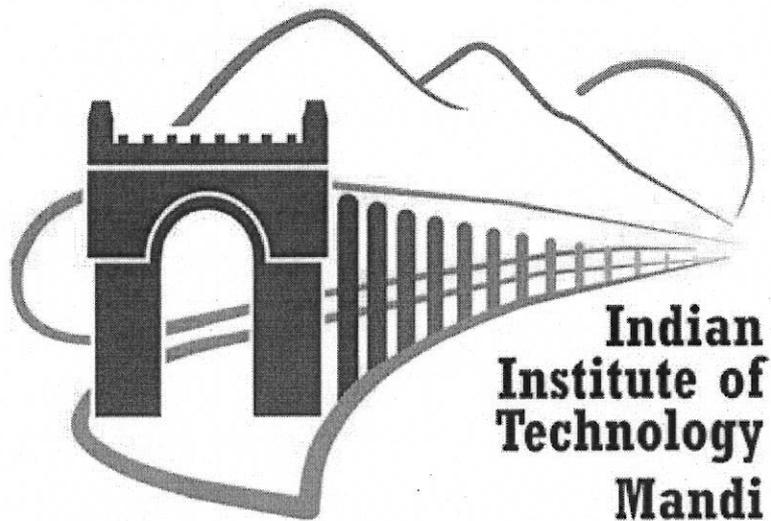


**INDIAN INSTITUTE OF TECHNOLOGY MANDI**  
**KAMAND, DISTT. MANDI – 175005 (HIMACHAL PRADESH)**



**MINUTES OF 22<sup>ND</sup> BOARD OF ACADEMICS MEETING**

VENUE : A-4 CONFERENCE ROOM  
DATE : 05<sup>TH</sup> FEBRUARY, 2018 (MONDAY)  
TIME : 03:00 P.M.

**Following members attended the meeting**

Sl.No.		Name	
1.	Dean Academics	Prof. B.D. Chaudhary	<b>Chairman</b>
2.	Associate Dean (Research)	Dr. Venkata Krishnan	Member
3.	Associate Dean (Courses)	Dr. Pradeep Parameswaran	Member
4.	Chairman Library Advisory Committee	Dr. Astrid Kiehn	Member
5.	Chairman Course Proposal Committee + Course Coordinator M.Sc. (Chemistry)	Dr. Chayan K Nandi	Member
6.	Course Coordinator (IC Courses)	Dr. Aniruddha Chakraborty	Member
7.	Course Coordinator (SHSS Courses) + Nominee (SHSS)	Dr. Shyamasree Dasgupta	Member
8.	Course Coordinator (B.Tech.-CSE)	Dr. Dileep A D	Member
9.	Course Coordinator (B.Tech.-ME)	Dr. Arpan Gupta	Member
10.	Course Coordinator (B.Tech.-CE)	Dr. Deepak Swami	Member
11.	Course Coordinator (M.Tech.-(Power Electronics and Drives))	Dr. Narsa Reddy Tummuru	Member
12.	Course Coordinator (M.Tech.-Biotechnology)	Dr. Shyam K Masakpalli	Member
13.	Course Coordinator (M.Sc.-Applied Maths)	Dr. Nitu Kumari	Member
14.	Course Coordinator (I-Ph.D.(Physics))	Dr. Hari Varma	Member
15.	Nominee-1: School of Engineering	Dr. Rajesh Ghosh	Member
16.	Nominee-2: School of Engineering	Dr. Venkata Uday Kala	Member
17.	Nominee-1: School of Computing & Electrical Engineering	Dr. Kunal Ghosh	Member
18.	Nominee-1: School of Basic Sciences	Dr. Syed Abbas	Member
19.	Research Affairs Secretary	Ms. Manushree	Member
20.	Assistant Registrar (Academics): Secretary	Mr. Suresh Rohilla	Secretary



**Following members could not attend the meeting**

1.	Course Coordinator (B.Tech.-EE)	Dr. Subashish Datta	Member
2.	Course Coordinator (M.Tech.- (Energy Engg. (Materials)) +Course Coordinator (M.Tech.- (Mechanical Engg. (Energy Systems)))	Dr. Atul Dhar	Member
3.	Course Coordinator (M.Tech.-(VLSI))	Dr. Satinder Sharma	
4.	Course Coordinator (M.Tech.-(Communication and Signal Processing))	Dr. Renu M Rameshan	
5.	Course Coordinator (M.Sc.-Physics)	Dr. Chander Shekhar Yadav	
6.	Nominee-2: School of Computing & Electrical Engineering	Dr. Aditya Nigam	
7.	Nominee-2: School of Basic Sciences	Dr. Prosenjit Mondal	
8.	Nominee-1: School of Humanities & Social Sciences	Dr. Ashok Kumar	
9.	Industry Member - 1	Dr. Nadeem Akhtar	
10.	Academic Affairs Secretary	Mr. J Raghunath	

