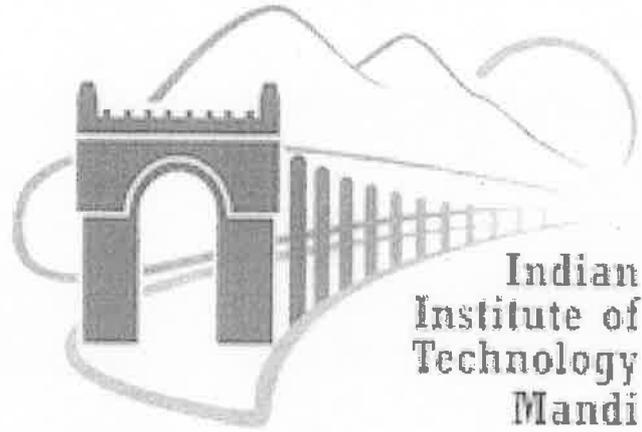


अट्ठाईसवीं सिनेट बैठक का कार्यवृत्त

**MINUTES OF THE 28th SENATE MEETING OF
IIT MANDI**

5th NOVEMBER, 2020



भारतीय प्रौद्योगिकी संस्थान मण्डी
कमांद – 175075, हिमाचल प्रदेश

**INDIAN INSTITUTE OF TECHNOLOGY MANDI
KAMAND – 175075, HIMACHAL PRADESH**

**INDIAN INSTITUTE OF TECHNOLOGY MANDI
KAMAND, HIMACHAL PRADESH**



28th SENATE MEETING OF IIT MANDI

5th NOVEMBER, 2020

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INDIAN INSTITUTE OF TECHNOLOGY MANDI

Minutes of the 28th Senate Meeting of IIT Mandi held on 5th November, 2020 at 4:00 PM in A1 NKN Room, IIT Mandi, Kamand.

The following members were present:

In the Chair

Prof. Ajit K. Chaturvedi, Director, IIT Mandi

Members:

Prof. N. Sathyamurthy, Former Director, IISER Mohali & Hon. Prof., JNCASR, Bengaluru
Prof. Rowena Robinson, Deptt. of HSS, IIT Bombay
Prof. Venkataraman Ranganathan, Visiting Distinguished Professor, SHSS, IIT Mandi
Prof. Tarun Kant, Visiting Distinguished Professor, SE, IIT Mandi
Dr. Pradeep C. Parameswaran, Dean (Academics), IIT Mandi
Prof. B.D. Chaudhary, Dean (Faculty), IIT Mandi
Dr. Venkata Krishnan, Dean (SRIC & IR), IIT Mandi
Dr. Vishal Singh Chauhan, Dean (F & A), IIT Mandi
Dr. Manoj Thakur, Dean (Students), IIT Mandi
Dr. Samar Agnihotri, Chairperson, SCEE, IIT Mandi
Dr. Viswanath Balakrishnan, Chairperson, SE, IIT Mandi
Dr. Syed Abbas, Chairperson, SBS, IIT Mandi
Dr. Suman Sigroha, Chairperson, SHSS & Course Coordinator HSS Courses, IIT Mandi
Dr. Prosenjit Mondal, Co-ordinator, BioX Centre, IIT Mandi
Dr. Satinder K. Sharma, Co-ordinator, C4DFED, IIT Mandi
Dr. Aditi Halder, Associate Professor, SBS, IIT Mandi
Dr. Srikant Srinivasan, Associate Professor, SCEE, IIT Mandi
Dr. Sunny Zafar, Assistant Professor, SE, IIT Mandi
Dr. Qaiser Jahan, Assistant Professor, SBS, IIT Mandi
Dr. Gopi Shrikanth Reddy, Assistant Professor, SCEE, IIT Mandi
Dr. Puran Singh, Assistant Professor, SHSS, IIT Mandi
Dr. Astrid Kiehn, Chair, Library Advisory Committee (LAC), IIT Mandi
Mr. Naresh Singh Bhandari, Deputy Librarian, IIT Mandi
Dr. Amit Jaiswal, Chief Warden, IIT Mandi
Dr. Nadeem Akhtar, M/s Arista Networks
Shri K. K. Bajre, Registrar & Secretary-Senate, IIT Mandi

