

उन्नीसवीं सिनेट बैठक का कार्यवृत्त

**MINUTES OF THE 19th SENATE MEETING OF
IIT MANDI**

13th FEBRUARY, 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**



19th SENATE MEETING OF IIT MANDI

13th February, 2019

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INDIAN INSTITUTE OF TECHNOLOGY MANDI

Minutes of the 19th Senate Meeting of IIT Mandi held on 13th February, 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. Rajeev Kumar, 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. 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. Dileep A. D., CIG- CSE, IIT Mandi
Dr. Arpan Gupta, CIG- ME, IIT Mandi
Dr. Hari Verma attended the meeting on behalf of 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
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, Emeritus 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. Tulika P. Srivastava, Associate Dean (Recruitment) and Co-ordinator, BioX IIT Mandi
Dr. Satinder K. Sharma, Co-ordinator , C4FED, IIT Mandi
Dr. Rahul Vaish, Associate Dean (Research) & Associate Professor, SE, IIT Mandi
Dr. Deepak Swami, CIG- CE, IIT Mandi
Dr. Ajay Soni, Coordinator CIG-I-PhD (Physics), IIT Mandi
Dr. Jaspreet Kaur Randhawa, Coordinator CIG- M.Tech. (Energy Materials), IIT Mandi
Dr. C. S. Yadav, Chief Warden, IIT Mandi
Mr. Ashish Tiwari, Student Research Affairs Secretary, IIT Mandi
Mr. Param Prabhakar Kashyap, 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. Shyamasree Dasgupta, Assistant Professor, SHSS
Dr. Pradeep Kumar, Visiting Assistant Professor, SBS
Dr. Nitu Kumari, Assistant Professor, SBS
Dr. Renu M. Rameshan, Assistant Professor, SCEE
Dr. Rajneesh Sharma, Assistant Professor, SE
Dr. Sandip Kumar Saha, Assistant Professor, SE
Prof. Ajit P. Annachhatre, Visiting Professor, SE
Shri Suresh Kumar Rohilla, Assistant Registrar (Academics)

The Chairman Senate extended a warm welcome to all the Senate members and Special Invitees for attending the 19th 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. 19.1: To confirm the minutes of the 18th Senate meeting held on 25th October, 2018.

The Senate confirmed the minutes of its 18th meeting held on 25th October, 2018.

Item No. 19.2: To receive a Report on the actions taken to implement the decisions of the 18th Senate meeting held on 25th October, 2018.

The Senate noted the action taken on implementation of decisions taken in its 18th meeting held on 25th October, 2018.

Item No. 19.3: To consider the approval for courses recommended by the Course Proposal Committee (CPC) and Board of Academics (BoA) of the Institute.

The Senate approved the following sixteen courses as presented or with some minor modifications. The final course descriptions after incorporating the suggested changes are placed at **Annexure – A; Page No. 6 to 37.**

| Sl.No. | Course No. | Course Name | Credits |
|--------|------------|---|-----------|
| 1 | CE610 | Analysis and Design for Earthquake Resistant Structures | 3-0-0-3 |
| 2 | CE586P | Mini Project | 0-0-6-3 |
| 3 | CE688P | Post Graduate Project-I | 0-0-24-12 |
| 4 | HS531 | Gender and Development | 3-0-0-3 |
| 5 | HS553P | Field Study | 0-0-8-4 |
| 6 | HS551P | Development Studies Practicum I | 0-0-8-4 |
| 7 | HS552P | Development Studies Practicum 2 | 0-0-8-4 |
| 8 | HS523 | Decision Making for Social Change | 3-0-0-3 |
| 9 | HS550 | Statistical Methods | 3-0-2-4 |
| 10 | PH518P | Post Graduate Project-I | 0-0-6-3 |
| 11 | PH519P | Post Graduate Project-II | 0-0-16-8 |
| 12 | PH605 | Superconductivity | 3-0-0-3 |
| 13 | EE626P | Post Graduate Project-I | 0-0-20-10 |
| 14 | CE611 | Structural Health Monitoring | 3-0-0-3 |
| 15 | CE689P | Post Graduate Project-II | 0-0-34-17 |
| 16 | EE627P | Post Graduate Project-II | 0-0-36-18 |

The following two courses are granted one time approval by the Senate with a suggestion to revise the proposal. The final course descriptions are enclosed as **Annexure – B; Page No. 38 to 41.**

| Sl.No. | Course No. | Course Name | Credits |
|--------|------------|---|---------|
| 1 | CE607 | Finite Element Analysis in Structural Engineering | 3-0-2-4 |
| 2 | EE630P | Independent Study | 0-0-6-3 |

Item No. 19.4: To consider a change in the Course credit for I-Ph.D. (Physics).

On the recommendation of Board of Academics (BoA), the Senate considered the proposal for changes on the course credit re-distribution for I-Ph.D. Program in Physics. After deliberations, the Senate approved the proposal as placed at **Annexure – C; Page No. 42.**

Item No. 19.5: To consider the proposal of modification in M. Tech. CSP Curriculum.

On the recommendation of Board of Academics (BoA), the Senate considered the proposal presented for changes in M.Tech CSP Curriculum. Dr. Renu briefed the Senate that 1 Credit allotted for PGP in summer is shifted to third semester. This was done since evaluating for 1 credit during summer term creating logistical difficulties. The Senate approved the proposal with some modifications. Modified proposal after incorporating the suggested changes is placed at **Annexure – D; Page No. 43 to 48.**

Item No. 19.6: To consider proposal for joining JAM for admitting students in M.Sc. (Applied Mathematics) at IIT Mandi.

Dr. Nitu Kumari, Course Coordinator M.Sc. Applied Mathematics submitted the proposal to admit the students in the programme. After deliberations, the Senate approved the proposal given as under:

- (i) IIT Mandi should join JAM for admitting Students for M.Sc. in Applied Mathematics from 2020 onwards. Request for the same will be submitted to JAM.
- (ii) The eligibility criteria will be as follow:
“The students should have Bachelor’s Degree with Mathematics for at least 2 years/four semesters. Mathematics should be one of the subjects at 10+2 level”.
- (iii) Maximum number of seats should be increased as Senate approved guidelines from 2020 onwards.
- (iv) The actual number admitted in each year and the reservation roster will be decided administratively.

Item No. 19.7: To consider shifting of Academic Activities to North Campus.

On the recommendations of Board of Academics (BoA), the Senate considered the proposed shifting plan of overall activities to North Campus and start functioning by July 2019 as presented by Dr. Anil K. Sao, Associate Dean (Courses). After deliberations, the Senate suggested some changes and approved the shifting plan.

Modified details of predicted strength of students in next two academic years are placed at **Annexure – E; Page No. 49.**

Item No. 19.8: Additional agenda item with the permission of the Chair

With the permission of Chairman, the Senate discussed an additional agenda regarding Institute participation in various surveys for ranking (India Today etc.). The Senate deliberated and advised the Committee that Institute may participate if the survey seems to be useful for the Institute image and ranking. The Institute should follow its' own ideas and ideals with regard to innovative courses and a high reach can be a natural byproduct of such initiatives.

Item No. 19.9: 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.

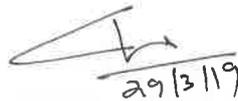
The meeting ended with a vote of thanks to the Chair and to Members.



Chairman, Senate



Registrar I/c & Secretary, Senate



Prepared and checked

