



राष्ट्रीय प्रौद्योगिकी संस्थान हमीरपुर

हमीरपुर (हि.प्र.) – 177 005 (भारत)

[भारत सरकार शिक्षा मंत्रालय के तहत एक राष्ट्रीय महत्व का संस्थान]

NATIONAL INSTITUTE OF TECHNOLOGY HAMIRPUR

HAMIRPUR (H.P.) - 177 005 (INDIA)

[An Institute of National Importance under Ministry of Education (Shiksha Mantralaya)]



The Minutes of 37th Meeting of the SENATE held in the Conference Hall, Administrative Block, NIT Hamirpur on 18th October, 2022 at 11:00 AM.

The following participated in the Meeting:

1.	Prof. Hiralal Murlidhar Suryawanshi Director, NIT Hamirpur.	Chairman, Senate	director@nith.ac.in
2.	Prof. Subrata Ghosh Professor, Chemistry Department, IIT Mandi.	Member	subrata@iitmandi.ac.in
3.	Prof. Anoop Kumar Professor, Mechanical Engineering Department	Member	anoop@nith.ac.in
4.	Prof. Ashwani Kumar Professor, Electrical Engineering Department	Member	ashchandelin@nith.ac.in
5.	Prof. Bhanu Marwaha Professor, Architecture Department	Member	bhanu@nith.ac.in
6.	Prof. Narinder Singh Thakur Professor, Mechanical Engineering Department	Member	nsthakur@nith.ac.in
7.	Prof. Rakesh Kumar Dutta Professor, Civil Engineering Department	Member	rkd@nith.ac.in
8.	Prof. (Ms.) Rajeevan Chandel Professor, Electronics & Communication Engineering Department,	Member	rchandel@nith.ac.in
9.	Prof. Ram Naresh Sharma Professor, Electrical Engineering Department	Member	rnaresh@nith.ac.in
10.	Prof. Raman Parti Professor, Civil Engineering Department	Member	ramanp@nith.ac.in
11.	Prof. Ravi Kumar Professor, Materials Science & Engineering Department	Member	ranade65@nith.ac.in
12.	Prof. Sunand Kumar Professor, Mechanical Engineering Department	Member	sunand@nith.ac.in
13.	Prof. Vinod Kumar, Professor, Electronics & Communication Engineering Department	Member	kapoor@nith.ac.in
14.	Prof. Yogeshwar Dutt Sharma Professor, Mathematics & Scientific Computing Department	Member	yds@nith.ac.in
15.	Dr. Yogesh Gupta, Registrar, NIT Hamirpur	Secretary, Senate	registrar@nith.ac.in

Special Invitees:

1.	Prof. Rakesh Kumar Dutta, Professor	Head, DoChE	head.che@nith.ac.in
2.	Dr. S.S.Katoch, Associate Professor, CE	Head, DoCE	head.ce@nith.ac.in
3.	Dr. R.K.Jarial, Associate Professor, EE	Head, DoEE	head.ee@nith.ac.in
4.	Dr. Sant Ram Chauhan, Associate Professor, ME	Head, DoME	head.me@nith.ac.in
5.	Dr. Gargi Khanna, Associate Professor, ECE	Head, DoECE	head.ece@nith.ac.in
6.	Dr. Naveen Chauhan, Associate Professor, CSE	Head, DoCSE	head.cse@nith.ac.in
7.	Dr. Pamita Awasthi, Associate Professor, Chemistry	Head, Chemistry	head.chem@nith.ac.in
8.	Dr. Kuldeep Kumar Sharma, Associate Professor, Physics & Photonic Sciences	Head, DoPPS	head.phy@nith.ac.in
9.	Dr. Pawan Kumar Sharma, Associate Professor, Mathematics & Scientific Computing	Head, DoMSC	head.math@nith.ac.in
10.	Dr. Mamta Awasthi, Associate Professor, Centre for Energy Studies	Head, CES	head.ces@nith.ac.in
11.	Dr. Yogesh Gupta, Associate Professor, Department of Humanities & Social Sciences	Head, DoHSS	head.hss@nith.ac.in

Prof. Roshan Lal Sharma, Professor, Department of English, Central University of Himachal Pradesh, Prof. Lillie Dewan, Professor, Department of Electrical Engineering, NIT Kurukshetra, Prof. Ravi Kumar Sharma, Professor, Department of Civil Engineering, Prof. Sunil, Professor, Department of Mathematics & Scientific Computing, Prof. Sushil Chauhan, Professor, Department of Electrical Engineering had not attended the Senate meeting due to some preoccupations and were granted leave of absence by the Chairman, Senate. The Chairman, Senate welcomed all the Senate Members and the Special Invitees. Thereafter, the Agenda was taken up for deliberations by Prof. Ram Naresh Sharma, Dean (Academic) with the permission of the Chair and request that all Senate Members shall discuss only the Academic Matters as per the Agenda of the Senate meeting and there should be no exchange of personal remarks of any kind during the conduct of the Senate meeting.

PART – I COMMENTS, CONFIRMATION AND ATR ITEMS

SENATE/37/MIN/2022-10/01: Comments received after circulation of Draft Minutes of 36th Senate meeting.

The Draft Minutes of 36th meeting of Senate were circulated to all the Members of Senate through Email dated 23/05/2022 for their kind perusal/comments.

Comments received after circulation of Draft Minutes of 36th SENATE meeting: **None.**

Decision:

The SENATE noted that no comments were received on the Agenda of 36th SENATE Meeting.

SENATE/37/MIN/2022-10/02: Confirmation of Minutes of 36th SENATE meeting.

Copy of the Minutes of 36th SENATE meeting was placed before SENATE for confirmation.

Decision:

The SENATE confirmed the Minutes of 36th SENATE Meeting.

SENATE/37/MIN/2022-10/03: Action Taken Report (ATR) on the Minutes of previous meetings.