Invitees:

Dr. Anil Kumar Sao, Associate Dean (Course), IIT Mandi
Dr. Rahul Vaish, Associate Dean (Research), IIT Mandi
Dr. Tulika P. Srivastava, Associate Dean (Faculty), IIT Mandi
Dr. Devika Sethi, Associate Dean (International Relations), IIT Mandi
Dr. Arnav Bhavsar, Associate Dean (SRIC), IIT Mandi
Dr. Kunal Ghosh, Chair, CPC, IIT Mandi
Dr. Subrata Ghosh, Associate Professor, SBS, IIT Mandi
Dr. Bharat Singh Rajpurohit, Associate Professor, SCEE, IIT Mandi
Dr. Suman Kalyan Pal, Associate Professor, SBS, IIT Mandi

Dr. Prem Felix Siril, Associate Professor, SBS, IIT Mandi
Dr. Dileep A. D., Associate Professor, SCEE, IIT Mandi
Dr. Ajay Soni, Associate Professor, SBS, IIT Mandi
Dr. Arpan Gupta, Associate Professor, SE, IIT Mandi
Dr. Varun Dutt, Associate Professor, SCEE & SHSS, IIT Mandi
Dr. Arti Kashyap, Associate Professor, SBS & SCEE, IIT Mandi
Dr. C.S. Yadav, Associate Professor, SBS, IIT Mandi
Dr. Shubhajit Roy Chowdhury, Associate Professor, SCEE, IIT Mandi
Dr. Dericks Praise Shukla, Associate Professor, SE, IIT Mandi
Dr. Shyam Kumar Masakapalli, Associate Professor, SBS, IIT Mandi
Dr. Mohammad Talha, Associate Professor, SE, IIT Mandi
Dr. Tushar Jain, Assistant Professor, SCEE, IIT Mandi
Dr. Saumya Dixit, Assistant Professor, SHSS, IIT Mandi
Dr. Rahul Shrestha, Assistant Professor, SCEE, IIT Mandi
Dr. Rajanish Giri, Assistant Professor, SBS, IIT Mandi
Dr. Trayambak Basak, Assistant Professor, SBS, IIT Mandi
Dr. Bhaskar Mondal, Assistant Professor, SBS, IIT Mandi
Dr. Amit B. Pawar, Assistant Professor, SBS, IIT Mandi
Dr. Jinesh Machchhar, Assistant Professor, SCEE, IIT Mandi
Dr. Rajendra Kr. Ray, Associate Professor, SBS, IIT Mandi
Dr. Amit Prasad, Assistant Professor, SBS, IIT Mandi
Dr. Pratim Kundu, Assistant Professor, SCEE, IIT Mandi
Dr. Shyamashree Dasgupta, Assistant Professor, SHSS, IIT Mandi
Dr. Manas Thakur, Assistant Professor, SCEE, IIT Mandi
Dr. Adarsh Patel, Assistant Professor, SCEE, IIT Mandi
Dr. Muslim Malik, Associate Professor, SBS, IIT Mandi
Dr. Hitesh Shrimali, Associate Professor, SCEE, IIT Mandi
Dr. Pradeep Kumar, Assistant Professor, SBS, IIT Mandi
Dr. Garima Agarwal, Assistant Professor, SBS, IIT Mandi
Dr. Sandip Kumar Saha, Assistant Professor, SE, IIT Mandi
Dr. Satyajit Thakor, Assistant Professor, SCEE, IIT Mandi
Dr. Sreelakshmi PM, Assistant Professor, SCEE, IIT Mandi
Dr. Neha Kaushik, Assistant Professor, SHSS, IIT Mandi
Dr. Rajeshwari Dutt, Assistant Professor, SHSS, IIT Mandi
Dr. Narsa Reddy Tummuru, Assistant Professor, SCEE, IIT Mandi
Dr. Ashutosh Kumar, Assistant Professor, SE, IIT Mandi
Dr. Swati Sharma, Assistant Professor, SE, IIT Mandi
Dr. P. Anil Kishan, Assistant Professor, SE, IIT Mandi
Dr. Kala V. Uday, Assistant Professor, SE, IIT Mandi
Dr. Himashu Misra, Assistant Professor, SCEE, IIT Mandi
Dr. Rameshwar Pratap, Assistant Professor, SCEE, IIT Mandi
Dr. Mahesh Reddy Gade, Assistant Professor, SE, IIT Mandi
Dr. Srikanth Sugavanam, Assistant Professor, SCEE, IIT Mandi
Mr. Arnav Prasad, Student Academic Affairs Secretary, IIT Mandi (Special Invitee)
Mr. Sachit Yadav, Student General Secretary, IIT Mandi (Special Invitee)
Mr. Pawan Kumar Mandal, Student Research Affairs Secretary, IIT Mandi (Special Invitee)
Shri Vivek Tiwari, Assistant Registrar (Academics), IIT Mandi also attended the meeting.

