इकत्तीसवीं सिनेट बैठक का कार्यवृत्त

MINUTES OF THE 31ˢᵗ SENATE MEETING OF IIT MANDI

10ᵗʰ JUNE, 2021

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

Indian
Institute of
Technology
Mandi

31st SENATE MEETING OF IIT MANDI

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INDIAN INSTITUTE OF TECHNOLOGY MANDI

Minutes of the 31st Senate Meeting of IIT Mandi held on 10th June, 2021 at 04:00 PM in A1 NKN Room, IIT Mandi, Kamand.

The following were present:

In the Chair

Prof. Ajit K. Chaturvedi, Director, IIT Mandi

Members:

Prof. N. Sathyamurthy, Former Director, IISER Mohali & Hon. Prof., JNCASR, Bengaluru
Prof. Rowena Robinson, Deptt. of HSS, IIT Bombay
Prof. Subrata Ghosh, Professor, SBS, IIT Mandi
Prof. Prem Felix Siril, Professor, SBS, Dean (Faculty) & Associate Dean (Faculty), IIT Mandi
Prof. Suman Kalyan Pal, Professor & Chairperson (SBS), IIT Mandi
Prof. Chayan K. Nandi, Professor, SBS, & Associate Dean (Research), IIT Mandi
Prof. Pradeep C. Parameswaran, Professor, SBS, IIT Mandi
Dr. Rahul Vaish, Dean (Academics). IIT Mandi
Dr. Vishal Singh Chauhan, Dean (F & A), IIT Mandi
Dr. Venkata Krishnan, Dean (SRIC & IR), IIT Mandi
Dr. Bharat Singh Rajpurohit, Dean (I&S), IIT Mandi
Dr. Manoj Thakur, Dean (Students), IIT Mandi
Dr. Samar Agnihotri, Chairperson, SCEE, IIT Mandi
Dr. Viswanath Balakrishnan, Chairperson, SE, IIT Mandi
Dr. Shyamasree Dasgupta, Chairperson, SHSS, IIT Mandi
Dr. Prosenjit Mondal, Co-ordinator, BioX Centre, IIT Mandi
Dr. Satinder K. Sharma, Co-ordinator, C4DFED, IIT Mandi
Dr. Rik Rani Koner, Co-ordinator, AMRC, IIT Mandi
Dr. Rajeev Kumar, Associate Professor (SE), IIT Mandi
Dr. Srikant Srinivasan, Associate Dean (Courses), IIT Mandi
Dr. Aditi Halder, Associate Professor, SBS, IIT Mandi
Dr. Sunny Zafar, Assistant Professor, SE, IIT Mandi
Dr. Puran Singh, Assistant Professor, SHSS, IIT Mandi
Dr. Qaiser Jahan, Assistant Professor, SBS, IIT Mandi
Dr. Gopi Shrikanth Reddy, Assistant Professor, SCEE, IIT Mandi
Dr. Amit Jaiswal, Chief Warden, IIT Mandi
Dr. Astrid Kiehn, Chair, Library Advisory Committee (LAC), IIT Mandi
Mr. Naresh Singh Bhandari, Deputy Librarian, IIT Mandi
Shri K. K. Bajre, Registrar & Secretary-Senate, IIT Mandi

Invitees:

Dr. Arnav Bhavsar, Associate Dean (SRIC), IIT Mandi
Dr. Kaustav Sarkar, Associate Dean (Infrastructure), IIT Mandi
Dr. Devika Sethi, Associate Dean (International Relations), IIT Mandi
Dr. Kala V. Uday, Chair, CPC, IIT Mandi
Dr. Anil Kumar Sao, Associate Professor, SCEE, IIT Mandi
Dr. Dileep A. D., Associate Professor, SCEE, IIT Mandi