The item-wise ATR on the Minutes of 36th SENATE is as under:

S. No.	Item No.	Agenda	Decision of 36 th SENATE	Action Taken	Decision of 37 th Senate
1.	SENATE/36/20 22-05/05	To consider and approve the Institutional Guidelines/ Regulations for Training/ Internship of NIT Hamirpur and related documents.	The SENATE approved the Institutional Guidelines/ Regulations for Training/ Internship of NIT Hamirpur and related documents.	Decision implemented vide notification No.NIT/HMR/Academic/SENATE/36/2022 -05/05/1425-40 dated 26/05/2022 The matter needs no further action.	<i>The SENATE noted the action taken.</i>
2.	SENATE/36/20 22-05/06	To re-start M.Tech. Energy Technology Programme in the Centre for Energy Studies, which was earlier shifted to the Department of Mechanical Engineering when re-structuring of CEEE was done in the year 2019.	The SENATE agreed in principle and recommends the proposal to transfer the programme M.Tech. – Energy Technology from Department of Mechanical Engineering to Centre for Energy Studies and to re-start the programme M.Tech. – Energy Technology in the Centre for Energy Studies with effect from the Academic Year 2022-23. The students presently studying M.Tech. – Energy Technology in the Department of Mechanical Engineering shall continue to study in the same Department till completion of their course of study.	Decision implemented vide notification No.NIT/HMR/Academic/SENATE/36/2022 -05/06/1441-57 dated 26/05/2022 The matter needs no further action.	<i>The SENATE noted the action taken.</i>

3.	SENATE/36/20 22-05/07	To start M.Tech. Energy Science & Technology Programme from the Year 2022 in the Centre for Energy Studies in place of M.Tech- Energy Technology which was shifted to Department of Mechanical Engineering when CEEE was Closed	Since the SENATE has already agreed and recommended the proposal to transfer the programme M.Tech. – Energy Technology from Department of Mechanical Engineering to Centre for Energy Studies and to re-start the programme M.Tech. – Energy Technology in the Centre for Energy Studies with effect from the Academic Year 2022-23, the SENATE has decided to drop this item.	Decision implemented vide notification No.NIT/HMR/ Academic/SENATE/36/2022 -05/07/1598-1613 dated 26/05/2022 The matter needs no further action.	The SENATE noted the action taken.
4.	SENATE/36/20 22-05/08	Amendment to the Ordinances for Doctoral Programmes	The SENATE agreed and approved the recommendations of the Committee regarding amendment to the Clause 4.4, 4.5(4), 5.5.2, 7.1.2(4), 8.1 , 9.5(1), proforma DPP-19, DPP-23, DPP-24 of the Ordinances for Doctoral Programmes and the Institute Policy for PhD Supervisor Allocation as per Annexure-08. The Senate also recommends minor corrections to be incorporated in Annexure-08, at appropriate places	Decision implemented vide notification No.NIT/HMR/ Academic/SENATE/36/2022 -05/08/1458-73 dated 26/05/2022 The matter needs no further action.	The SENATE noted the action taken.
5.	SENATE/36/20 22-05/09	To consider and approve the recommendations regarding issuing of SGRC/ Degree Certificate to the students who exit from Dual Degree to B.Tech. or from B.Tech. to Dual Degree programme.	The SENATE agreed and approved that the Semester Grade Report Cards, upto 6th semester, which are already issued to the students of Dual Degree/ B.Tech. students should not be changed or revised when the student is allowed to exit from Dual Degree to B.Tech. or from B.Tech. to Dual Degree programme and at the backside of the Degree, required information, as applicable, shall be printed.	Decision implemented vide notification No.NIT/HMR/ Academic/SENATE/36/2022 -05/09/1474-87 dated 26/05/2022 The matter needs no further action.	The SENATE noted the action taken.
6.	SENATE/36/20 22-05/10	To consider and approve the recommendations of SMPC regarding inclusion of the subject Research Methodology, MA-814 as an Open Elective Course in the Master's programme.	The SENATE approved the inclusion of the subject Research Methodology, MA-814 as an Open Elective Course in the Master's programme as per the Syllabus enclosed as Annexure 10. Senate further decided that this subject Research Methodology should be studied as Department Elective for Masters Students of the Department of Mathematics & Scientific Computing.	Decision implemented vide notification No.NIT/HMR/ Academic/SENATE/36/2022 -05/10/1488-1502 dated 26/05/2022 The matter needs no further action.	The SENATE noted the action taken.

7.	SENATE/36/20 22-05/11	To consider and approve the Academic Calendar for UG/PG/PhD programmes (Odd Semester of Academic Year 2022-23)	The SENATE approved the Academic Calendar for UG/PG/PhD programmes (Odd Semester of Academic Year 2022-23) as per Annexure-11.	Decision implemented vide notification No.NIT/HMR/Academic/SENATE/36/2022-05/11/1503-22 dated 26/05/2022 The matter needs no further action.	The SENATE noted the action taken.
8.	SENATE/36/20 22-05/12	To consider and approve the matter regarding nomination of two Senate members to BOG.	The SENATE nominated the following two Faculty Members as Senate nominees to Board of Governors, NIT Hamirpur: 1) Prof. Anoop Kumar, Professor, Department of Mechanical Engineering 2) Dr. Amrit Kumar Roy, Assistant Professor, Department of Civil Engineering	Decision implemented vide notification No.NIT/HMR/Academic/SENATE/36/2022-05/12/1523-39 dated 26/05/2022 The matter needs no further action.	The SENATE noted the action taken.
9.	SENATE/36/20 22-05/13	To consider and approve the matter regarding increase in intake of seats from 39 to 65 in the programme B.Tech. - Materials Science & Engineering.	The SENATE decided that in view of the limited infrastructure, particularly the Hostels in the Institute, the proposal for increasing the intake of seats from 39 to 65 in the programme B.Tech. - Materials Science & Engineering be kept on hold till the availability of required infrastructure/Hostels in the Institute.	Decision implemented vide notification No.NIT/HMR/Academic/SENATE/36/2022-05/13/1540-41 dated 26/05/2022 The matter needs no further action.	The SENATE noted the action taken.
10.	SENATE/36/20 22-05/14	To consider and approve the matter regarding shifting the course- PG Elective VII of Dual Degree programmes from 10th semester to 9th semester so as to create provision of Internship upto 6 months duration in 10th semester for willing students of the Dual Degree batch of 2018-23.	The SENATE approved the recommendations of SMPC and decided to shift the course- PG Elective VII of Dual Degree programmes of batch 2018-23 from 10th semester to 9th semester so as to create provision for Internship of upto 6 months duration in 10th semester for willing students. The other conditions for undergoing Internships shall be in accordance with the Institutional guidelines/regulations for training/ internship of NIT Hamirpur.	Decision implemented vide notification No.NIT/HMR/Academic/SENATE/36/2022-05/14/1542-59 dated 26/05/2022 The matter needs no further action.	The SENATE noted the action taken.