Following Senate members/invitees could not attend the meeting due to prior commitments:

Prof. Sunil R. Kale, Professor, Department of Mechanical Engineering, IIT Delhi
 Prof. Rajan Kapur, Adjunct Professor, SCEE, IIT Mandi
 Prof. Ramesh Oruganti, Adjunct Professor, SCEE, IIT Mandi
 Prof. Yvonne Ditrriach, Adjunct Professor, SCEE, IIT Mandi
 Prof. Ajit Padmakar Annachattre, Visiting Professor, SE, IIT Mandi
 Prof. Ing. Balthasar Novak, Adjunct Professor, SE, IIT Mandi
 Prof. Sumant Nigam, Visiting Distinguished Professor, SE, IIT Mandi
 Prof. Kenneth E. Gonsalves, Distinguished Visiting Professor, SBS, IIT Mandi
 Prof. Subrata Ray, Distinguished Visiting Professor, SE, IIT Mandi
 Prof. S. C. Jain, Dean (I&S), IIT Mandi
 Dr. Rik Rani Koner, Co-ordinator, AMRC, IIT Mandi
 Dr. Rajeev Kumar, Associate Professor (SE), IIT Mandi
 Dr. Kaustav Sarkar, Associate Dean (Infrastructure), IIT Mandi

The Chairman Senate extended a warm welcome to all the Senate members and Invitees attending the 28th Senate meeting of the Institute.

Thereafter, following agenda items were taken up.

Item No. 28.1: To confirm the minutes of the 27th Senate meeting held on 2nd September, 2020.

Minutes of the 27th Senate meeting held on 2nd September, 2020 were circulated and no comments have been received so far. During confirmation of the minutes, the Senate noted that the student representatives requested to record the reason for their absence as these positions were vacant at that time. Therefore, the minutes were confirmed with this modification.

Item No. 28.2: To note the actions taken on the decisions taken in the 27th Senate meeting held on 2nd September, 2020.

The Senate noted the actions taken on the implementation of decisions taken in its 27th meeting held on 2nd September, 2020.

Item No. 28.3: To consider the Academic Calendar (AY 2020-21) for B.Tech. first year students.

Associate Dean (Courses) presented the recommendations of the designated committee, to the Senate, enclosed as **Annexure – A; Page No. 10 to 18.**

The Senate after detailed discussion resolved the following:

- 1) The Induction Program for the first-year B.Tech students of AY 2020-21 shall be organized in different phases. The first phase, of the induction program shall be conducted during 23rd to 27th November, 2020 in online mode.
- 2) The AY 2020-21 shall be split into three Academic Sessions (AS) for the first year B.Tech students. These sessions shall be denoted as AS1, AS2, and AS3.

