

चौबीसवीं सिनेट बैठक का कार्यवृत्त

**MINUTES OF THE 24<sup>th</sup> SENATE MEETING OF  
IIT MANDI**

**13<sup>th</sup> February, 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**



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

**13<sup>th</sup> February, 2020**

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## INDIAN INSTITUTE OF TECHNOLOGY MANDI

**Minutes of the 24<sup>th</sup> Senate Meeting of IIT Mandi held on 13<sup>th</sup> February, 2020 at 2:00PM in A1 NKN Room, Kamand Campus of IIT Mandi at Kamand.**

The following members were present:

### **In the Chair**

Prof. Timothy A. Gonsalves, Director, IIT Mandi

### **Members:**

Prof. N. Sathyamurthy, Former Director, IISER Mohali & Honorary Professor, JNCASR, Bengaluru (attended through skype)  
Prof. B. D. Chaudhary, Dean (Faculty) & Emeritus Professor, SCEE, IIT Mandi  
Dr. Pradeep C. Parameswaran, Dean (Academics), IIT Mandi  
Dr. Venkata Krishnan, Dean (SRIC & IR), IIT Mandi  
Dr. Vishal Singh Chauhan, Dean (F & A), IIT Mandi  
Dr. Manoj Thakur, Dean (Students) and Course Coordinator, Data Sc & Engg, IIT Mandi  
Dr. Bharat Singh Rajpurohit, Chairperson, SCEE, IIT Mandi  
Dr. Viswanath Balakrishnan, Chairperson, SE, IIT Mandi  
Dr. Syed Abbas, Chairperson, SBS, IIT Mandi  
Dr. Suman Sigroha, Chairperson, SHSS and Course Coordinator HSS Courses, IIT Mandi  
Dr. Anil. K. Sao, Associate Dean (Courses), IIT Mandi  
Dr. Varun Dutt, Associate Dean (International Relations), IIT Mandi  
Dr. Tulika P. Srivastava, Associate Dean (Faculty), IIT Mandi  
Dr. Rahul Vaish, Associate Dean (Research) & Associate Professor, SE, IIT Mandi  
Dr. Samar Agnihotri, Associate Dean (SRIC) and Course Coordinator – M.Tech. Comm. & Signal Processing, IIT Mandi  
Dr. Sandip Kumar Saha, Course Coordinator, M.Tech – Structural Engg., IIT Mandi  
Dr. Amit Jaiswal, Chief Warden, IIT Mandi  
Prof. Venkataraman Ranganathan, Visiting Distinguished Professor, SHSS, IIT Mandi  
Dr. Astrid Kiehn, Chair, Library Advisory Committee (LAC), IIT Mandi  
Mr. Naresh Singh Bhandari, Deputy Librarian, IIT Mandi (in absence of Librarian)  
Dr. Devika Sethi, Assistant Professor, SHSS, IIT Mandi  
Dr. Rik Rani Koner, Coordinator, AMRC, IIT Mandi  
Dr. Prosenjit Mandal, Coordinator, BioX, IIT Mandi  
Dr. Satinder K. Sharma, Co-ordinator, C4FED, IIT Mandi  
Dr. Kunal Ghosh, Chair CPC, IIT Mandi  
Dr. Chayan K Nandi, Course Coordinator – M.Sc. (Chemistry), IIT Mandi  
Dr. Maheshreddy Gade, Course Coordinator, B.Tech - CE, IIT Mandi  
Dr. Rahul Shreshtha, Course Coordinator, B.Tech – EE, IIT Mandi  
Dr. Gaurav Bhutani, Course Coordinator, B.Tech – ME, IIT Mandi  
Dr. Shubhajit Roy Chowdhury, Course Coordinator, Bio Tech (Dual Degree), IIT Mandi  
Dr. Ajay Soni, Course Coordinator, I-PhD & M.Sc. (Physics), IIT Mandi  
Dr. Shyam Kumar Masakapalli, Course Coordinator, M.Tech – Bio-Tech and Assistant Professor, SBS, IIT Mandi  
Dr. Pradeep Kumar (SBS), Course Coordinator, Engg. Phy, IIT Mandi  
Dr. Sumit Sinha Ray, Course Coordinator, M.Tech – EE (M), IIT Mandi

Dr. Pradeep Kumar, Course Coordinator, M.Tech – (Mech. Engg – MES), IIT Mandi  
Dr. Narsa Reddy Tummuru, Course Coordinator, M.Tech – PED, IIT Mandi  
Shri K. K. Bajre, Registrar & Secretary, Senate, IIT Mandi