11.	SENATE/36/20 22-05/T-1	Shifting of M.Tech. (Energy Technology) presently running in Department of Mechanical Engineering to Centre for Energy Studies.	The SENATE agreed in principle and recommends to BOG for approval of the proposal of shifting the programme M.Tech. – Energy Technology from Department of Mechanical Engineering to Centre for Energy Studies and also approved the Course Structure and Syllabi as per Annexure T1	Decision implemented vide notification No.NIT/HMR/Academic/SENATE/36/2022-05/T-1/1560-77 dated 26/05/2022 The matter needs no further action.	The SENATE noted the action taken.
12.	SENATE/36/20 22-05/T-2	List of Expert Panel received from 13 Teaching Departments and one Centre in sealed envelopes.	The SENATE recommended to BOG for approval of the List of Expert Panel as received in sealed envelopes from 13 Teaching Departments and one Centre.	Decision implemented vide notification No.NIT/HMR/Academic/SENATE/36/2022-05/T-2/1578-94 dated 26/05/2022 The matter needs no further action.	The SENATE noted the action taken.

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PART – II RATIFICATION AND REPORTING ITEMS

SENATE/37/MIN/2022-10/04:

(A) RATIFICATION ITEMS

The actions taken by the Institute with due approval of the Hon'ble Chairman, SENATE on the recommendations of 24th & 25th Standing Committee of Senate (SCOS)/ SBPC/ SMPC/ SDPC and/or academic functionaries as listed below were placed for information and ratification:

Sr. No.	Decisions for ratification	Annexures
1.	The recommendations of the 23 rd SCOS in the matter regarding PhD admissions at NIT Hamirpur in view the 36 th Senate decision notified vide Notification No. NIT/HMR/Academic/SENATE/36/2022-05/08/1458-73 dated 26/05/2022.	Annexure-4A(1)
2.	The recommendations of the 24 th SCOS in the matter regarding non-submission of Grades for the Subject CSD-329 (Seminar) during 6th Semester of B.Tech. & Dual Degree - 2018 Batch.	Annexure-4 A(2)
3.	The recommendations of the 25 th SCOS in the matter regarding declaration of result of the subject Research & Publication Ethics (MA-815) of various Departments.	Annexure-4 A(3)
4.	The recommendations regarding award of zero credit in those Semesters in which Maternity Leave is availed by the Female PhD Research Scholar(s).	Annexure-4 A(4)
5.	The recommendations of SDPC regarding Extension of PhD programme of the Part Time PhD Research Scholar Mr. Vivek Sharma, 2k16-PhD-CE-306 by one Year.	Annexure-4 A(5-8)
6.	The recommendations of SDPC regarding Extension of PhD programme of the PhD Research Scholars Ms. Tanuj Wala , 2K17-Ph.D.-CSE-338 and Ms. Kusum Lata, 2K17-Ph.D.-CSE-339 by one Year.	Annexure-4 A(5-8)
7.	The recommendations of SDPC regarding Extension of PhD programme of the Part Time PhD Research Scholar Mrs. Amita Singh , 2K17-Ph.D.-EE-354 by two Years.	Annexure-4 A(5-8)

8.	The recommendations of SDPC regarding allowing PhD Research Scholars to register for Credit Course- Research and Publication Ethics, even after Course Work.	Annexure-4 A(5-8)
9.	The recommendations of SDPC regarding Extension of PhD programme of the Part Time PhD Research Scholar Mr. Daljeet Singh , 2K16-Ph.D.-HSS-326 by two Years.	Annexure-4 A(9)
10.	The recommendations of SDPC regarding Extension of PhD programme of the PhD Research Scholar Mr. Deepanshu Kaushal, 2K17-Ph.D.-ECE-357, by one Year.	Annexure-4 A(10-11)
11.	The recommendations of SDPC regarding Extension of PhD programme of the PhD Research Scholar Ms. Leelavati, 2K16-Ph.D.-PHY-317, by one Year.	Annexure-4 A(10-11)
12.	The recommendations of SDPC regarding Extension of PhD programme of the PhD Research Scholar Mr. Nimish Bhatt, 2K17-PhD-EE-355, by one Year.	Annexure-4 A(12)

All above recommendations as approved by the Hon'ble Chairman, Senate are placed before the SENATE for ratification please.

Decision:

The SENATE ratified the approval accorded by the Hon'ble Chairman, SENATE on above listed points with the directions that for Ratification Item No. 3, the Department of Mathematics & Scientific Computing may conduct the classes for the subject Research & Publication Ethics (MA-815) through classroom teaching/online/hybrid mode during Even Semester of Academic Year 2022-23.

