



INDIAN INSTITUTE OF TECHNOLOGY INDORE

Minutes of the 22nd meeting of the Senate held at 14.00 hours on February 19, 2020
(Wednesday) at Board Room, 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. M. K. Surappa | |
| Department of Materials Engineering, | |
| Indian Institute of Science, Bengaluru | |
| (attended through video conferencing) | |

Internal Members

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| 3. Dr. Devendra L. Deshmukh | Dean of Academic Affairs |
| 4. Dr. Pritee Sharma | Dean of Administration |
| 5. Prof. Sandeep Chaudhary | Dean of Infrastructure Development |
| 6. Dr. Kapil Ahuja | Dean of International Affairs |
| 7. Dr. I. A. Palani | Dean of Research and Development |
| 8. Prof. Anand Parey | Dean of Resources Generation |
| 9. Dr. S. K. Vishvakarma | Dean of Student Affairs |
| 10. Dr. Abhirup Datta | HOD, Astronomy, Astrophysics and Space Engineering |
| 11. Dr. Hem Chandra Jha | HOD, Biosciences and Biomedical Engg. |
| 12. Dr. Neelima Satyam D | HOD, Civil Engineering |
| 13. Dr. Surya Prakash | HOD, Computer Science and Engg. |
| 14. Dr. Santosh Kumar Sahu | HOD, Mechanical Engineering |
| 15. Dr. Vinod Kumar | HOD, Metallurgy Engg. and Materials Sc. |
| 16. Dr. ChelvamVenkatesh | Representative of HOD, Chemistry |
| 17. Dr. Md. Aquil Khan | HOD, Mathematics |
| 18. Dr. P. R. Sagdeo | Representative of HOD, Physics |
| 19. Dr. Nirmala Menon | HOS, Humanities and Social Sc. |
| 20. Prof. Ram Bilas Pachori | Electrical Engineering (and Special Invitee as ADOAA-UG) |
| 21. Prof. Avinash Sonawane | Biosciences and Biomedical Engineering |
| 22. Prof. G. S. Murthy | Biosciences and Biomedical Engineering |
| 23. Prof. Suman Mukhopadhyay | Chemistry, IIT Indore |
| 24. Dr. Anjali Bandiwadekar | Deputy Librarian |



25. Dr. Abhishek Rajput	Faculty-in-charge, Training and Placement
26. Dr. Lalit Borana	Chief Warden
27. Mr. Rhythm	Gymkhana Secretary
28. Mr. Gaurav Khadse	Academic Secretary

Secretary

29. Mr. Siba Prasad Hota	Registrar (I/c)
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Special Invitees

1. Prof. Himanshu Rai	Director, IIM Indore
2. Mr. B. Anil Baliga	EVP, VE Commercial PVT. Ltd.
3. Dr. Amod C. Umarikar	ADOAA (PG programs) and Representative of HOD-Electrical Engineering
4. Dr. Abhishek Srivastava	ADOAA (Academic Infrastructure)
5. Mr. Pavan K. Kankar	Head, Counselling Services
6. Mr. Tapesh Parihar	Manager (Academic Affairs)

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

1. Prof. R. Narasimhan	
Department of Mechanical Engineering,	
Indian Institute of Science, Bengaluru	
2. Prof. R. Balasubramanian	
Department of Mathematics,	
Institute of Mathematical Sciences, Chennai	
3. Prof. Sudhir Chella Rajan	
Department of HSS,	
Indian Institute of Technology Madras, Chennai	
4. Prof. Subhendu Rakshit	Dean of Faculty Affairs
5. Prof. N.S. Chaudhari	CSE (on deputation to UTU, Dehradun)
6. Prof. Rajneesh Misra	Chemistry
7. Prof. Sarika Jalan	Physics
8. Prof. Vimal Bhatia	Electrical Engineering
9. Prof. Abhinav Kranti	Electrical Engineering
10. Mr. Jwalant Shah	Representative, IIT Indore Alumni



Item 22.1: Opening Remarks by the Chairman, Senate.

Chairman welcomed all the members of the Senate. He also welcomed and introduced special invitee Prof. Himanshu Rai, Director, IIM Indore and Mr. B. Anil Baliga, EVP, VE Commercial PVT. Ltd. to the Senate.

Chairman informed the committee that IIT Indore has been ranked 61 in the 2020 Times Higher Education Emerging Economies University Rankings.