- 3) The first session, AS1, shall run from 1st December, 2020 to 9th February, 2021 in online mode.
- 4) All lectures in AS1 shall be recorded and made available to students.
- 5) Continuous online assessment shall be conducted for courses in AS1.
- 6) The weightages of various online assessment components shall be decided by the instructor and conveyed to students at the beginning of the academic session.
- 7) There will be a break from 28th to 31st December, 2020.
- 8) Final grades of the session AS1 shall be submitted by 13th February, 2021.
- 9) Second academic session, AS2, shall run from 17th February to 11th June, 2021. This session shall be concurrent with the regular February-June 2021 semester of the Institute.
- 10) After AS2, there shall be a short vacation for the students from 12th to 27th June, 2021.
- 11) Third academic session, AS3, shall run from 28th June to 6th August, 2021.
- 12) Mode of delivery of classes (online or in-person) in AS2 and AS3 shall be decided later considering the evolving pandemic situation.
- 13) Faculty who are teaching the sessions coinciding with the regular vacation periods may be allowed compensatory vacation leave later.
- 14) The dates mentioned above for the academic sessions AS2 & AS3 are tentative and the exact calendar for these sessions shall be finalized later with the approval of the Chairman, Senate.
- 15) Above plans may be reviewed later considering the evolving pandemic situation.

Item No. 28.4: To consider the Ordinances & Regulations for Master of Arts programme.

On the recommendation of the Board of Academics, the Senate considered the proposal of Ordinances & Regulations for the Master of Arts programme presented by Dr. Shyamasree Dasgupta, PFG, M.A. (Development Studies). After detailed deliberation, the Senate recommended the proposal for consideration of the Board of Governors. The proposal is enclosed as **Annexure – B; Page No. 19 to 34.**

Item No. 28.5: To consider the modifications in Core Course list for B.Tech. in Civil Engineering Curriculum.

On the recommendation of the Board of Academics, the Senate considered the proposal for the modifications in Core Course list of B.Tech in Civil Engineering. The proposal was presented by Dr. Maheshreddy Gade, PFG, Chair of B.Tech. Civil Engineering.

After detailed deliberation, the Senate resolved to approve the proposal, enclosed as **Annexure – C; Page No. 35 to 40.**

Item No. 28.6: To consider a proposal to offer new Minor programmes from the School of Computing and Electrical Engineering (SCEE).

On the recommendation of the Board of Academics, the Senate considered the proposal for new Minor programmes from the School of Computing and Electrical Engineering (SCEE). The proposal was presented by Dr. Hitesh Shrimali, PFG, M.Tech – EE (VLSI).

It was noted that for each minor, more courses can be added to the course lists later. The Senate decided that any such addition to the list of 'Foundation Courses' would require approval of the Senate. However, the School in consultation with the respective Program Faculty Group (PFG) may add more courses to the list of 'Suggested courses' without further approval of the Senate, would be intimated to the office of Dean (Academics) for implementation.

After detailed deliberation, the Senate approved the proposal for new minor programmes. The proposal, as approved by the Senate, is enclosed as **Annexure – D; Page No. 41 to 42.**

Item No. 28.7: To consider modifications in the course distribution of M.Tech. in Structural Engineering Curriculum.

On the recommendation of the Board of Academics, the Senate considered the proposal for modifications in the course distribution of M.Tech. in Structural Engineering Curriculum. The proposal was presented by Dr. Sandip Saha, PFG, M.Tech. – Structural Engineering.

After detailed deliberation, the Senate approved the proposal, enclosed as **Annexure – E; Page No. 43 to 44.**

Item No. 28.8: To consider the award of Ph.D., M.S. (by Research), M.Tech., M.Sc., M.A., B.Tech. and B.Tech. Honors degree.