B. REPORTING ITEMS

Sr. No.	Reporting Items	Annexures
1.	Change of Branch as per Clause 4.3 of the Ordinances for Bachelor Programmes	Annexure-4B(1)
2.	Exit from Programmes, as per implementation of Multiple Entry/ Multiple Exit component of NEP-2020, implemented by the Institute	Annexure-4B(2)

The above items are placed before the SENATE for reporting please.

Decision:

The SENATE noted the above reporting items with directions that a Committee consisting of the following Members shall review the Multiple Exit/ Multiple Entry Policy for PhD Research Scholars as notified vide Notification No. NIT/H/Academic/FC/BOG/2021 /38302 – 30 dated 05/04/2021 and submit its recommendations for deliberations in the forthcoming Senate meeting:

1. Prof. Ashwani Chandel, DoEE – Chairperson
2. Prof. Ravi Kumar, DoMSE - Member
3. Chairperson, SDPC - Member Secretary

The Committee may invite suggestions from other Departments of the Institute.

PART – III NEW ITEMS

SENATE/37/MIN/2022-10/05: Award of degrees to the duly qualified students during the Academic Year 2021-22 for B.Tech., B.Arch., M.Tech., M.Arch., Dual Degree (B.Tech. & M.Tech.), M.Sc., MBA and Ph.D. scholars.

The students who have qualified the requirements for award of B.Tech., B.Arch., M.Tech., M.Arch., Dual Degree (B.Tech. & M.Tech.), M.Sc., MBA, Ph.D. degrees during Academic Year 2021-22 are to be awarded degrees in the 13th Convocation, as per the Annexure -5.

The matter was placed before the members of SENATE for consideration and further recommendation to the Board of Governors for conferment/ grant of Degrees to these students in the 13th Convocation of NIT Hamirpur.

Decision:

The SENATE considered and further recommended to the Board of Governors for conferment/ grant of Degrees during 13th Convocation of NIT Hamirpur to the students who have qualified for award of Degrees after the 12th Convocation.

SENATE/37/MIN/2022-10/06: To consider and approve the list for Award of Gold Medal to branch topper student of each UG/PG programme, Silver Medal to the second branch topper student and Bronze medal to the third branch topper student of each UG programme for Academic Year 2021-22

The branch topper students of each UG/PG programme are to be awarded the Gold Medal. The second branch topper students of each UG programme are to be awarded the Silver Medal and the third branch topper students of each UG programme are to be awarded the Bronze Medal, for the Academic Year 2021 -22, as per list annexed.

The matter was placed before the members of SENATE for consideration and further recommendation to the Board of Governors for conferment of the Awards.

Decision:

The SENATE considered and further recommended to the Board of Governors for conferment of Award of Gold Medal to branch topper student of each UG/PG programme, Silver Medal to the second branch topper student of each UG/PG programme and Bronze medal to the third branch topper student of each UG programme for Academic Year 2021-22 during 13th Convocation.

SENATE/37/MIN/2022-10/07: To consider and approve the Award of Director's Medal to the Best All Rounder for Academic Year 2021-22

A Committee was constituted to recommend the name for the Award of Director's Medal for the Best All Rounder for Academic Year 2021-22. The Committee after following the due process has recommended the name of **Ms. Akhya Rai, Roll No. 181045**, B.Tech. Civil Engineering.

The matter was placed before the members of SENATE for consideration and further recommendation to the Board of Governors for conferment of the Award.

Decision:

The SENATE considered and further recommended to the Board of Governors for conferment of Award of Director's Medal to the Best All-Rounder for Academic Year 2021-22 to Ms. Akhya Rai, Roll No. 181045.

SENATE/37/MIN/2022-10/08: To consider and approve the matter regarding award of zero credits to Female PhD Research Scholar, in the Semester in which she proceeds on Maternity Leave.

In accordance with Clause 12.5 of the Ordinances for Doctoral Programmes, the Maternity Leave to Female PhD Research Scholars is permissible as per Government of India norms. Further as per Clause 5.1 of the Ordinances for Doctoral Programmes, "if maternity leave (granted before the date of registration) extends beyond the last date of late registration but expires before the end of **seven weeks** from the specified date of registration (without late fee) in the given semester, the Research Scholar will be allowed to register only for Dissertation credits. The number of credits that a Research Scholar shall be allowed to register shall be worked out on a pro-rata basis by DDPC".

Therefore, in case Female PhD Research Scholar remains on maternity leave during the complete semester then zero credits shall be awarded to her during that particular semester.

Matter is placed before the members of SENATE for their comments/suggestions and approval please.

Decision:

The SENATE agreed and approved that in case Female PhD Research Scholar remains on maternity leave during the complete semester then zero credits shall be awarded to her during that particular semester.

SENATE/37/2022-10/09:

To consider and approve the recommendations of SMPC regarding minor revision in syllabus of M.Tech. (Energy Technology) to be incorporated with effect from the Academic Year 2023-24.

The Senate Master Programme Committee (SMPC) in its meeting held on 26/09/2022 has recommended the proposal of Centre Energy Studies regarding minor revision in syllabus of M.Tech. (Energy Technology) to be incorporated with effect from the Academic Year 2023 -24. The modified syllabus is as per new education policy (NEP-2020) and thrust area of Ministry of new and Renewable Energy (MNRE).

Decision:

The SENATE agreed and approved the recommendations of SMPC regarding minor revision in syllabus of M.Tech.(EnergyTechnology), as per Annexure 09, to be incorporated with effect from the Academic Year 2023-24.

SENATE/37/MIN/2022-10/10:

To consider and approve the addition in Eligibility Criteria for admission to M.Tech. (Energy Technology) programme with effect from the Academic Year 2023-24.

The Senate Master Programme Committee (SMPC) in its meeting held on 26/09/2022 has recommended the proposal of Centre Energy Studies to also allow the M.Sc. qualified candidates having valid GATE score for admission to M.Tech. (Energy Technology) programme with effect from the Academic Year 2023 -24 and onwards.

