अठारहवीं सिनेट बैठक का कार्यवृत्त

MINUTES OF THE 18th SENATE MEETING OF IIT MANDI

25th OCTOBER, 2018

Indian Institute of Technology Mandi
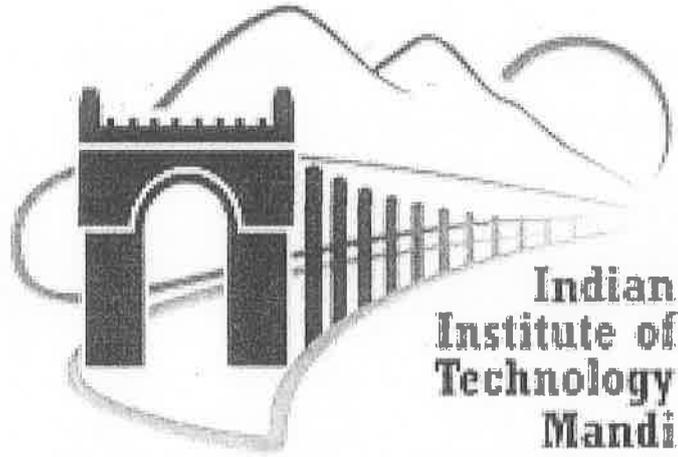
भारतीय प्रौद्योगिकी संस्थान मण्डी
कमांद— 175005, हिमाचल प्रदेश

Indian Institute of Technology Mandi
Kamand – 175005, Himachal Pradesh

INDIAN INSTITUTE OF TECHNOLOGY MANDI
KAMAND, HIMACHAL PRADESH

Indian
Institute of
Technology
Mandi

18th SENATE MEETING OF IIT MANDI

25th October, 2018

Items

INDIAN INSTITUTE OF TECHNOLOGY MANDI

Minutes of the 18th Senate Meeting of IIT Mandi held on 25th October, 2018 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. Ramesh Oruganti, Emeritus Professor, SCEE, IIT Mandi
Prof. Deepak Khemani, Professor (on deputation), SCEE, IIT Mandi
Prof. S. C. Jain, Dean (I&S), IIT Mandi
Dr. Prem Felix Siril, Dean (SRIC), IIT Mandi
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. 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. Rahul Vaish, Associate Dean (Research) & Associate Professor, SE, IIT Mandi
Dr. Samar Agnihotri, Associate Dean(SRIC), IIT Mandi
Dr. Vishal Singh Chauhan, Associate Dean (F & A), IIT Mandi
Mr. Naresh Singh Bhandari, Deputy Librarian, IIT Mandi (in absence of Librarian)
Dr. Satinder K. Sharma, Co-ordinator , C4FED, IIT Mandi
Dr. Rajendra Kumar Ray, SAP Chair, IIT Mandi
Dr. Dileep A. D., CIG- CSE, 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. Suman Sigroha, Assistant Professor, SHSS, 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. Kenneth E. Gonsalves, Distinguished Visiting Professor, SBS, IIT Mandi
Prof. Subrata Ray, Distinguished Visiting Professor, SE, IIT Mandi

Prof. Bhavender Paul Sharma, Adjunct Professor, SHSS, IIT Mandi
Prof. Sunil R. Kale, Professor, Department of Mechanical Engineering, IIT Delhi
Prof. N. Sathyamurthy, Former Director, IISER Mohali & Honorary Professor, JNCASR, Bengaluru (Attended the meeting through NKN)
Prof. Rowena Robinson, Dept. of HSS, IIT Bombay
Dr. Viswanath Balakrishnan, Coordinator, AMRC & Asstt. Professor, SE, IIT Mandi
Dr. Tulika P. Srivastava, Associate Dean (Recruitment) and Co-ordinator, BioX & Associate Dean(Recruitment), IIT Mandi
Dr. Astrid Kiehn, Chair, Library Advisory Committee (LAC), IIT Mandi
Dr. Arpan Gupta, CIG- ME, IIT Mandi
Dr. Deepak Swami, CIG- CE, IIT Mandi
Dr. Atul Dhar, Coordinator CIG – M.Tech. (Energy Engineering), IIT Mandi
Dr. Jaspreet Kaur Randhawa, Coordinator CIG- M.Tech. (Energy Materials), IIT Mandi
Dr. C. S. Yadav, Chief Warden, IIT Mandi
Dr. Kaustav Sarkar, Assistant Professor, SE, IIT Mandi
Dr. Manoj Thakur, Assistant Professor, SBS, IIT Mandi
Dr. Shyam Kumar Masakapalli, Assistant Professor, SBS, IIT Mandi
Dr. Devika Sethi, Assistant Professor, SHSS, IIT Mandi
Mr. Ashish Tiwari, Student Research Affairs Secretary, IIT Mandi
Mr. Abhishek, Student Academic Affairs Secretary, IIT Mandi

