

बीसवी सिनेट बैठक का कार्यवृत्त

**MINUTES OF THE 20th SENATE MEETING OF
IIT MANDI**

2nd April, 2019



भारतीय प्रौद्योगिकी संस्थान मण्डी

कमांद— 175005, हिमाचल प्रदेश

Indian Institute of Technology Mandi

Kamand – 175005, Himachal Pradesh

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



20th SENATE MEETING OF IIT MANDI

2nd April, 2019

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INDIAN INSTITUTE OF TECHNOLOGY MANDI

Minutes of the 20th Senate Meeting of IIT Mandi held on 2nd April, 2019 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. B. D. Chaudhary, Dean (Faculty) & Emeritus Professor, SCEE, IIT Mandi

Prof. Rowena Robinson, Dept. of HSS, IIT Bombay (Attended the meeting through NKN)

Dr. Pradeep Parameswaran, Dean (Academics), IIT Mandi

Dr. Suman Kalyan Pal, Dean (Students), IIT Mandi

Dr. Subrata Ghosh, In-charge Dean (F&A), 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. Rajeshwari Dutt, Chairperson, SHSS, IIT Mandi

Dr. Kunal Ghosh, Chair CPC, IIT Mandi

Dr. Viswanath Balakrishnan, Coordinator, AMRC & Associate Professor, SE, IIT Mandi

Dr. Tulika P. Srivastava, Associate Dean (Recruitment) and Co-ordinator, BioX IIT Mandi

Dr. A. K. Sao, Associate Dean (Course) and Coordinator CIG- M.Tech. Comm. & Signal Processing, IIT Mandi

Dr. Varun Dutt, Associate Dean (International Relations), IIT Mandi

Dr. Samar Agnihotri, Associate Dean(SRIC), IIT Mandi

Dr. Vishal Singh Chauhan, Associate Dean (F & A), 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. Rajendra Kumar Ray, SAP Chair, IIT Mandi

Dr. C. S. Yadav, Chief Warden, IIT Mandi

Dr. Dileep A. D., CIG- CSE, IIT Mandi

Dr. Arpan Gupta, CIG- ME, IIT Mandi

Dr. Satinder K. Sharma, Co-ordinator , C4FED, IIT Mandi

Dr. Rahul Vaish, Associate Dean (Research) & Associate Professor, SE, IIT Mandi

Dr. Ajay Soni, Coordinator CIG-I-PhD (Physics), IIT Mandi

Dr. Aniruddha Chakraborty, Coordinator CIG-M.Sc. (Chemistry), IIT Mandi

Dr. Shubhjit Roy Chowdhury, Coordinator, CIG-EE, IIT Mandi

Dr. Atul Dhar, Coordinator CIG – M.Tech. (Energy Engineering), IIT Mandi

Dr. Kaustav Sarkar, Assistant Professor, SE, IIT Mandi

Dr. Manoj Thakur, Associate Professor, SBS, IIT Mandi

Dr. Shyam Kumar Masakapalli, Assistant Professor, SBS, IIT Mandi

Dr. Devika Sethi, Assistant Professor, SHSS, IIT Mandi

Dr. Suman Sigroha, Assistant Professor, SHSS, IIT Mandi
Mr. Abhishek, Student Academic Affairs Secretary, IIT Mandi
Mr. Param Prabhakar Kashyap, Student General Secretary, IIT Mandi
Dr. Vishal Singh Chauhan, Registrar I/c & Secretary, Senate, IIT Mandi

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

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
Prof. Sunil R. Kale, Professor, Department of Mechanical Engineering, IIT Delhi
Prof. N. Sathyamurthy, Former Director, IISER Mohali & Honorary Professor, JNCASR, Bengaluru
Prof. S. C. Jain, Dean (I&S), IIT Mandi
Dr. Prem Felix Siril, Dean (SRIC), IIT Mandi
Dr. Deepak Swami, CIG- CE, IIT Mandi
Dr. Jaspreet Kaur Randhawa, Coordinator CIG- M.Tech. (Energy Materials), IIT Mandi
Mr. Ashish Tiwari, Student Research Affairs Secretary, IIT Mandi
Shri Parminder Jit, Assistant Registrar (Academics)I/c

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

Dr. Pradeep Kumar, Visiting Assistant Professor, SBS
Dr. Nitu Kumari, Assistant Professor, SBS
Dr. Renu M. Rameshan, Assistant Professor, SCEE
Dr. Rajneesh Giri, Assistant Professor, SBS
Dr. Amit Prasad, Assistant Professor, SBS
Dr. Rajeev Kumar, Associate Professor, SE
Dr. Prosenjit Mondal, Assistant Professor, SBS
Dr. Hari Varma, Associate Professor, SBS
Dr. Kaustav Mukherjee, Assistant Professor, SBS
Dr. Satyajitsinh A. Thakor, Assistant Professor, SCEE

The Chairman Senate extended a warm welcome to all the Senate members and Special Invitees for attending the 20th Senate meeting of the Institute. He also appreciated and thanked Prof. Rowena Robinson, Department of Humanities and Social Sciences, IIT Bombay for her consistent support.