Decision:

The SENATE agreed and approved the recommendations of SMPC regarding allowing M.Sc. qualified candidates having valid GATE score for admission to M.Tech. (Energy Technology) programme with effect from the Academic Year 2023 -24 and onwards.

SENATE/37/MIN/2022-10/11:

To consider and approve the recommendations of SMPC regarding amendments in Ordinances for Master Programmes.

The Senate Master Programme Committee (SMPC) in its meeting held on 26/09/2022 has recommended the amendments to the Ordinances for Master Programmes as under:

1. Inclusion of M.Tech./M.Arch. Dissertation grades for calculation of CGPI:

SMPC recommends that there should be minimum 12 credits in each semester for PG dissertation (for 3rd and 4th semester). Therefore, the total credits for M.Tech./M.Arch. will be reduced to 68 credits from 84 and for dual degree courses it will be reduced to 60 credits from 76. Hence, the table under clause 9.2 of the ordinances of Masters Programme will be modified for M.Tech./M.Arch. programmes as follows:

Proposed Table : Clause 9.2

Programme	Minimum Total Credits	Credits through coursework (Minimum)	Credits through dissertation (Minimum)	Minimum Residential Period	Maximum duration of programme
M.Tech	68	44	24(12+12)	2 years	3 years
M.Arch.	68	44	24 (12+12)	2 years	3 years

2. Inclusion of External Examiner in Final Dissertation Evaluation of M.Tech. /M.Arch./ Dual Degree programmes:

SMPC recommends the inclusion of External Examiner for the same. For this inclusion certain modifications needs to be incorporated in clause 8.2 and 8.3 of the Ordinances of Master Programme. The proposed modifications in the mentioned clauses are as follows:

Modification proposed to Clause 8.2

The Dissertation work of M.Tech./M.Arch. students in 3rd and 4th semester shall be examined twice in a semester by Dissertation Examination Board (DEB) constituted by the HoD/HoC in consultation with DMPC in the beginning of 3rd semester.

1.	One Faculty Member from the Department/Centre preferably within the area of specialization proposed by Supervisor	Member
2.	One Faculty Member from other Department/Centre proposed by Supervisor	Member
3.	Concerned Supervisor	Convener

Dissertation performance of a Master Student shall be in the form of letter grade (Clause 7.3) which shall reflected in the Grade Card and shall be counted for calculation of CGPI. The distribution of evaluation weightage of M.Tech/M.Arch. Dissertation in 3rd and 4th semesters shall be as follows:

For 3rd semester:

S.No	Particulars	Weightage	Remark
1	Mid Semester Dissertation Progress	20	To be awarded by DEB
2	Final Dissertation Exam	40	
3	Semester Assessment	30	To be awarded by supervisor
4.	Research Paper communication weightage as mentioned in MPP-08a	10	To be awarded by DEB

For 4th semester:

S.No	Particulars	Weightage	Remark
1	Mid Semester Dissertation Progress	20	To be awarded by DEB
2	Final Dissertation Exam	30	To be awarded by ODEB
3	Semester Assessment	25	To be awarded by supervisor
4.	Research Paper Weightage as mentioned in MPP-08b	25	To be awarded by DEB

The evaluation report of M.Tech./M.Arch. Dissertation for third semester is required to be sent to Academic Section in prescribed format (Annexure: MPP-08a). For Grade submission, the Convener, DMPC shall act as Course Coordinator and will upload the Grades and send the compiled list along with individual evaluation forms to the Academic Section.

Proposed clause 8.3

8.3 Submission and Final Examination of Dissertation

The following modalities are to be adopted for the submission of the Dissertation:

- The student will submit the soft bound copy of dissertation in their respective department/centre after 30th April in 4th semester (or after the end of the academic semester and start of examinations in the odd semester) till the date of registration in the next semester of forthcoming academic year.
- The student who could not submit the dissertation within this time frame shall be required to register (with semester fee) in the next semester for submission and completion of their dissertation work.
- The oral examination shall be completed in all respects preferably within two months after the submission of dissertation.
- For the final evaluation of dissertation an oral dissertation evaluation board (ODEB) will be constituted. The oral board shall be proposed, for the student, by the concerned supervisor in consultation with convener (DMPC) and concerned HOD. The oral board needs to be proposed at least three weeks before the submission of thesis. The composition of oral dissertation evaluation board is as follows:
 1. External Examiner (Member, Outside NIT Hamirpur)
 2. Existing DEB Members

For each student, the supervisor in consultation with convener (DMPC) and concerned HOD shall propose a panel of minimum three external examiners to the Chairman SMPC for approval. Preferably the external examiner should be of related specialization from premier technical institutions like IITs, NITs, CFTIs and other institutions and universities of repute. After constitution of ODEB, a soft copy of dissertation is to be submitted to convener (DMPC) at least two weeks before the probable date of oral examination. The convener (DMPC) shall arrange to send the soft copy of the thesis to the external examiner. The oral examination can be conducted in online/offline/hybrid mode.

The proposed PG dissertation evaluation report Performa for 3rd and 4th semester are also attached as (MPP-08a) Annexure 1 and (MPP-08b) Annexure 2 which are inline with Senate Notification no. NIT/HMR/ACADEMIC/34TH SENATE/2020/35384-96 dated 25/01/2021.