On the recommendations of Board of Academics (BoA), the Senate considered the students, who have fulfilled all the requirements for award of the degree during 8th Convocation as detailed below:

Sr. No.	Programme	No. of students
1	Doctor of Philosophy	36
2	Master of Science (by Research)	9
3	M.Tech. in Biotechnology	10
4	M.Tech. in Communication and Signal Processing	10
5	M.Tech. in Energy Engineering with specialization in Materials	14
6	M.Tech. in Mechanical Engineering with specialization in Energy Systems	22 + 1 (2016 batch)
7	M.Tech. in Power Electronics and Drives	14
8	M.Tech. in Structural Engineering	17
9	M.Tech. in VLSI	9
10	Master of Science in Chemistry	26
11	Master of Science in Applied Mathematics	28 + 1 (2017)

		batch)
12	Master of Science in Physics	22
13	Master of Arts in Development Studies	12
14	B.Tech. in Civil Engineering	19
15	B.Tech. in Computer Science Engineering	59
16	B.Tech. in Electrical Engineering	40 + 1 (2014 batch)
17	B.Tech. in Mechanical Engineering	25
	Total	375

The Senate recommended the award of degrees to above mentioned students to the Board and congratulated them on the successful completion of the degree programme. Further, the Senate authorized the Chairman, Senate to recommend award of degree to those students who complete all the academic requirements during the time period between the current Senate meeting and the Board meeting scheduled on 20.11.2020. The complete list of students qualified for various degrees are placed as **Annexure – F; Page No. 45 to 63.**

Item No. 28.9: Any other agenda item with the permission of the Chairperson, Senate.

(i) Proposal for increasing the strength of PhD scholars

In the 35th Board of Academics (BoA) meeting held on 19th August, 2020, Dr. Rahul Vaish, Associate Dean (Research) presented a proposal for increasing the number of MS/PhD Scholar cap for each Faculty. After due deliberation, the BoA had recommended the proposal to the Senate for consideration. The Associate Dean (Research) made a presentation to the Senate, enclosed as **Annexure – G; Page No. 64 to 68.**

The Senate deliberated on the proposal in detail and resolved to approve the following:

- a) Every Faculty may have upto a maximum of 6 PhD scholars with funding either from HTRA or from Govt. agencies like UGC/CSIR/ ICMR etc. However, Schools may decide for a lower cap for their Faculty.
- b) There will be no upper cap on the number of scholars funded by sponsored projects or self-sponsored scholars including Part-Time/ERP categories.
- c) Funding may be switched from HTRA to project or vice versa at any time subject to the following conditions:
 - i. the candidate is otherwise eligible for such a conversion.
 - ii. the cap of maximum 6 PhD scholars as mentioned above under point (a) is maintained.
- d) One MS (by research) scholar shall be considered as equivalent to 0.5 Ph.D. scholar for calculating the scholar cap.
- e) Every semester, the Schools would propose their requirements for scholars to the Dean (Academics). The Institute shall decide the overall intake every semester, based on the availability of resources.
- f) While approving the increased scholar cap, the Senate advised that the increase in the scholar cap may be

implemented gradually so that there is no compromise on the quality of the admitted students.

- g) Apart from these changes, all the other existing norms/procedures for the allocation of research scholars shall be continued.
- h) It was noted that the existing scholar cap was implemented at the Institute level in 2013. The senate opined that sometime in future, this matter should cease to be a subject for the consideration of the Senate and the matter should be delegated to the respective Schools.

(ii) Organization of the 8th Convocation of the Institute:

The Senate noted that in its 27th meeting held on 2nd September, 2020 it was decided that the mode and timeline for the conduct of 8th Convocation of the Institute shall be reviewed in the month of November, 2020. Accordingly, the Senate considered the matter and deliberated on the issues related to conduct of the Convocation.