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Dr. Ajay Soni, Associate Professor, SBS, IIT Mandi
Dr. Varun Dutt, Associate Professor, SCEE & SHSS, IIT Mandi
Dr. Arpan Gupta, Associate Professor, SE, IIT Mandi
Dr. Hitesh Shrimali, Associate Professor, SCEE, IIT Mandi
Dr. Shubhajit Roy Chowdhury, Associate Professor, SCEE, IIT Mandi
Dr. C. S. Yadav, Associate Professor, SBS, IIT Mandi
Dr. Nitu Kumari, Associate Professor, SBS, IIT Mandi
Dr. Muslim Malik, Associate Professor, SBS, IIT Mandi
Dr. Tulika Srivastava, Associate Professor, SBS, IIT Mandi
Dr. Rajendra Kr. Ray, Associate Professor, SBS, IIT Mandi
Dr. Atul Dhar, Associate Professor, SE, IIT Mandi
Dr. Dericks Praise Shukla, Associate Professor, SE, IIT Mandi
Dr. Shyam Kumar Masakapalli, Associate Professor, SBS, IIT Mandi
Dr. Trayambak Basak, Assistant Professor, SBS, IIT Mandi
Dr. Bhaskar Mondal, Assistant Professor, SBS, IIT Mandi
Dr. Amit Prasad, Assistant Professor, SBS, IIT Mandi
Dr. Rahul Shrestha, Assistant Professor, SCEE, IIT Mandi
Dr. Narsa Reddy Tummuru, Assistant Professor, SCEE, IIT Mandi
Dr. Manas Thakur, Assistant Professor, SCEE, IIT Mandi
Dr. Adarsh Patel, Assistant Professor, SCEE, IIT Mandi
Dr. Ashutosh Kumar, Assistant Professor, SE, IIT Mandi
Dr. Rajeshwari Dutt, Assistant Professor, SHSS, IIT Mandi
Dr. Tushar Jain, Assistant Professor, SCEE, IIT Mandi
Dr. Swati Sharma, Assistant Professor, SE, IIT Mandi
Dr. Sayantan Sarkar, Assistant Professor, SE, IIT Mandi
Dr. Sandip Kumar Saha, Assistant Professor, SE, IIT Mandi
Dr. Neha Kaushik, Assistant Professor, SHSS, IIT Mandi
Dr. Garima Agrawal, Assistant Professor, SBS, IIT Mandi
Dr. Sriram Kailasam, Assistant Professor, SCEE, IIT Mandi
Dr. Rameshwar Pratap, Assistant Professor, SCEE, IIT Mandi
Dr. Moumita Das, Assistant Professor, SCEE, IIT Mandi
Dr. Himanshu Misra, Assistant Professor, SCEE, IIT Mandi
Dr. Baskar Bakthavachalu, Assistant Professor, SBS, IIT Mandi
Dr. Pratim Kundu, Assistant Professor, SCEE, IIT Mandi
Dr. Satyajit Thakor, Assistant Professor, SCEE, IIT Mandi
Dr. Prasad Kasturi, Assistant Professor, SBS, IIT Mandi
Dr. Pradeep Kumar, Assistant Professor, SE, IIT Mandi
Dr. Pradeep Kumar, Assistant Professor, SBS, IIT Mandi
Dr. Srikanth Sugavanam, Assistant Professor, SCEE, IIT Mandi
Dr. Prateek Saxena, Visiting Assistant Professor, SE, IIT Mandi
Mr. Arnav Prasad, Student Academic Affairs Secretary, IIT Mandi (Special Invitee)
Mr. Sachit Yadav, Student General Secretary, IIT Mandi (Special Invitee)
Mr. Pawan Kumar Mandal, Student Research Affairs Secretary, IIT Mandi (Special Invitee)
Shri Vivek Tiwari, Assistant Registrar (Academics), IIT Mandi also attended the meeting.

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

Prof. Ramesh Oruganti, Adjunct Professor, SCEE, IIT Mandi
Prof. Sunil R. Kale, Professor, Department of Mechanical Engineering, IIT Delhi

Prof. Rajan Kapur, Adjunct Professor, SCEE, IIT Mandi
Prof. Yvonne Ditrrich, Adjunct Professor, SCEE, IIT Mandi
Prof. Ajit Padmakar Annachattre, Visiting Professor, SE, IIT Mandi
Prof. Ing. Balthasar Novak, Adjunct Professor, SE, IIT Mandi
Prof. Sumant Nigam, Visiting Distinguished Professor, SE, IIT Mandi
Prof. Kenneth E. Gonsalves, Distinguished Visiting Professor, SBS, IIT Mandi
Prof. Subrata Ray, Distinguished Visiting Professor, SE, IIT Mandi
Prof. Tarun Kant, Visiting Distinguished Professor, SE, IIT Mandi
Prof. S. C. Jain, Emeritus Professor, SE , IIT Mandi
Dr. Nadeem Akhtar, M/s Arista Networks

The Chairman Senate extended a warm welcome to all the Senate members and Invitees attending the 31ˢᵗ Senate meeting of the Institute.

Thereafter, following agenda items were taken up.