- The ODEB will evaluate the Dissertation, conduct the oral examination and send a report of the examination to the Academic Section through the Convener, DMPC and HoD/HoC (Annexure: MPP-08b). The Convener, DMPC shall act as Course Coordinator for uploading and submitting the compiled list along with individual evaluation forms to the Academic Section.
- A Dissertation will be considered to have been accepted if members of the ODEB recommend its acceptance. A dissertation, which is not accepted, will be considered to have been rejected.
- If a Dissertation is rejected along with a recommendation for resubmission after incorporating any modification/correction suggested by the ODEB, oral examination of the resubmitted Dissertation will be conducted by the original Board. However, if any member of the previous Board has retired/left/debarred then revised Board will be constituted following the same procedure. If the resubmitted Dissertation is rejected, the matter will be reported to the Chairman, Senate for appropriate action.
- If a student does not appear in the oral examination within the stipulated period, he/she has to register in the next semester.
- After the oral examination, the modifications suggested, if any, by the ODEB, may be incorporated and then sufficient number of hard bound copies and softcopy (preferably PDF on CD/DVD) be submitted to the Department for onwards transmission to the supervisor and departmental library by Convener, DMPC.
- The student shall also vest or license copyright of his/her Dissertation in the name of NIT Hamirpur

3. Guidelines for Evaluation for part time M.Tech. Candidate

As per notification no. NIT/HMR/ACAD/SMPC-32-2020/1749-65 dated 22/06/2021 certain provisions were notified for conversion of M.Tech. programme from full time to part time after completion of 3rd semester. Only after this notification the need was felt to lay down certain guidelines for evaluation of such part time candidates. The matter was deliberated and discussed in SMPC meeting and following recommendations were made for the evaluation of part time candidates.

Semester	Mid Semester Evaluation	End Semester Evaluation
3rd	Evaluation to be performed by DEB	Evaluation to be performed by DEB
4th	*Evaluation to be performed by DEB	P (pursuing) grade to be awarded by DEB without any evaluation.
5th	No Evaluation	Final grade to be submitted by ODEB after submission and evaluation of dissertation. The mid term marks* awarded at 4th semester will be utilized for calculation of final grade.

Moreover, the candidate has to pay full fee in subsequent semesters as per odd/even semester applicable fee.

4. Honorarium for External Examiner for dissertation of M.Tech./M.Arch.

In response to office order no. NIT/HMR-Acad/111/M.Tech./M.Arch.dissertation/2021/1924-40 dated 07/06/2022 the matter pertaining to honorarium of external examiner for conducting final dissertation examination was deliberated and discussed in SMPC meeting and following recommendations were made :

SMPC proposed that the honorarium to be paid to external examiner be Rs. 2500/- per candidate. Further, an external examiner may evaluate a maximum of four candidates per day. Other expenses shall be governed by the Institute norms. The agenda is recommended for further deliberation in the Senate.

5. Registration fee and travel reimbursement to PG student for attending technical events

Based on the recommendations of the SMPC in its minutes of meeting held on 26/09/2022 and further recommendations of Dean(Academic) approved by the Chairman, Senate, it is proposed that financial assistance to attend National/ International conferences may be enhanced from Rs. 7000/- to Rs. 15000/- per conference on submission of actual receipts on same terms and conditions as approved during 16th Senate meeting held on 16th May 2012.

The above Agenda was placed before the members of the SENATE for their comments/suggestions and approval please.

Decision:

The SENATE considered and approved the agenda as under:

1. Inclusion of M.Tech./M.Arch. Dissertation grades for calculation of CGPI:

There shall be minimum 12 credits in each semester for PG Dissertation (for 3rd and 4th semester). Accordingly, the total credits for M.Tech./M.Arch. will be reduced to 68 credits from 84 and for dual degree courses it will be reduced to 60 credits from 76. Hence, the table under clause 9.2 of the ordinances of Masters Programme will be modified for M.Tech./M.Arch. programmes as follows:

Table : Clause 9.2

<i>Programme</i>	<i>Minimum Total Credits</i>	<i>Credits through coursework (Minimum)</i>	<i>Credits through Dissertation (Minimum)</i>	<i>Minimum Residential Period</i>	<i>Maximum duration of programme</i>
<i>M.Tech</i>	<i>68</i>	<i>44</i>	<i>24(12+12)</i>	<i>2 years</i>	<i>3 years</i>
<i>M.Arch.</i>	<i>68</i>	<i>44</i>	<i>24 (12+12)</i>	<i>2 years</i>	<i>3 years</i>

2. Inclusion of External Examiner in Final Dissertation Evaluation of M.Tech. /M.Arch./ Dual Degree programmes:

The clause 8.2 and 8.3 of the Ordinances of Master Programme. Shall be modified as under:

Modification to Clause 8.2

The Dissertation work of M.Tech./M.Arch. students in 3rd and 4th semester shall be examined twice in a semester by Dissertation Examination Board (DEB), which shall be constituted at the beginning of 3rd semester by the HoD/HoC in consultation with DMPC. There shall be two DEBs; DEB-1 for 3rd Semester Dissertation evaluation and DEB-2 for 4th Semester Dissertation Evaluation. The composition of the DEBs shall be as under:

1.	One Faculty Member from the Department/Centre preferably within the area of specialization proposed by Supervisor- to be nominated by HOD/HOC	Chairperson
2.	One Faculty Member from other Department/Centre proposed by Supervisor	Member
3.	External Examiner -from outside NIT Hamirpur (for DEB-2 only)	Member
4.	Concerned Supervisor	Convener

Dissertation performance of a Master Student shall be in the form of letter grade (Clause 7.3) which shall be reflected in the Grade Card and it shall also be counted for calculation of CGPI. The distribution of evaluation weightage in 3rd and 4th semesters of M.Tech./M.Arch. Dissertation shall be as follows:

For 3rd semester Dissertation Evaluation:

S.No.	Particulars	Weightage	Remark
1	Mid Semester Evaluation	30	To be awarded by DEB
2	Final Semester Evaluation	40	
3	Continuous Semester Assessment	30	To be awarded by supervisor

For 4th semester Dissertation Evaluation:

S.No.	Particulars	Weightage	Remark
1	Mid Semester Evaluation	20	To be awarded by DEB
2	Final Semester Evaluation	30	To be awarded by DEB
3	Continuous Semester Assessment	35	To be awarded by supervisor
4.	Research Paper Weightage	15	To be awarded by DEB

The evaluation report of M.Tech./M.Arch. Dissertation for both the 3rd and the 4th semesters is required to be sent to Academic Section in prescribed format (Annexure: MPP-08a, MPP-08b). For Grade submission, the Convener, DMPC shall act as Course Coordinator and will upload the Grades and send the compiled list along with individual evaluation forms to the Academic Section.