It was noted that the pandemic situation has not improved much after the last Senate meeting. The Students' Academic Affairs Secretary mentioned that many of the graduands preferred a physical convocation. However, the Students' Research Affairs Secretary brought to the notice of the Senate that many of the PG and Ph.D. graduands require their final degrees urgently for the purpose of higher studies. The Senate observed that the scheduling of the Convocation may remain uncertain for a long period of time if the Institute decides to opt for a physical convocation. The Senate also noted that many other IITs have already conducted/decided to conduct their Convocations through online mode.

Considering, the uncertainty involved in the organization of a physical Convocation and urgency of the requirements of some students for their final degrees, the Senate decided to conduct the 8th Convocation of the Institute through online mode, in the month of December, 2020.

The Senate also decided to hold a suitable function at the Institute to host the graduands for a re-union. This function may be organized next year as and when the pandemic situation improves considering the aspirations of the graduands.

Item No. 28.10: To report decisions/action taken by the Chairman, Senate.

(i) To consider the award of medals and prizes to the winners among the graduands, which are to be awarded during the 8th convocation.

The Senate in its 27th meeting held on 2nd September, 2020 had authorized the Chairman, Senate to approve the medals and awards for the graduating batch of students based on the recommendation of the designated committee. Subsequently, the Chairman, Senate approved the list of medals and awards recommended by the awards committee which was presented to the Senate as detailed below:

Sr. No.	Roll No.	Name	Medal/Award
1	B16106	Neelotpal Dutta	President of India Gold Medal
2	B16124	Anand Ramrakhyani	Director's Gold Medal
3	B16082	Abhigyan Khaund	Institute Silver Medal:

Sr. No.	Roll No.	Name	Medal/Award
			B.Tech. Computer Science and Engineering
4	B16138	Ram Lakhan	Institute Silver Medal: B.Tech. Electrical Engineering
5	B16106	Neelotpal Dutta	Institute Silver Medal: B.Tech. Mechanical Engineering
6	B16130	Gaurav Meena	Institute Silver Medal: B.Tech. Civil Engineering
7	B16067	Palak Gupta	Rani Gonsalves Memorial Medal
8	B16041	Vishnu Priya Jindal	
9	V18033	Abhishek Jain	
10	V18079	Bhisma Narayan Mahanty	Institute Silver Medal: M.Sc. Chemistry
11	V18008	Alka Singh Chauhan	Institute Silver Medal: M.Sc. Applied Mathematics
12	T18127	Vagish Kumar	Institute Silver Medal: M.Tech. Mechanical Engineering with Specialization in Energy Systems
13	T18208	Nikita Deshwal	Outstanding Academic Achievement Award: M.Tech. Biotechnology
14	T18033	Ankit Chakraborty	Outstanding Academic Achievement Award: M.Tech. Communication and Signal Processing
15	T18151	Mohit Barthwal	Outstanding Academic Achievement Award: M.Tech. Energy Engineering with Specialization in Materials
16	T18004	Saswath T	Outstanding Academic Achievement Award: M.Tech. VLSI
17	T18069	Patel Parth Hasmukhbhai	Outstanding Academic Achievement Award: M.Tech. Power Electronics and Drives
18	T18109	Mahipal Kulariya	Outstanding Academic Achievement Award: M.Tech. Structural Engineering
19	A18008	Rajat Chaudhary	Outstanding Academic Achievement Award: M.A. Development Studies

The Senate resolved to apprise the Board.

(ii) The Senate also noted the other decisions taken by the Chairman, Senate on behalf of the Senate, as given in the agenda item no. 28.10.

Item No. 28.11: Issues to be discussed by the Senate without Student Members being present.

None.

The meeting concluded with a vote of thanks to the Chair and to the Members.

Chatterwood
Chairman, Senate 8/12/2020

DeBor 08/11/20
Registrar & Secretary-Senate