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

Prof. Sunil R. Kale, Professor, Department of Mechanical Engineering, IIT Delhi  
Prof. Rowena Robinson, Dept. of HSS, IIT Bombay  
Prof. Yvonne Ditrlich, Adjunct Professor, SCEE, IIT Mandi  
Prof. B. Subramanian, Adjunct Professor, SHSS, IIT Mandi  
Prof. Ajit Padmakar Annachattre, Visiting Professor, SE, IIT Mandi  
Prof. Ing Balthasar Novak, Adjunct Professor, SE, IIT Mandi  
Prof. Rajan Kapur, Adjunct Professor, SCEE, IIT Mandi  
Dr. Narendra Krishna karamarkar, Distinguished Adjunct Professor, SCEE, IIT Mandi  
Prof. S. C. Jain, Dean (I&S), IIT Mandi  
Prof. Ramesh Oruganti, Adjunct Professor, SCEE, IIT Mandi  
Prof. Kenneth E. Gonsalves, Distinguished Visiting Professor, SBS, IIT Mandi  
Prof. Subrata Ray, Distinguished Visiting Professor, SE, IIT Mandi  
Dr. Hitesh Shrimali, Chair, SAP and Course Coordinator, M.Tech – EE (VLSI), IIT Mandi  
Dr. Dileep A. D., Course Coordinator, B.Tech – CSE, IIT Mandi  
Dr. Kaustav Sarkar, Assistant Professor, SE, IIT Mandi  
Dr. Aniruddha Chakraborty, Course Coordinator, IC Courses, IIT Mandi  
Dr. Shyamashree Dasgupta, Course Coordinator, M.A Development Studies, IIT Mandi  
Student Research Academic Affairs Secretary, IIT Mandi  
Mr. Anand Ramrakhyani, Student Academic Affairs Secretary, IIT Mandi  
Mr. Aryan Singh, Student General Secretary, IIT Mandi

**In addition, the Senate meeting was also attended by the following faculty/staff members of IIT Mandi as Special Invitees:-**

Dr. Suman Kalyan Pal, Associate Professor, SBS, IIT Mandi  
Dr. Rajendra Kumar Ray, Course Coordinator, MSc. Applied Maths, IIT Mandi  
Dr. Kalpesh Haria, Assistant Professor, SBS, IIT Mandi  
Dr. Puran Singh, Assistant Professor, SHSS, IIT Mandi  
Dr. Subrata Ghosh, Associate Professor, SBS, IIT Mandi  
Dr. Himashu Mishra, Assistant Professor, SCEE, IIT Mandi  
Dr. Gokul Somasekharan, Teaching Fellow, SHSS, IIT Mandi  
Dr. Ramna Thakur, Assistant Professor, SHSS, IIT Mandi  
Dr. Rajeshwari Dutt, Assistant Professor, SHSS, IIT Mandi  
Dr. Neha Kaushik, Assistant Professor, SHSS, IIT Mandi  
Dr. Amit Prasad, Assistant Professor, SBS, IIT Mandi  
Dr. Manas Thakur, Assistant Professor, SCEE, IIT Mandi  
Dr. Adarsh Patil, Assistant Professor, IIT Mandi  
Dr. Sreelakshmi PM, Assistant Professor, SCEE, IIT Mandi  
Dr. Santayan Sarkar, Assistant Professor, SE, IIT Mandi  
Dr. Amit B. Pawar, Assistant Professor, SBS, IIT Mandi  
Dr. Girish Sharma, Assistant Professor, SBS, IIT Mandi  
Dr. Garima Agarwal, Assistant Professor, SBS, IIT Mandi  
Dr. Bhaskar Mondal, Assistant Professor, SBS, IIT Mandi  
Dr. Trayambak Basak, Assistant Professor, SBS, IIT Mandi

Dr. Prasad Kasturi, Assistant Professor, SBS, IIT Mandi  
 Dr. Arnav Bhavsar, Assistant Professor, SCEE, IIT Mandi  
 Dr. Rajesh Ghosh, Assistant Professor, SE, IIT Mandi  
 Dr. Puran Singh, Assistant Professor, SHSS, IIT Mandi  
 Shri Vivek Tiwari, Assistant Registrar (Academics), IIT Mandi

The Chairperson Senate extended a warm welcome to all the Senate members and Special Invitees for attending the 24<sup>th</sup> Senate meeting of the Institute.

At the outset, the Chairperson briefed the Senate about the development of the Institute in last 10 years. He also highlighted the current NIRF ranking of the Institute.

Thereafter, following agenda items were taken up.

**Item No. 24.1: To confirm the minutes of the 23<sup>rd</sup> Senate meeting held on 1<sup>st</sup> October, 2019.**

The Senate confirmed the minutes of its 23<sup>rd</sup> meeting held on 1<sup>st</sup> October, 2019.

**Item No. 24.2: To receive a report on the action taken to implement the decisions of the 23<sup>rd</sup> Senate meeting held on 1<sup>st</sup> October, 2019.**

The Senate noted the action taken on implementation of decisions taken in its 23<sup>rd</sup> meeting held on 1<sup>st</sup> October, 2019.