**Special Invitee**

1.	Dr. Bharat Singh Rajpurohit	Asso. Prof, SCEE	Chairperson, Sub Committee
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## PART-A

### (Issues discussed by the Board of Academics when the Student Members were present)

#### **22.1 Confirmation of minutes of the 19<sup>th</sup>, 20<sup>th</sup> & 21<sup>st</sup> meetings of Board of Academics:**

The minutes of the 19<sup>th</sup>, 20<sup>th</sup> and 21<sup>st</sup>BoA meetings held on 16<sup>th</sup> November, 01<sup>st</sup> and 14<sup>th</sup> December 2017 respectively were confirmed.

#### **22.2 To deliberate on quorum for BoA meetings:**

The BoA deliberated on the guidelines as notified vide IIT Mandi/RO-01/2018/9806-09 dated 17.01.2018 regarding quorum to be maintained for various committees' meetings. The Board decided to have its quorum to ½ of the total size. Further, in case too many members are on leave so that a quorum is not possible and the matter(s) cannot wait until they return, the Chair may co-opt replacement members.

#### **22.3 To consider Conversion of 'B.Tech. To Dual M.Tech.' and 'M.Tech. To Ph.D.'**

Dr. Bharat Singh Rajpurohit had presented the proposed guidelines for conversions of B.Tech to Dual M.Tech. and M.Tech. to Ph.D in 17<sup>th</sup>BoA meeting held on 25.5.2017. The Board had deliberated the proposals in details and constituted a Sub-Committee under the Chairmanship of Dr. Bharat Singh Rajpurohit to revise the proposals. Suggestions of the Board were relooked by the committee and a modified proposal was presented. Salient features of the proposal are as follows:

(i) For B.Tech to Dual M.Tech conversion:

- (a) BoA had suggested that for dual degree programme, prescribing only 36 additional credits are less.

Response: Additional credits requirement has been increased to 45. However, any extra course credits earned during B.Tech. Program beyond what is required for the B.Tech./B.Tech. (Honours) degree, up to a maximum of 12 credits, may be counted towards course credit requirements for M.Tech. degree. In addition, to ensure quality input, CGPA requirement has been increased to 8 from 7.5

- (b) To allow conversion after 5th sem. till start of eighth semester.

Response: The Committee did not agree. The option to convert will be given at the end of the sixth semester (after grades are announced) till the beginning of the eighth semester (by course add/drop deadline). Conversion after add/drop deadline in the eight semester will not be allowed.

- (ii) For M.Tech to Ph.D. conversion:

- (i) How to ensure that only quality students are converted ?

Response: To ensure quality input, CGPA requirement has been increased to 8 from 7.5

The BoA acknowledged the efforts put in to finalize the guidelines and considered the proposal. The BoA decided to recommend the modified guidelines placed at Annexure-“A” to the Senate for consideration and approval along with modification in M.Tech & Ph.D Ordinances, if any.

#### 22.4 To accept Ph.D students under Prime Minister’s Research Fellowship Scheme

The BoA deliberated on the guidelines for ‘Prime Minister’s Research Fellowship’ to be implemented from this year. The Board decided to recommend enrolment in Ph.D degree programme of a candidate nominated under Prime Minister’s Research Fellowship scheme without any further selection process. The minimum eligibility requirements in the PMRF guidelines (such as 8 CGPA) conform to the Institute’s eligibility requirements. Further, it was also decided to recommend to the Senate the necessary modifications required in Ph.D Ordinances for it’s approval in the context of above scheme.

#### 22.5 To Any other item with the permission of the Chair

In addition to the circulated agenda points, Chairperson BoA permitted to take up the following two issues:

- (i) To consider approval of courses presented by CPC:

The Chairperson CPC presented following 01 Course for consideration of BoA:

Sl. No.	Course No.	Course Title	Credits L-T-P-C	Proposed by	School
1	ME 512	Advanced Engineering Mathematics	3-1-0-4	Dr. Pradeep Kumar	SE

The BoA discussed the revised proposal submitted for ME-512 and did not recommend the same.