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

Dr. Subhamoy Sen, Assistant Professor, SE
Dr. Sunny Zafar, Assistant Professor, SE
Dr. Himanshu Pathak, Assistant Professor, SE
Dr. Rajneesh Sharma, Assistant Professor, SE
Dr. Sandip Kumar Saha, Assistant Professor, SE
Dr. Prosenjit Mondal, Assistant Professor, SBS
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 18th Senate meeting of the Institute. He appraised the members about the successful completion of 3rd HP Science Congress held at IIT Mandi during 21st-23rd October, 2018 in collaboration with HIMCOSTE. The Chairman noted that, in terms of scale, this was the largest academic event held in our campus. About 140 people attended the Pre-Congress tutorials on 21st October, 2018. The Inaugural session on 22nd saw the new Auditorium filled almost to capacity with close to 800 participants. Nearly 400 participants were accommodated on campus. Large numbers stayed until the end on Tuesday, ensuring good attendance in the technical sessions and the two panel discussions. The Chairman congratulated all the organizers from IIT Mandi, especially Prof. Taraphder, Prof S.C. Jain, Dr. Venkata krishnan, Dr. Rajendra Kumar Ray and the construction wing team led by S.E., Mr. Sunil Kapoor. Chairman urged all the faculty members to

confidently bid for other large and more prestigious academic conferences in the future.

Then the agenda items were taken up.

Item No. 18.1: **To confirm the minutes of the 17th Senate meeting held on 31st August, 2018.**

The Senate confirmed the minutes of its 17th meeting held on 31st August, 2018.

Item No. 18.2: **To receive a Report on the actions taken to implement the decisions of the 17th Senate meeting held on 31st August, 2018.**

The Senate noted the action taken on implementation of decisions taken in its 17th meeting held on 31st August, 2018.

Item No. 18.3: **To consider the award of Ph.D., M.S. (by Research), M.Tech., M.Sc. (Chemistry), M.Sc. (Maths) and B.Tech/B.Tech Honours degree to the registered students who have completed all the requirements of the degree:**

The 6th Convocation of the Institute is scheduled to be held on 29th October, 2018 (Monday).

On the recommendations of Board of Academics (BoA), the Senate considered the award of degree to 29 Ph.D., 11 M.S. (by Research), 20 M.Tech., 28 M.Sc. (Chemistry), 11 M.Sc. (Applied Mathematics) and 112 B.Tech. (including 110 from 2014, 01 from 2013 and 01 from 2012 batches) which includes 04 B.Tech. Honours students, who fulfilled all the requirements for the award of the degree during the 6th Convocation.

The summary information with regard to the various degrees is enclosed as **Annexure – A; Page No. 9 to 21.**

Item No. 18.4: **To consider the One Time Approval (OTA)/Approval of the courses as per Senate approved nomenclature for the courses taken by the graduating students:**

a) The Associate Dean (Courses) presented a list of the courses taken by the graduating batch of students for one time approval by the Senate. The Senate considered and granted one time approval to these courses.

b) Further, the courses taken by the students who have undergone Students' Exchange Programmes at Foreign

3

Universities were also considered. The Senate considered and granted approval to these courses as well. On further deliberations, these courses were approved for a period of five years subject to the validity of the MoU with those institutes/universities. In case the MoU expires before a period of 5 years, the approval will also come to an end co-terminus. (The list of the courses under (a) & (b) are enclosed as **Annexure – B; Page No. 22 to 83.**

c) It has been advised by the Senate that the basket details of the courses (especially in the case of core courses) taken by students from foreign universities need to be mentioned along with the course description on our institute website. If any equivalent course exists at IIT Mandi, that information should also be given.