**Item No. 24.3: To consider the new course proposals recommended by the Course Proposal Committee (CPC) and Board of Academics (BoA).**

The Senate considered and approved the following courses with minor modifications.

Further, while approving the new course proposals, Senate also approved the following changes in courses:

1. Discontinuation of the previous two courses ME 352 and CE 607.
2. The course content for EE 620 has been revised.
3. The course content for BY 517 has been revised.
4. The course content for EE 530 has been revised.

S.No.	Course No.	Course Name	Credits
1.	CE 612	Theory of Plates and Shells	3-0-0-3
2.	ME 513	Finite Element Methods in Engineering	3-0-2-4
3.	HS 554P	Post Graduate Project	0-0-35-23
4.	EE 536	IoT Systems	2-0-2-3
5.	EE 530	Applied Optimization	3-0-0-3
6.	EE 620	Advanced Digital Signal Processing	3-0-0-3
7.	EE 535	Communication and Signal Processing	0-0-4-2

		Systems Design	
8.	IC 230	Environmental Science	3-0-0-3
9.	BY 517	Introduction to Proteomics	3-0-0-3
10.	CY 555	Introduction to Polymer Science & Technology	3-0-0-3
11.	CS 502	Compiler Design	3-0-2-4
12.	CS 549	Performance Analysis of Computer Networks	3-0-0-3

The final course descriptions after incorporating the suggested changes are placed at **Annexure – A, Page No. 6 to 31.**

**Item No. 24.4: To consider modification in B.Tech. (EE) discipline course list.**

On the recommendation of Board of Academics, the Senate considered the proposal for modification in B.Tech. (EE) discipline course list presented by Dr. Shubhajit Roy Chowdhury. After deliberation, the Senate approved the proposal with minor modifications. The proposal, as approved by the Senate is enclosed as **Annexure – B, Page No. 32 to 47.**

**Item No. 24.5: To consider the IC 241 course as compulsory in Science I Basket for B.Tech – M.Tech Integrated Dual Degree in Bio-Engineering.**

On the recommendation of Board of Academics, the Senate considered the proposal for modification in Science - I Basket for B.Tech –M.Tech Integrated Dual Degree in Bio-Engineering presented by Dr. Shubhajit Roy Chowdhury. After detailed deliberation, the Senate approved the proposal. The proposal, as approved by the Senate is enclosed as **Annexure – C, Page No. 48-49.**

**Item No. 24.6: To consider the proposal for some credits as Pass / Fail grade towards the requirement of degree completion.**

On the recommendation of Board of Academics, the Senate considered the proposal for some credits as Pass / Fail grade towards the requirement of degree completion presented by Dr. Anil K Sao, Associate Dean (Courses). After deliberation, the Senate approved the proposal with modifications. The final proposal, as approved by Senate after incorporating the suggested changes is placed at **Annexure – D, Page No. 50.**

**Item No. 24.7: To consider the modification in MS / Ph.D. Ordinances and Regulations:**

On the recommendation of Board of Academics, the Senate discussed the proposal presented by Associate Dean (Research) regarding "Cooling Off" period of minimum three years for student(s) who failed to clear comprehensive examination before consideration for admission to any program of IIT Mandi. The Senate considered and after detailed deliberation suggested that exceptional cases can be handled by Dean (Academics) on case to case basis.

**Item No. 24.8:** To consider proposal on providing financial support for International visit to PhD scholars.

On the recommendation of Board of Academics, the Senate considered the proposal presented by Dr. Rahul Vaish, Associate Dean (Research) for providing financial support to Ph.D. scholars for International visit. After deliberation, it was decided that PhD scholars can be granted consolidated grant for attending conferences, workshops, summer/winter schools, short/long visits to perform experiments etc. It was also decided that assigned grant can be utilized for multiple visits during the program.

This scheme is only valid for full time registered Ph.D scholars. Part time/ERP candidates will not be getting any institute financial support for such visits.

**Item No. 24.9:** To consider the proposal for naming of Library.

On the recommendation of Board of Academics, the Senate considered the proposal presented by Dr. Astrid Kiehn, Chair – Library Advisory Council for naming of Library. After deliberation, some options were suggested by the Senators. The Senate authorized Chairperson, Senate to constitute a committee for suggesting suitable name for the Library.

**Item No. 24.10:** To report decisions/action taken by the Chairperson – Senate.

The Senate noted the decisions taken by the Chairperson, Senate on behalf of the Senate.

**Item No. 24.11:** Issues to be discussed by the Senate without the Student Members being present.

---None---

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



Chairperson, Senate

*DeBane* 27/05/20 -

Registrar & Secretary, Senate