

तीसवीं सिनेट बैठक का कार्यवृत्त

**MINUTES OF THE 30<sup>th</sup> SENATE MEETING OF  
IIT MANDI**

**3<sup>rd</sup> FEBRUARY, 2021**



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**



**30<sup>th</sup> SENATE MEETING OF IIT MANDI**

**3<sup>rd</sup> FEBRUARY, 2021**

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**INDIAN INSTITUTE OF TECHNOLOGY MANDI**

**Minutes of the 30<sup>th</sup> Senate Meeting of IIT Mandi held on 3<sup>rd</sup> February, 2021 at 04:00 PM in A1 NKN Room, IIT Mandi, Kamand.**

The following 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. Ramesh Oruganti, Adjunct Professor, SCEE, IIT Mandi  
Prof. Tarun Kant, Visiting Distinguished Professor, SE, IIT Mandi  
Prof. S. C. Jain, Emeritus Professor, SE & former Dean (I&S), IIT Mandi  
Prof. Subrata Ghosh, Professor, SBS, IIT Mandi  
Prof. Prem Felix Siril, Professor, SBS & Dean (Faculty), IIT Mandi  
Prof. Suman Kalyan Pal, Professor & Chairperson (SBS), IIT Mandi  
Prof. Pradeep C. Parameswaran, Professor, SBS & Dean (Academics), IIT Mandi  
Dr. Vishal Singh Chauhan, Dean (F & A), IIT Mandi  
Dr. Venkata Krishnan, Dean (SRIC & IR), IIT Mandi  
Dr. Bharat Singh Rajpurohit, Dean (I&S), IIT Mandi  
Dr. Manoj Thakur, Dean (Students), IIT Mandi  
Dr. Samar Agnihotri, Chairperson, SCEE, IIT Mandi  
Dr. Viswanath Balakrishnan, Chairperson, SE, IIT Mandi  
Dr. Suman Sigroha, Chairperson, SHSS & Course Coordinator HSS Courses, IIT Mandi  
Dr. Prosenjit Mondal, Co-ordinator, BioX Centre, IIT Mandi  
Dr. Rik Rani Koner, Co-ordinator, AMRC, IIT Mandi  
Dr. Rajeev Kumar, Associate Professor (SE), IIT Mandi  
Dr. Srikant Srinivasan, Associate Professor, SCEE, IIT Mandi  
Dr. Aditi Halder, Associate Professor, SBS, 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. Amit Jaiswal, Chief Warden, IIT Mandi  
Dr. Astrid Kiehn, Chair, Library Advisory Committee (LAC), IIT Mandi  
Mr. Naresh Singh Bhandari, Deputy Librarian, 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 (Courses), IIT Mandi  
Dr. Rahul Vaish, Associate Dean (Research), IIT Mandi  
Dr. Arnab Bhavsar, Associate Dean (SRIC), IIT Mandi  
Dr. Tulika P. Srivastava, Associate Dean (Faculty), IIT Mandi  
Dr. Kunal Ghosh, Chair, CPC, IIT Mandi  
Dr. Dileep A. D., Associate Professor, SCEE, IIT Mandi