Senate appreciated the contribution of Prof. Pradeep Mathur (former Director, IIT Indore) as Chairman of Senate and earlier as Chairman, Academic Council.

Further, Secretary of the Senate informed that the following members are formally inducted as members of the Senate by virtue of their respective positions:

1. Dr. Devendra L. Deshmukh	Dean of Academic Affairs
2. Dr. Pritee Sharma	Dean of Administration
3. Prof. Anand Parey	Dean of Resources Generation
4. Dr. I. A. Palani	Dean of Research and Development
5. Dr. Vinod Kumar	HOD, Metallurgy Engg. and Materials Sc.
6. Dr. Nirmala Menon	HOS, Humanities and Social Sc.
7. Dr. Lalit Borana	Chief Warden
8. Dr. Biswarup Pathak	HOD, Chemistry
9. Dr. Santosh Kumar Sahu	HOD, Mechanical Engineering
10. Prof. G. S. Murthy	Professor, BSBE

Item 22.2: Confirmation of the minutes of the 21st meeting of Senate held on November 14, 2019.

Senate confirmed the Minutes of its 21st meetings held on November 14, 2019.

Item 22.3: Action Taken Report (ATR) on minutes of 21st meeting of Senate held on November 14, 2019.

Senate took note of actions taken on the decisions of the 21st meeting held on November 14, 2019 with the following observations:

1. Course CE 412/ CE 612 is to be resubmitted for discussion.
2. Regarding case of Ph.D. student Mr. Shyam Singh, final decision on his continuation will be taken after the verdict given by the court.

Item 22.4: **Discussion on the frequency of Ph.D. Admissions.**

After the discussion, the Senate has decided the following dates on which PhD selection file for FA category should reach the Academic office:

Quarter	Date
1	March 31
2	June 15
3	September 15
4	November 15

The Senate decided that the Ph.D. admissions under (TA/SW/IS/DF/CT category) should take place only two times in a year i.e. April to June for Autumn Semester and October to November for Spring Semester.

Item 22.5: **Minimum Educational Qualifications (MEQs) and Qualifying Examination (QE) for Indian applicants of Ph.D. programme.**

After a detailed discussion on the matter, the Senate resolved that as per the notification of MHRD w.r.t. revision of Ph.D. fellowship, student should be GATE qualified for admission in TA category.

The student under FA category, should have GATE qualification if needs to convert to TA category at the end of project or FA fellowship.

Senate approved that the GATE is not compulsory for DF/ IS/ CT/ SW/ FA category.

Item 22.6: **Discussion on the continuation of Ph.D. scholarship for TA category students after completion of 4 years.**

Chairman, Senate informed that this case has been discussed earlier in the Senate and there was a special Senate meeting (20th) held on August 20, 2019 and its recommendation has also been approved by the BOG. Senate reiterate again that the TA category Ph.D. students may be provided Ph.D. scholarship in the 5th year of the program after rigorous evaluation and satisfactory performance based upon the evident research output in terms of Journal Publications, Book Chapters, and publication of Patent Application.

However, after detailed discussion, the Senate resolved the following:

- a. The biannual rigorous evaluation has to be initiated by PSPC after the completion of the 2nd year up to the date of thesis submission. A student should give a plan for publication and completion of the thesis for timely completion of the Ph.D. program which will be endorsed by the Thesis Supervisor(s) and recommended by PSPC members, DPGC Convener and Head.

- b. In case, where a fellowship needs to be stopped for any student, the Thesis Supervisor(s), PSPC members and DPGC-Convener have to recommend it to Head and Head has to approve it and communicate it to Finance and Accounts Section with a copy to the Academic Office.
- c. No scholarship will be paid after Thesis Submission.
- d. An additional Ph.D. students under Teaching Assistantship Category (TA) against two FA or externally funded PDF will not be allowed.
- e. Comprehensive Examination should be conducted for PhD students. This will be applicable from the batch admitted in the 2020-Autumn Semester.
- f. All disciplines should explore the option of offering MS (Research) programme. In case, a student fails in the comprehensive exam he/she may be awarded degree of MS (Research) and he/ she may exit from the Ph.D. program.
- g. Rules and regulation for Comprehensive Examination will be submitted to DoAA by the ADOAA (PG & Ph.D.) by March 31, 2020 in consultations with HOD's from all the departments.