Then the agenda items were taken up.

Item No. 20.1: To confirm the minutes of the 19th Senate meeting held on 13th February, 2019.

The minutes of the 19th Senate meeting held on 13th February, 2019 will be confirmed in the coming Senate meeting.

Item No. 20.2: To receive a Report on the action taken to implement the decisions of the 19th Senate meeting held on 13th February, 2019.

The action taken on implementation of decisions taken in the 19th Senate meeting held on 13th February, 2019 will be implemented / notified.

Item No. 20.3: To consider the new courses recommended by the Course Proposal Committee (CPC) and Board of Academics (BoA).

The Senate approved the following course. The course description are placed at **Annexure – A; Page No. 6 to 8.**

| Sl.No. | Course No. | Course Name | Credits |
|--------|------------|----------------|---------|
| 1 | IC 252 | Data Science 2 | 3-0-2-4 |

Item No. 20.4: To consider the revised proposal of M.Sc. in Applied Mathematics Curriculum.

On the recommendation of the Board of Academics (BoA), the Senate considered the proposal for changes in M.Sc. in Applied Mathematics Curriculum. After deliberations, the senate approved the proposal with minor modifications.

The modified proposal for M.Sc. in Applied Mathematics curriculum is placed at **Annexure – B; Page No. 9 to 12.**

Item No. 20.5: To consider the revised proposal of M. Tech. CSP Curriculum.

On the recommendation of the Board of Academics (BoA), the Senate considered the proposal for changes in M.Tech. CSP Curriculum. After deliberations, the senate approved the proposal with minor modifications.

The modified proposal for M.Tech. CSP curriculum is placed at **Annexure – C; Page No. 13 to 18.**

Item No. 20.6: To consider proposal of semester exchange for M. Tech. (CSP) students.

On the recommendation of the Board of Academics (BoA), the Senate considered and approved the proposal of semester exchange for M.Tech. CSP with some modifications. The senate

suggested to extend the semester exchange option for all the M. Tech. programmes of IIT Mandi,

The modified proposal after incorporating the suggested changes for semester exchange for M.Tech. Program is placed at **Annexure – D; Page No. 19.**

Before taking up the agenda Item Nos. 20.7- 20.9, Dean of Academics, IIT Mandi, gave a brief description of the philosophy behind the B. Tech. programme of IIT Mandi is placed at **Annexure - E; Page No. 20 to 21.**

Item No. 20.7: To consider proposal for “B. Tech. in Data Science and Engineering”.

On the recommendation of the Board of Academics (BoA), the Senate considered the proposal for a new program “B.Tech. in Data Science and Engineering”. After deliberations, the Senate approved the new programme proposal.

The revised version of the proposal after incorporating the suggested changes is placed at **Annexure – F; Page No. 22 to 29.**

The Senate recommended the same to BoG for approval.

Item No. 20.8: To consider proposal for “B. Tech. – M.Tech. Integrated Dual Degree in Bio-Engineering”.

On the recommendation of the Board of Academics (BoA), the Senate considered the proposal for a new program “B.Tech.- M.Tech Integrated Dual Degree in Bio-engineering”.

After due deliberations, the Senate approved the new programme proposal and the revised version of the proposal after incorporating the suggested changes is placed at **Annexure – G; Page No. 30 to 59.**

The Senate recommended the same to BoG for approval.

Item No. 20.9: To consider proposal for “B.Tech. in Engineering Physics”.

On the recommendation of the Board of Academics (BoA), the Senate considered the proposal for a new program “B.Tech.in Engineering Physics”.

After due deliberations, the Senate approved the new programme proposal and the revised version of the proposal after incorporating the suggested changes is placed at **Annexure – H; Page No. 60 to 86.**

The Senate recommended the same to BoG for approval.

Item No. 20.10: Any other agenda items with the permission of the Chairman, Senate.

Student Academic Affairs Secretary made a proposal to consider the industrial internship done in a foreign country towards the B. Tech curriculum requirement. In response to this, it was pointed out that the purpose of industrial internship in IIT Mandi B.Tech curriculum is to give our undergraduate students an exposure to Indian Industry and practices. Therefore, foreign internship may not serve the purpose. However, if sufficient demand and reasons are there for changing the policy, a detailed proposal for the same should be prepared and discussed in Board of Academics (BoA) before further consideration of this matter in Senate.

Item No. 20.11: To report decisions / action taken by the Chairman of the Senate on behalf of the Senate.

The senate noted the decisions taken by the Chairman Senate on behalf of the Senate.

Item No. 20.12: Issues to be discussed by the Board of Academics (BoA) without the student members being present.

None.

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



Chairman, Senate



Registrar I/c & Secretary, Senate



5/6/19