Item No. 31.1: **To confirm the minutes of the 30ᵗʰ Senate meeting held on 3ʳᵈ February, 2021.**

The minutes of the 30ᵗʰ Senate meeting held on 3ʳᵈ February, 2021 at IIT Mandi Kamand Campus were circulated to members of the Senate on 19ᵗʰ March, 2021 (through email) for comments.

Three comments were received on the minutes of the 30ᵗʰ Senate meeting about:

i) Inclusion of ME504 in the curriculum of M.Tech. (Fluid and Thermal Engineering):

It was noted that this did not figure in the agenda.

ii) Inclusion of Academic Internship: For semester long internship:

The Faculty Advisor for Career and Placement Cell presented the revised proposal for semester long internship for students of B.Tech./B.Tech.- M.Tech. Integrated Dual Degree programme, incorporating the suggestions made during senate meeting held on 10.06.2021, placed as **Annexure A, Page No. 9 to 13.**

With revised scheme for semester long internship, the Senate confirmed the minutes of the 30ᵗʰ meeting.

Item No. 31.2: **To receive report on the actions taken for the decisions taken in the 30ᵗʰ Senate meeting held on 3ʳᵈ February, 2021.**

The Senate noted the actions on the decisions taken in its 30ᵗʰ meeting held on 3ʳᵈ February, 2021.

Item No. 31.3: **To consider the modification of course execution during the remainder of the Feb-June 2021 semester, upcoming summer (June-Aug 2021/AS3), grade change exams., and to declare Aug – Dec 2021 as online semester.**

Dr. Srikant Srinivasan, Associate Dean (Courses), presented the

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updated plan for conduction of courses and exams, in view of recently increased impact of COVID-19. The Senate noted that due to the ten (10) days halt in academic activities from May 7 – 16, 2021 six working days were lost. These lost days were compensated by utilizing two subsequent Saturdays and extending the semester by 4 days. After detailed deliberations, the Senate approved the following:

i) The summer term 'AS3' and the subsequent Aug-Dec 2021 semester are declared as online semesters and the courses to be offered should be planned accordingly, to ensure that they can be successfully executed in online mode.

ii) Hands-on activity that was earlier proposed during summer term is deferred and be replaced by short courses (e.g. 1-credit) or used for the completion of pending portions of earlier courses. PFG chairs and/or course instructors shall communicate the plan to the Academics office and take prior approval.

iii) During the current semester, several students residing in different part of the nation are facing COVID related challenges at different times. As the students often end up taking a break of 1 – 2 weeks, the attendance shall not have any contribution towards the grade. Further, students will be provided an opportunity to make up for their missed exams. through grade-change exam during the summer term.

iv) The execution of the summer term shall be as follows:

- Students will have the opportunity to avail 'grade-change' exams. from July 15 to July 30, 2021.

- Earlier, Senate notifications permitted the students to attempt the grade-change exams. in person. However, as the return of the students seems uncertain in near future and the courses eligible for grade-change exams. have been accumulating over 3 semesters, it is decided to complete all the pending grade-change exams in online mode.

- One month duration from June 16-July 15, 2021 will be available for students to prepare for the subjects for grade-change. After availing the online grade-change exam., no further grade-change exam. related to the same course will be permitted.

- The format of the grade-change exam. (written/ viva/ other online means) and syllabus will be determined by the course instructor and informed to the students.

- Grade-change exam. can be used to replace any one or more exam components of the course at the discretion of the instructor (e.g. some students may have missed or have had internet connectivity issues with quiz 1, others with quiz 2 or the final exam). The weightage given to grade-change exam. should be between 25% to 50% of overall course marks. In rare cases, where an exception is required due to the course format, the AD (courses) may be approached by the course instructor.

- The branch change for the B.Tech. first year students will be processed after taking into account the results of the

grade-change exam.

v) For the graduating batch of students, the grade-change exams. will be conducted in online mode from June 22 to June 24, 2021. The grade obtained therein will be considered as the final grade.

Item No. 31.4: **To consider the provision of making curricular internship optional for the B.Tech. 2018 / M.Tech 2020 students and the concomitant relaxation in credit requirements for B.Tech. 2018 (and B.Tech. 2017) and/M.Tech 2020 (and M.Tech 2019) batches of students.**

Dr. Srikant Srinivasan, Associate Dean (Courses), presented the proposal of making the curricular internship optional for the B.Tech. 2018 students and M.Tech. 2020 students due to the COVID-19 situation. It was noted that a similar option was provided to students of B.Tech. 2017 and M.Tech. 2019 students.