Dr. Ajay Soni, Associate Professor, SBS, IIT Mandi  
Dr. Varun Dutt, Associate Professor, SCEE & SHSS, IIT Mandi  
Dr. Arpan Gupta, Associate Professor, SE, IIT Mandi  
Dr. Hitesh Shrimali, Associate Professor, SCEE, IIT Mandi  
Dr. Shubhajit Roy Chowdhury, Associate Professor, SCEE, IIT Mandi  
Dr. C. S. Yadav, Associate Professor, SBS, IIT Mandi  
Dr. Muslim Malik, Associate Professor, SBS, IIT Mandi  
Dr. Atul Dhar, Associate Professor, SE, IIT Mandi  
Dr. Dericks Praise Shukla, Associate Professor, SE, IIT Mandi  
Dr. Shyam Kumar Masakapalli, Associate 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. Rahul Shrestha, Assistant Professor, SCEE, IIT Mandi  
Dr. Narsa Reddy Tummuru, Assistant Professor, SCEE, IIT Mandi  
Dr. Manas Thakur, Assistant Professor, SCEE, IIT Mandi  
Dr. Adarsh Patel, Assistant Professor, SCEE, IIT Mandi  
Dr. Ashutosh Kumar, Assistant Professor, SE, IIT Mandi  
Dr. Sumit Sinha Ray, Assistant Professor, SE, IIT Mandi  
Dr. Tushar Jain, Assistant Professor, SCEE, IIT Mandi  
Dr. Swati Sharma, Assistant Professor, SE, IIT Mandi  
Dr. Sayantan Sarkar, Assistant Professor, SE, IIT Mandi  
Dr. Sandip Kumar Saha, Assistant Professor, SE, IIT Mandi  
Dr. Neha Kaushik, Assistant Professor, SHSS, IIT Mandi  
Dr. Srinivasu Bodapati, Assistant Professor, SCEE, IIT Mandi  
Dr. Kala V. Uday, Assistant Professor, SE, IIT Mandi  
Dr. Garima Agrawal, Assistant Professor, SBS, IIT Mandi  
Dr. Gaurav Bhutani, Assistant Professor, SE, IIT Mandi  
Dr. Jaspreet Kaur Randhawa, Assistant Professor, SE, IIT Mandi  
Dr. Rameshwar Pratap, Assistant Professor, SCEE, IIT Mandi  
Dr. Sreelakshmi Manjunath, Assistant Professor, SCEE, IIT Mandi  
Dr. Moumita Das, Assistant Professor, SCEE, IIT Mandi  
Dr. Baskar Bakthavachalu, Assistant Professor, SBS, IIT Mandi  
Dr. Varunkumar Jayapaul, Assistant Professor, SCEE, IIT Mandi  
Dr. Pratim Kundu, Assistant Professor, SCEE, IIT Mandi  
Dr. P. Anil Kishan, Assistant Professor, SE, IIT Mandi  
Dr. Parmod Kumar, Assistant Professor, SE, IIT Mandi  
Dr. Prasad Kasturi, Assistant Professor, SBS, IIT Mandi  
Dr. Saumya Dixit, Assistant Professor, SHSS, IIT Mandi  
Dr. Pradeep Kumar, Assistant Professor, SBS, IIT Mandi  
Dr. Rajesh Ghosh, Assistant Professor, SE, IIT Mandi  
Dr. Pradeep Kumar, Assistant Professor, SE, IIT Mandi  
Dr. Srikanth Sugavanam, Assistant Professor, SCEE, IIT Mandi  
Dr. Prateek Saxena, Visiting Assistant Professor, SE, IIT Mandi  
Dr. Erwin Fuhrer, Visiting 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)  
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. Yvonne Ditrlich, Adjunct Professor, SCEE, IIT Mandi  
Prof. Chayan K. Nandi, Professor, SBS, 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. B.D. Chaudhary, Emeritus Professor, SCEE, IIT Mandi  
Dr. Satinder K. Sharma, Co-ordinator, C4DFED, IIT Mandi  
Dr. Puran Singh, Assistant Professor, SHSS, IIT Mandi  
Dr. Kaustav Sarkar, Associate Dean (Infrastructure), IIT Mandi  
Dr. Devika Sethi, Associate Dean (International Relations), IIT Mandi  
Mr. Pawan Kumar Mandal, Student Research Affairs Secretary, IIT Mandi (Special Invitee)

The Chairman Senate extended a warm welcome to all the Senate members and Invitees attending the 30<sup>th</sup> Senate meeting of the Institute.

Thereafter, following agenda items were taken up.

**Item No. 30.1: To confirm the minutes of the 28<sup>th</sup> and 29<sup>th</sup> Senate meetings held on 5<sup>th</sup> November, 2020 and 11<sup>th</sup> December, 2020 respectively.**

The minutes of 28<sup>th</sup> and 29<sup>th</sup> Senate meetings held on 5<sup>th</sup> November, 2020 and 11<sup>th</sup> December 2020 at IIT Mandi Kamand campus were circulated to members of the Senate on 8<sup>th</sup> December, 2020 and 21<sup>st</sup> December, 2020 respectively (through email) for comments.

One comment was received on the Item No. 28.6 of the minutes of the 28<sup>th</sup> Senate meeting. No comment was received on the minutes of the 29<sup>th</sup> meeting of the Senate from any member.

Considering the comment received, the Senate decided to add the missing course code (i.e EE309) for the Power Electronics course and to change the course code for Digital System Design from EE208 to EE210 in the **Annexure-'D'**; **page no. 20 to 24** (Proposal for Minor Programs in School of Computing and Electrical Engineering) related to item no. 28.6 of the minutes of 28<sup>th</sup> Senate meeting.

With the above mentioned modification, the Senate confirmed the minutes of its 28<sup>th</sup> and 29<sup>th</sup> meetings.