Item No. 18.5: **To consider the Nomenclature and allotment of course codes for Practicum and Practical type courses:**

The Senate considered the recommendations of the BoA Sub-committee regarding the nomenclature and allotment of course codes for Practicum and Practical type courses as under:

1. Practicum and Practical (laboratory) courses:

This proposal is to bring uniformity in the course codes for practical based (Practicum and Practical) courses. The committee proposed to add **P** at the end of course codes of every practical based (Practicum and Practical) courses.

2. Final Year Project for UG Students (B.Tech Project):

The final year B.Tech project is called Major Technical Project (MTP). It is an Elective courses of 8 credits: 3 credits in 7th semester and 5 credits in 8th semester. Currently its course code and nomenclature are as follows: DP401P-Major Technical Project-1 for 7th semester and DP402P-Major Technical Project–2 for 8th semester. MTP is majorly a discipline related project. This proposal is to streamline the course code and the mode of execution. The committee proposed the following:

a. Keep the name as "Major Technical Project (MTP)"
b. Course code should be specific to discipline. Example: CS4xxP, EE4xxP, ME4xxP, CE4xxP etc.
c. As the MTP spans over two semesters, two consecutive course numbers should be given. For example: CS498P-Major Technical Project-1 for 7th semester and CS499P-Major Technical Project–2 for 8th semester.
d. Evaluate and grade MTP in both the semesters.

e. Faculty Advisors (FAs) of respective discipline should ensure that the MTP should have significant components of their respective discipline.

f. For B.Tech Honours, MTP in the respective discipline is compulsory.

g. If the MTP is done completely in other discipline, it will be considered as free elective.

3. Final Year Project for PG Students (M.A./M.Sc/M.Tech Project):

Recently a number of PG courses (M.A. in Development Studies, M.Sc in different science disciplines and M.Tech program in different technical disciplines) are being offered at IIT Mandi. Each of these PG programs has a major project component in the final year/six month. The committee proposed the following guidelines for the course code, nomenclature and mode of execution:

a. Final year projects of M.A./M.Sc/M.Tech will be named as "Post Graduate Project (PGP)"

b. Course code should be specific to the program and should reflect the discipline. Example: PHxxP for Physics, CYxxP for Chemistry, MAxxP for Maths, EExxP for Electrical, (HSxxP) for M.A. in Development Studies etc.

c. Course code for PGP in M.A. and M.Sc program is proposed to be at 5 level. Example: PH5xxP

d. Course code for PGP in M.Tech program is proposed to be at 6 level. Example: EE6xxP, ME6xxP

e. If the PGP spans over two semesters, two consecutive course numbers should be given. Example: EE698P-Post Graduate Project-1 for 3rd semester and EE699P-Post Graduate Project–2 for 4th semester for M.Tech in Communication and Signal Processing.

f. Evaluate and grade PGP in both the semesters (if the project spans 2 semesters).

After deliberations, the Senate approved the proposed nomenclature and allotment of course codes for Practicum and Practical type courses.

Item No. 18.6: **To consider two new courses recommended by the Course Proposal Committee (CPC) and Board of Academics (BoA):**

The Senate approved the following two courses with modifications. The final course descriptions after incorporating the suggested changes are placed at **Annexure – C; Page No. 84 to 88.** .