After due deliberations, the Senate resolved to approve the proposal to keep internship optional for the B.Tech. 2018 students and M.Tech. 2020, where students have not been able to complete internship. Accordingly, the credit requirements for graduation stands reduced to account for the waived internship credits in such cases, as given below:

Programme	Existing Credit Requirements	Revised Credit Requirements
UG (B.Tech.)	160-162	158-160
PG (M.Tech.)	70-72	69-71

Item No. 31.5: **To consider the modification in Core Course list for B.Tech. Data Science and Engineering.**

Dr. Manoj Thakur, Course Coordinator for B.Tech. in Data Science and Engineering, presented the proposal for modification in the Core Course list of Data Science and Engineering. After due deliberation, the Senate approved the proposal, placed as **Annexure B, Page No. 14.**

Item No. 31.6: **To record the closure of M.Tech. in Electrical Engineering with specialization in VLSI programme.**

Dr. Hitesh Shrimali, programme coordinator for M.Tech. in VLSI programme presented the proposal to record closure of 'M.Tech. in Electrical Engineering with specialization in VLSI' programme with the institution of the 'M.Tech. in VLSI' programme in August, 2018.

The Senate noted.

Item No. 31.7: **To consider the revised proposal for Independent Study Course.**

Dr. Sandip Kumar Saha, coordinator of the Committee constituted to formulate Independent Study course presented the proposal.

After due deliberations, the Senate resolved to approve the proposal with minor modifications. The Chairman, Senate suggested that the academic section should develop a common mechanism for approval of pass/fail courses, including Independent Study course, placed as **Annexure-C, Page No. 15 to 16.**

Item No. 31.8: **To consider revision in the curriculum for B.Tech.- M.Tech. Integrated Dual Degree in Bio-Engineering programme.**

Dr. Shubhajit Roy Chowdhury, course coordinator for B.Tech.-M.Tech. Integrated Dual Degree in Bio-Engineering programme presented a proposal regarding revision in the curriculum for the IDD (Bio-engineering) programme.

After deliberations, the Senate approved the proposal with minor modifications, placed as **Annexure-D, Page No. 17 to 18.**

Item No. 31.9: **To consider procedure and norms for approval of the courses.**

Dr. Uday V. Kala, Chair – Course Proposal Committee (CPC) presented the proposal regarding Course Proposal Process. After detailed discussion, the Senate approved the proposal with minor modifications, placed as **Annexure-E, Page No. 19 to 21.**

Further, the Senate decided that henceforth, all the courses shall be approved through revised process only.

Item No. 31.10: **To consider the modification in M.Tech. in Computer Science and Engineering (CSE) programme.**

Dr. Sriram Kailasam, programme Coordinator for M.Tech. in Computer Science and Engineering (CSE) programme presented the proposal to amend the Eligibility criteria for the M.Tech. in CSE.

After detailed discussion, the Senate resolved to approve the following revision in the eligibility criteria:

'Candidates who have qualified for the award of a Bachelor's degree in Engineering (B.E.) / Technology (B.Tech.) or equivalent from a recognized University/Institute with minimum 60% (or 6.0 CGPA), and who have qualified and have a valid score in Graduate Aptitude Test in Engineering (GATE) in Computer Science and Engineering are eligible to apply for admission to this program'.

Item No. 31.11: **To consider relaxation in norms regarding minimum residential requirement for MS/PhD (Part-Time/ERP) Scholars due to COVID-19.**

Prof. Chayan Kanti Nandi, Associate Dean (Research) presented the proposal regarding relaxation in the Residential requirements for Part-

Time/ ERP scholars registered under MS/PhD programme due to Covid-19 pandemic.

Following a brief discussion, the Senate resolved to approve relaxation in norms as follows:

'MS/PhD (Part Time/ERP) scholars who have already completed minimum course work requirements during online semesters between February 2020 - June 2021, the requirement for residential semester be waived.

However, starting Aug 2021, the Part Time/ERP scholars need to complete the residential semester requirement in single or multiple visits adding up to at least 16 weeks on campus (i.e. equivalent to one semester).'

Item No. 31.12: **Any other agenda item with the permission of the Chairman, Senate.**

None.

Item No. 31.13: **To report decisions/action taken by the Chairman, Senate.**

The Senate ratified the decisions taken by the Chairman, Senate on behalf of the Senate, as given in the agenda.

Item No. 31.14: **Issues to be discussed by the Senate without Student Members being present.**

None.

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

08/07/21

Registrar & Secretary-Senate

Chairman, Senate 9/7/21