**Item No. 30.2: To receive a Report on the actions taken for the decisions taken in the 28<sup>th</sup> and 29<sup>th</sup> Senate meetings held on 5<sup>th</sup> November, 2020 and 11<sup>th</sup> December, 2020 respectively.**

The Senate noted the actions on the decisions taken in its 28<sup>th</sup> and 29<sup>th</sup> Senate meetings held on 5<sup>th</sup> November, 2020 and 11<sup>th</sup> December, 2020 respectively.

**Item No. 30.3: To consider recommendations of the Committee constituted for planning of the academic activities of Feb-June 2021 semester and Academic Calendar for the year 2021 in view of Covid-19 pandemic.**

The recommendations of the designated committee was presented before the Senate by the Chair of the committee, Dr. A. D. Dileep (**Annexure-'A'**; **page no. 8 to 15**). After detailed deliberations, the Senate resolved the following:

1. To conduct the entire Feb-Jun 2021 semester in online mode.

Instructors will have flexibility to conduct the classes in a hybrid mode considering that some of the students may return to the campus. In the hybrid mode, the students present on campus may be allowed to attend the classes in person following Covid protocols, while those away from the campus would attend the classes online. The dedicated class rooms set up for online teaching at IIT Mandi may be used for the purpose. However, the instructor should ensure that the students attending classes online are not at disadvantage compared to those attending in person.

2. Conduct as many labs. scheduled for Feb-Jun 2021 semester as possible in online mode.
3. In case of 2019 batch B. Tech. students (current 2<sup>nd</sup> year), Academic Session 3 (AS3) shall be used to conduct labs. scheduled in Feb-Jun 2021 semester which require physical presence of the students (assuming that the students will be back on campus by then). Choice will also be given to course instructors to conduct pending lab components either during AS3 or in the following regular semester.

The above shall be applicable for the 2020 batch PG students (current first year) as well.

4. In case of 2018 B.Tech. batch students (current 3<sup>rd</sup> year), the winter break (Dec 2021 to Feb 2022) shall be used to conduct pending labs. scheduled in Feb-Jun 2021 semester which require physical presence of students. Choice will also be given to the course instructors to conduct pending lab. components either during the winter break or in the following regular semester.
5. In case of 2020 batch B. Tech. students (current first year), all pending lab. courses/components of the first year shall be completed in AS3. The recorded lectures of IC courses as provided in AS1 shall be provided in Feb-Jun 2021 semester as well.
6. In case of 2017 batch B.Tech. students (graduating batch), there are no pending lab courses. The PFG shall ensure that backlog courses if any (lab. or theory) shall be completed in online mode.
7. Priority shall be given to graduating batch of B.Tech. students to return to the campus so that they can appear for grade improvement exams in person if they wish.

8. In case of graduating batch of PG students, most of the students are already on campus or shall be returning to the campus by Feb 2021. Therefore, their pending lab. courses shall be completed in person.
9. Execution of B.Tech. Design practicum (DP) course: DP is a unique course at IIT Mandi and has its own learning outputs. During the Feb-Jun 2021 semester, the execution of DP needs to be planned for two batches of B.Tech. students as follows:
  - a. For 2019 batch B.Tech. students (current second year): the DP may begin in online mode and use the AS3 for the components that need physical presence of the students.
  - b. For 2018 batch B. Tech. students (current third year): pending DP activities may be completed during the winter break, as most of the students will be doing internship during AS3. The DP open house may be scheduled in the first or second week of February 2022.
10. ISTP course may be executed in online mode.
11. The Senate approved the detailed Academic Calendar, as given in **Annexure-'B'**; page no. **16 to 18**, for the year 2021.

While discussing this agenda, the Senate appreciated the patience and cooperation shown by the faculty and students to cope up with the situation created due to COVID -19 pandemic.

During the discussions, the Senate also noted a request by some faculty members to reconsider the relaxed attendance criteria due to COVID -19 pandemic. It was noted out that attendance is poor in some courses due to relaxed attendance criteria for online teaching. Senate discussed this matter in detail and decided to continue the relaxed attendance criteria for online teaching as decided earlier.

**Item No. 30.4: To consider modification in the Core Course list for B.Tech. in Engineering Physics Curriculum.**

On the recommendation of the Board of Academics, the Senate considered a proposal for the modification of the Core Course list for B.Tech. in Engineering Physics Curriculum presented by Dr. Pradeep Kumar.

After detailed deliberations, the Senate approved the proposal with modifications. The proposal, as approved by the Senate, is enclosed as **Annexure-'C'**; page no. **19**.