Modification to Clause 8.3

Submission and Final Examination of Dissertation

The following modalities are to be adopted and included in the Ordinances for the submission of the Dissertation:

- 8.3 (i) The students will submit their soft bound copy of the Dissertation in their respective Department/Center between 30th April to 31st May of every Academic Year, in prescribed format as approved by SENATE from time to time.
- (iv) The oral examination shall be completed in all respects as per the date specified in the Academic Calendar
- (ix) The name of External Examiner for constituting DEB-2 for Dissertation evaluation in 4th semester shall be proposed at the commencement of 4th Semester, for each group of students (preferably 5), by the concerned HOD/HOC in consultation with Convener, DMPC. The HOD/HOC shall propose the names of at least 3 External Examiners for each group of students and forward the same to the Dean(Academic) in the prescribed format as under, for further approval of the name of External Examiner by the Chairman, Senate:

Group No.	Sr. No.	Name of Students	Roll Nos	Name of The proposed External Examiner/Deptt./ Institute		
				1	2	3
1	1					
	2					
	3					
	4					
	5					
2	1					
	2					
	3					
	4					
	5					

Signature of HOD/HOC

(x) The External examiner shall preferably be of related specialization from premier technical institutions like IITs, NITs, CFTIs and other Government institutions (including R&D Labs, PSUs) and universities of repute. A soft copy of Dissertation is to be submitted to convenor (DMPC) at least two weeks before the probable date of Dissertation Oral Examination. The Convener, DMPC shall arrange to send the soft copy of the Dissertation to the External Examiner. The Dissertation oral examination can be conducted in online/offline/hybrid mode.

The weightage of Research Paper for award of Grades shall be as under:

- One paper accepted/ presented in SCI journal/ SCOPUS Indexed Journal/ Web of Sciences/ Tier-I conference – weightage 15 Marks
- One paper accepted/ presented in Peer Reviewed Conference organised by IISC/IIT/NIT/ a premier R&D Organisation/ Professional Societies/ International Conferences of Repute – weightage 10 Marks
- Paper(s) accepted/presented in any other conference/journal/ Book Chapter – weightage 05 Marks.

Marks will be awarded for only one of the above options having maximum weightage.

3. Guidelines for Evaluation for Part Time M.Tech./M.Arch. Candidates

In continuation to the Notification no. NIT/HMR/ACAD/SMPC-32-2020/1749-65 dated 22/06/2021 the evaluation of M.Tech./M.Arch. Part Time candidates shall be as under:

Semester	Mid Semester Evaluation	End Semester Evaluation
4th	*Evaluation to be performed by DEB-1	P (pursuing) grade to be awarded by DEB-1 without any evaluation.
5th / 6th	Mid Semester Evaluation is not required	Final grade to be submitted by DEB-2 after submission and evaluation of Dissertation. The Mid Term marks* awarded at 4th semester will be utilized for calculation of final grade.

The M.Tech. - Part Time candidates are required to register in subsequent semesters after paying requisite semester fee as per odd/even semester. The maximum duration of such M.Tech. programmes shall be 3 years from the date of initial registration.

4. Honorarium to be paid to External Examiner for Dissertation of M.Tech./M.Arch.

The Honorarium to be paid to the External Examiner shall be Rs.2500/- per candidate, (subject to maximum of Rs.10000/- per day). An External Examiner may evaluate a maximum of five candidates per day. Other expenses shall be governed by the Institute norms.

5. Reimbursement of Conference registration fee and travel expenses to the UG/PG/PhD students for attending National/ International Conferences in India

The financial assistance to attend National/ International conferences in India shall be Rs. 12000/- per Conference on submission of actual payee Receipts as per the following terms and conditions:

- I. Request for financial assistance to attend National/International Conference within India on account of oral paper presentation will be considered as under:
 - i) B.Tech. students only one time in Final year (i.e. 7th or 8th Semester only)
 - ii) M.Tech. students only one time in Second Year (i.e. 3rd or 4th Semester only)
 - iii) PhD Scholars once in an Academic Year (i.e. 1st July to 30th June) after having successfully passed the State-of-Art examination.
- II. In case of joint authors only one of the authors will be considered for Financial Assistance.
- III. For UG and PG students a CGPI of 7.5 will be pre-requisite for availing financial assistance.
- IV. In order to ensure that only quality papers are presented in reputed conferences organized by premier institutions/organizations, request of the candidate for financial assistance will be considered only if it is duly recommended by the concerned Head of the Department in case of UG student and by respective Supervisor and Head of Department in case of PG and PhD Scholar(s).
- V. A candidate meeting the above requirements will be provided financial assistance to a maximum amount of Rs.12000/- per conference (including registration charges and to and fro fare to the maximum of AC-III tier fare) on submission of actual payee receipts (APRs).

SENATE/37/MIN/2022-10/12: **To consider change of the nomenclature of 02 M.Tech. specializations in respect of Mechanical Engineering Department.**

Base on the recommendation of the Deans committee constituted vide office order No. NIT/HMR/Admn/F-16(Vol-35)/2021/10136-55 dated 20/10/2021 and in its minutes of meeting held on 3/6/2022, it is proposed that :

1. The nomenclature of M.Tech. Mechanical Engineering (Manufacturing) is recommended to be changed to M.Tech. Mechanical Engineering (Manufacturing & Automation).
2. The nomenclature of M.Tech. Mechanical Engineering (Thermal) is recommended to be changed to M.Tech. Mechanical Engineering (Computational Thermal Engineering).

