-Convocation onwards, degrees will contain the image of signature of the three signatories i.e. Registrar, Chairman Senate and Chairman BOG. Degree certificate will contain original signature of AO/DR/JR Academic Affairs for authentication on the reverse side of the degree. In addition to that, for uploading on NAD it will be digitally signed by the AO/DR/JR Academic Affairs. The degrees will be kept in Digi-lockers facilitated by NAD.

Item 25.13.4 Discontinuation of email id of graduating students.

In recent past, it has been observed that some of the students after completion of or leaving or discontinuation from their academic program, are misusing their Institute email-id provided to them after joining the Institute. The Senate discussed the gravity of this matter.

The Senate asked to the Head, Computer Centre to discontinue of institute email-id of a student after completion of or leaving or discontinuation from her/his academic program after transferring the contents from her/his Institute email-id to her/his personal email-id provided by him/her.

The Academic Office must mention the personal email-id of a student to Computer and Information Technology Center while issuing notice for the online No Dues of a student.

The Academic Office also must make it mandatory for a new student to provide his/her personal email-id during the registration of a new student.

The meeting concluded with thanks to the Chair.



Mr. S.P Hota
Secretary, Senate and Registrar-in-charge



(Prof. Neelesh Kumar Jain)
Director (Officiating) and Chairman, Senate