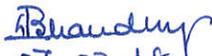
- (ii) To consider uploading of Technical Reports on Institute depository:

The Chairperson LAC requested to reconsider the recommendations of 18<sup>th</sup>BoA regarding uploading of technical reports on Institutional Open Access Repository. The Board deliberated on the submitted proposal and decided to recommend uploading of technical reports voluntarily submitted by the Authors without further scrutiny as below:

- (a) An extended or full version of a conference paper.
- (b) A research paper which the author would like to disseminate before or after acceptance for a conference or journal.
- (c) A project report (supported with seed grant, funded by DBT/DST etc.)

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

  
Secretary, Board of Academics

  
07.02.18

Chairman, Board of Academics

## **B.Tech./B.Tech (Honours) to M.Tech./Ph.D.**

### **Proposed: Conversion Rules and Regulations**

#### **(i) B.Tech/B.Tech (Honours) to M.Tech.**

1. The duration of the dual degree programme is 5 years from the time the student enters IIT Mandi. Both degrees (B.Tech. and M.Tech.) will be awarded at the end of the fifth year subject to satisfying necessary credit requirements.
2. All students that convert will be given MHRD HTRA in fifth year which is on par with that given to students of M.Tech. program.
3. The option to convert will be given at the end of the sixth semester (after grades are announced) till the beginning of the eighth semester (by coursework add/drop deadline).
4. Conversion after add/drop in the eighth semester will not be allowed.
5. Only students with no backlogs or incomplete grades are eligible.
6. Only students with a CGPA of 8 or better are eligible. For Honours students, the same CGPA rules apply even after conversion to receive a B.Tech. (Honours) + M. Tech. degree.
7. A formal application with a supporting letter from the Faculty Advisor must be made.
8. The candidates will appear for a technical interview with a panel of expert nominated and headed by the School Chair.
9. For students with CGPA less than 8 at the end of sixth or seventh semesters:
  - (a) Conversion is not possible.
  - (b) Interested students are encouraged to appear for GATE for admission to the regular M.Tech. programme.
10. A total of 45 credits (5 or above level) must be completed (in addition to regular B.Tech./B.Tech. (Honours) requirements) to be awarded a dual degree M.Tech.
11. Any extra course credits earned during B.Tech. programme beyond what is required for the B.Tech./B.Tech. (Honours) degree, upto a maximum of 12 credits, may be counted towards course credit requirements for M.Tech. degree.
12. The credit requirement into coursework and dissertation is as per the individual streams awarding the degree. However following requirements should also be fulfilled:
  - (a) All coursework must ideally be completed within the fifth year.
  - (b) Core courses in the stream of specialization must be completed.
  - (c) Credit required for dissertation in the stream of specialization must be completed.
  - (d) The Faculty Advisor can use his/her discretion in deciding coursework.
  - (e) In case the student decides to leave prior to completing the M.Tech. degree requirements, he/she may be awarded a B.Tech/B.Tech (Honours) degree provided all the necessary credit requirements are complete.



**(ii) M.Tech.to Ph.D.**

1. Option to convert will be given any time after the completion of the first year and before course add/drop deadline in the fourth semester.
2. Only students with a CGPA of 8 or better are eligible.
3. Only students with no backlogs or incomplete grades are eligible.
4. A formal application with a supporting letter from the Faculty Advisor and Dissertation Advisor (if assigned) must be made.
5. The candidates will appear for a technical interview with a panel of expert nominated and headed by the School Chair.
6. The date of start of Ph.D. registration will be from the date of registration of their M.Tech. Program.
7. For those students with a B.Tech. degree, their initial scholarship will be Rs. 25000/- till the Scholar clears the comprehensive examination and get converted from JRF to SRF whichever is earlier. For the forthcoming period until his/her 5<sup>th</sup> year of registration, the scholarship will be increased to Rs. 28,000/- (If the rates of Ph.D. Scholarships are revised further by funding agency, the amounts indicated are to be changed accordingly).
8. The date of the Ph.D. scholarship will be counted from the date of conversion.
9. Only one degree i.e. PhD degree will be awarded at the end of the program subject to successful fulfillment of all PhD program requirements.
10. In case the student decides to leave at the end of the second/third year, he/she may be awarded a M.Tech. degree provided all the appropriate credit requirements are completed.