**Item No. 30.5: To consider the proposal for Semester long Internship in B.Tech. program.**

On the recommendation of the Board of Academics, the Senate considered a proposal for Semester long internship in B.Tech. program to be implemented for B.Tech. 2018 batch onwards presented by Dr. Sunny Zafar.

The Senate advised that such internship should not be limited to industry.

After detailed deliberations, the Senate approved the proposal with minor modifications. The proposal, as approved by the Senate, is enclosed as **Annexure-'D'**; **page no. 20 to 24**.

**Item No. 30.6: To consider the proposal for revision of M.Tech. program in Energy Engineering with Specialization in Materials (EEM) to M.Tech. in Materials and Energy Engineering (MEE).**

On the recommendation of the Board of Academics, the Senate considered the proposal for revision and renaming of M.Tech. program in Energy Engineering with Specialization in Materials (EEM) to M.Tech. in Materials and Energy Engineering (MEE) presented by Dr. Sumit Sinha Ray.

After detailed deliberations, the Senate approved the proposal for revision and renaming of the program with minor modifications. The proposal, as approved by the Senate, is enclosed as **Annexure-'E'**; **page no. 25 to 32**. It was also suggested that all the courses mentioned in the approved proposal, which do not have formal Senate approval, should follow the normal course approval process before offering.

**Item No. 30.7: To consider the proposal for revision of M.Tech. program in Mechanical Engineering with Specialization in Energy System (MES) to M.Tech. in Fluid and Thermal Engineering (FTE).**

Although this item was mentioned as a proposal for revision of an existing M. Tech. program in the original agenda, it was clarified to the Senate that the proposal is for introduction of a new program. The Senate agreed to the proposal for introduction of M.Tech. in Fluid and Thermal Engineering (FTE) presented by Dr. Pradeep Kumar.

After detailed deliberations, the Senate approved the introduction of new program. The old program i.e. M.Tech. in Mechanical Engineering with Specialization in Energy System (MES) will also be continued to be offered. The new program proposal, as approved by the Senate, is enclosed as **Annexure-'F'**; **page no. 33 to 38**. It was also suggested that all the courses mentioned in the approved proposal, which do not have formal Senate approval, should follow the normal course approval process before offering.

**Item No. 30.8: To consider the proposal to start a new program M.Tech. in Computer Science and Engineering (CSE).**

On the recommendation of the Board of Academics, the Senate considered the proposal for introduction of M.Tech. in Computer Science and Engineering (CSE), presented by Dr. Manas Thakur.

After detailed deliberations, the Senate approved the new program proposal with minor modifications. The proposal, as approved by the Senate, is enclosed as **Annexure-'G'**; **page no. 39 to 47**. It was also suggested that all the courses mentioned in the approved proposal, which do not have formal Senate approval, should follow the normal course approval process before offering.

**Item No. 30.9: To consider a corrigendum regarding addition to the Medals and Prizes list for 8<sup>th</sup> Convocation.**

The Senate considered the addendum presented by Dr. Suman K. Pal, Chair of the Medals & Prizes Committee for 8<sup>th</sup> Convocation, and approved the award of "*Balasundaram Endowment Prize in German*" to Mr. Hritik Gupta (B16097) as proposed.

**Item No. 30.10: Any other agenda item with the permission of the Chairman, Senate.****(i) Proposal for Addendum on Pass/Fail category courses:**

Dr. Kunal Ghosh presented the proposal for addendum to the norms of Pass/Fail category courses already approved in 24<sup>th</sup> meeting of the Senate. The Senate deliberated on the proposal in detail and approved the following:

- (a) These norms shall be applicable to UG 2018 batch onwards.
- (b) These norms shall be applicable to M.Sc./M.A./I-Ph.D. 2019 batch onwards.
- (c) These norms shall be applicable to M. Tech. 2020 batch onwards.
- (d) Registration of the course credits (*as mentioned in the notification*) having Pass/Fail grade will be compulsory towards the respective degree requirements.
- (e) This is in addition to any Pass/Fail credits already approved in the curriculum.

**Item No. 30.11: To report decisions/action taken by the Chairman, Senate.**

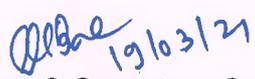
The Senate ratified the decisions taken by the Chairman, Senate on behalf of the Senate, as given in the agenda.

**Item No. 30.12: 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.

S/D  
Chairman, Senate

  
19/03/21  
Registrar & Secretary-Senate