Sl.No.	Course No.	Course Name	Credits
1	CE587	Industrial/Research Internship	0-0-2-1
2	HS524	India in the 1950s: Biography of a Foundational Decade	3-0-0-3

Item No. 18.7: To consider the proposal for joining JAM for admitting students in M.Sc. (Chemistry) Program at IIT Mandi:

M.Sc. (Chemistry) Course Coordinator had submitted a proposal to select the M.Sc. (Chemistry) students through JAM. After deliberations, the Senate approved the proposal as under:

1. IIT Mandi will join JAM for admitting students in M.Sc. (Chemistry) through JAM from 2019 onwards. Request for the same will be submitted to JAM.
2. The eligibility criteria will be as follows:
   "The students should have studied Chemistry in all semesters (3 years/6 semesters) of the Bachelors' programme and Mathematics at least till their 10+2 level."
3. Maximum number of seats increased to 40 from 2019 onwards.
4. The actual number admitted in each year and the reservation roster will be decided administratively.

Item No. 18.8: To consider the additional recommendations of the Award Committee:

The Senate considered and approved the following recommendations of the Award Committee regarding the eligibility and candidature for awards for all the undergraduate and postgraduate degree programmes from current year onwards:

B.Tech. Programmes:

If the number of graduating students in a particular discipline is less than ten (10), then no overall academic prize (such as the Outstanding Academic Award or Institute Silver Medal) will be awarded.

If the number of graduating students is more than or equal to 10 but less than 15, then the graduating student with the best overall academic performance will be awarded the Outstanding Academic Award in that discipline.

If the number of graduating students is more than or equal to 15, then the graduating student with the best overall academic performance will be awarded the Institute Silver Medal in that discipline.

M.A., M.Tech. and M.Sc Programmes:

If the number of graduating students is less than ten (10), then no overall academic prize (such as the Outstanding Academic Award or Institute Silver Medal) will be awarded.

If the number of graduating students is more than or equal to 10 but less than 20, then the graduating student with the best overall academic performance will be awarded the Outstanding Academic Award in that programme.

If the number of graduating students is more than or equal to 20, then the graduating student with the best overall academic performance will be awarded the Institute Silver Medal in that programme.

Here 'Graduating students' refers to the number of students who have enrolled in final semester of the programme to complete the requirements for the degree.

Considering this decision of the Senate, Nishant Dhiman (V16012) will be awarded Institute Silver Medal: M.Sc. (Chemistry) instead of Outstanding Academic Achievement Award (M.Sc. Chemistry). Accordingly the modified list of the awards is given below:

Sl. No.	Roll. No	Name	Medal Awarded
1	B14113	Muthiyan Neha	President of India Gold Medal *(Joint)*
2	B14133	Siddhant Kumar	
3	B14225	Patel Shravan Rajnarayan	Institute Silver Medal: Computer Science & Engineering
4	B14226	Pulkit Rajgadiya	Institute Silver Medal: Electrical Engineering
5	B14301	Aakashdeep	Institute Silver Medal: Mechanical Engineering
6	B14113	Muthiyan Neha	Rani Gonsalves Memorial Medal
7	V16012	Nishant Dhiman	Institute Silver Medal : M.Sc. (Chemistry)
8	V16045	Bhisham Dev Verma	Outstanding Academic Achievement Award (M.Sc. Applied Mathematics)

Item No. 18.9:   Additional agenda item with the permission of the Chair

1. With the permission of Chairman, the Senate deliberated on an additional agenda item. Dr. Ajay Soni submitted the proposal that the I-Ph.D students are admitted for Ph.D programme, hence they should be treated at par with Ph.D students in terms of conference (national+international) visit, travel entitlements, leave entitlements and allotment of Roll no. etc. The Senate deliberated on the proposal and approved that conference visits, travel entitlement, Ph.D Roll no., Ph.D. leave rules etc. can be allowed for I-Ph.D students from their date of joining at IIT Mandi. Regarding other issues like completing the M.Sc. credit requirements in 02 years, issuing Provisional Certificate for NET/JRF exams etc., the Senate requested CIG to come up with a comprehensive proposal for consideration of Board of Academics (BoA) and Senate.

2. The Student General Secretary raised the issue of final year students missing classes due to placement tests and interviews during class hours. It was clarified that normally this would come within the allowable absence. Students are expected to attend classes except for the actual duration of test/interview. However, the CnP Advisor is requested to examine whether there are any exceptional cases to be given special permission.

Item No. 18.10: **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.

Registrar I/c & Secretary, Senate

Chairman, Senate