Item 22.7: Process for sharing of Ph.D. thesis evaluation reports.

Senate approved the proposal of reverting back to the mechanism of sharing the Ph.D. thesis evaluation reports to the earlier practice. Accordingly after receiving of all the Ph.D. Thesis evaluation reports, it will be shared by e-mail with concerned Thesis Supervisor(s), PSPC members, DPGC-Convener and HOD without revealing the name of external examiners.

Item 22.8: Proposal for new courses.

After due deliberation on the matter, the Senate approved the course PH 710 with title "Theory of Quantum Materials".

Senate deferred the following courses and asked to discuss in the next meeting of Senate:

S. No.	Course Code and title of the course	Contact hours (L-T-P-C)	Action to be taken
1	PH 623: Advanced Theory for Nanomaterials Science	2-1-0-3	To be revised and cross-listed with UG programme.
2	CH 721: Strategies for Organic Synthesis	2-1-0-3	Syllabi needs to be revised and cross-listed with UG programme.
3	CH 740 Advanced Main Group Chemistry	2-1-0-3	
4	CH 741: Metal-Ligand Multiple Bonds	2-1-0-3	
5	HS 209: Intermediate	2-1-0-3	Syllabus should be



	Microeconomics		detailed.
6	HS 325: Industrial Organization	2-1-0-3	Syllabus should be detailed.

Item 22.9: Revised course structure of B.Tech. programme in Civil Engineering.

HOD, Civil Engineering informed to the committee that they wish to implement the revised course structure w.e.f. AY 2020-21.

The revised structure was discussed, it is suggested that structure with new course syllabus be discussed in the next meeting of the Senate. The Civil Discipline should mention the nature of changes (change of title/ change of syllabus etc.) in the revised structure.

Item 22.10: Renaming of the M.Tech. Program in Production and Industrial Engineering (PIE).

The Senate deferred the proposal for discussion. The same should be presented in the next meeting with revised course structure and revised syllabus.

Item 22.11: Cross-Listing of the approved course.

The Senate approved the proposal of cross-listing of the course HS 624: Econometrics-1 as HS 424/ HS 624 for UG programmes.

Item 22.12: Senate nominee to the Board of Governors (BOG)

The Senate nominated Prof. Anand Parey, as a nominee of the Senate to the BOG for 2 years.

Item 22.13: Items for ratification:

Item 22.13.1: Discussion on the case of Mr. Kaushik Natrajan Usha, Roll no. 1501181006 Ph.D. student in the Discipline of Metallurgy Engineering and Materials Science.

The Senate ratified the approval accorded by the Chairman. Student has given the Open Seminar and instructed to submit thesis before March 31, 2020.

Item 22.13.2: Inclusion of additional course code in the course curriculum of MTech/ MSc programs for part-time categories.

The Senate ratified the approval accorded by the Chairman.



Item 22.13.3: MOU with Homi Bhabha National Institute (HBNI).

The Senate ratified it and recommended to BoG for approval.

Item 22.14: Any other item with the permission of the Chair.

- a. **Counselling Cell:** Chairman, Senate informed that, as per the mandate by the government and as initiative, Counseling Cell will be strengthened with a team of 11 faculty members i.e. one from each discipline and 3 students, each from UG, PG and Ph.D. Head, Counseling Services will get financial power. Training programmes will be conducted for this team to enable them to counsel the student. This team will counsel the student specially on non-academic matters.

It is also resolved by the Senate that, Head, Counselling Services will be the member of Senate.

- b. **Shifting of Ph.D. students in the Hall of Residence:** The Chief Warden informed that all Ph.D. students were sent an advisory for shifting in to the Hall of Residence. However, out of 519 Ph.D. students 330 students did not respond.

The Senate resolved that since for the purpose of safety, availability of research facility 24x7, reduce the travel time, all the students should be encouraged to shift in the campus latest by March 31, 2020.

- c. **External Experts as Special Invitee:** Chairman, Senate informed that apart from the existing External Experts, following experts will be the regular special invitees to the Senate:

Director, Indian Institute of Management Indore
Director, Raja Ramana Center for Advanced Technology, Indore
Commandant, Military College of Telecommunication Engineering, Mhow
EVP, Volvo Eicher Commercial PVT. Ltd.

The meeting concluded with thanks to the Chair.


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




(Siba Prasad Hota)
Registrar (I/c) and Secretary, Senate