These changes have already been recommended by DMPC and discussed in detail by SMPC, so as to enhance the intake of students in these courses, better placement avenues for pass out students and keeping in view the requirement of the Industry.

Decision:

The SENATE considered and approved the proposal and further recommends to the BOG for change of nomenclature of 02 M.Tech. programmes as under:

1. *The nomenclature of M.Tech. Mechanical Engineering (Manufacturing) is changed to M.Tech. Mechanical Engineering (Manufacturing & Automation).*
2. *The nomenclature of M.Tech. Mechanical Engineering (Thermal) is changed to M.Tech. Mechanical Engineering (Computational Thermal Engineering).*

Further there is no additional Financial Liability to effect the above change in nomenclature.

SENATE/37/2022-10/13: **To consider and approve the Academic Calendar for UG/PG/PhD programmes (Even Semester of Academic Year 2022-23).**

The Academic Calendar for UG/PG/PhD programmes for Even Semester of Academic Year 2022-23 was placed before the Senate for consideration and approval as under:

Event	Date(s)
Online Fee deposit for UG/PG/PhD (Except UG First Year)	01/01/2023 to 04/01/2023
Registration of PG/ PhD	05/01/2023
Registration of UG	06/01/2023
Commencement of classes (Except UG First Year)	09/01/2023
Last date of Registration with Late Fee	16/01/2023
Notification of list of Registered students	31/01/2023
Mid-Sem. Exam/Mid-Sem. Dissertation evaluation	27/02/2023 to 04/03/2023
Mid Semester Evaluation of UG/PG Projects	13/03/2023 to 15/03/2023
First Notification of Shortage of Students by Deptts.	16/03/2023
LALKAAR (Annual Sports Meet - 2023)	17/03/2023 to 18/03/2023
NIMBUS (Annual Technical Festival 2023)	24/03/2023 to 25/03/2023
Last date to show the Mid-Semester Answersheets	10/4/2023
End of Classes & Submission of UG Project Report to Project Guide	18/04/2023
Final Notification of shortage of Attendance by all Deptts.	19/04/2023
AL-VIDA 2023	20/04/2023
End Semester Practical Examination	24/04/2023 to 28/04/2023
End Semester Theory Examination	01/05/2023 to 13/05/2023
End Semester Evaluation of UG Projects	15/05/2023 to 18/05/2023
Last date for Grades Submission on webportal	19/05/2023
Declaration of Result	09/06/2023
Registration for all Supplementary Examinations	12/06/2023 to 16/06/2023

- (i) Summer vacations for students shall be from 19/05/2023 to 16/07/2023.

- (ii) Summer vacations for Faculty (except for Faculty engaged with UG 1st Year) shall be from 20/05/2023 to 13/07/2023.
- (iii) Submission of PG Dissertation from 30/04/2023 to 26/06/2023 followed by Oral Examinations of PG Dissertation preferably before 10/07/2023 & submission of Grades by the DMPC Convener on webportal by 20/07/2023.
- (iv) PhD End Semester Progress Seminar from 01/04/2023 to 15/05/2023. Slots to be notified by the concerned Departments/Centre.
- (v) Allocation of Subjects to Faculty for Odd Semester of Academic Year 2023-24 by HOD/HOC from 01/04/2023 to 30/04/2023.

Decision:

The SENATE considered and approved the Academic Calendar for UG/PG/PhD programmes for Even Semester of Academic Year 2022-23 (Except UG 1st Year) as under:

Event	Date(s)
Online Fee deposit for UG/PG/PhD (Except UG First Year)	01/01/2023 to 04/01/2023
Registration of PG/ PhD	05/01/2023
Registration of UG	06/01/2023
Commencement of classes (Except UG First Year)	09/01/2023
Last date of Registration with Late Fee	16/01/2023
Notification of list of Registered students	31/01/2023
Mid-Sem. Exam/Mid-Sem. Dissertation evaluation	27/02/2023 to 04/03/2023
Mid Semester Evaluation of UG/PG Projects	13/03/2023 to 15/03/2023
First Notification of Shortage of Students by Deptts.	16/03/2023
LALKAAR (Annual Sports Meet - 2023)	17/03/2023 to 18/03/2023
NIMBUS (Annual Technical Festival 2023)	24/03/2023 to 25/03/2023
Last date to show the Mid-Semester Answersheets	10/4/2023
End of Classes & Submission of UG Project Report to Project Guide	18/04/2023
Final Notification of shortage of Attendance by all Deptts.	19/04/2023
AL-VIDA 2023	20/04/2023
End Semester Practical Examination	24/04/2023 to 28/04/2023
End Semester Theory Examination	01/05/2023 to 13/05/2023
End Semester Evaluation of UG Projects	15/05/2023 to 18/05/2023
Last date for Grades Submission on webportal	19/05/2023
Declaration of Result	09/06/2023
Registration for all Supplementary Examinations	12/06/2023 to 16/06/2023

- (i) Summer vacations for students shall be from 19/05/2023 to 16/07/2023.
- (ii) Summer vacations for Faculty (except for Faculty engaged with UG 1st Year) shall be from 20/05/2023 to 13/07/2023.
- (iii) Submission of PG Dissertation from 30/04/2023 to 31/05/2023 followed by Oral Examinations of PG Dissertation before 10/07/2023 & submission of Grades by the DMPC Convener on webportal by 20/07/2023.
- (iv) PhD End Semester Progress Seminar from 01/04/2023 to 15/05/2023. Slots to be notified by the concerned Departments/Centre.
- (v) Allocation of Subjects to Faculty for Odd Semester of Academic Year 2023-24 by HOD/HOC from 01/04/2023 to 30/04/2023.

TABLE ITEMS

NEW ITEMS

SENATE/37/MIN/2022-10/T-1: **Minor amendments to the existing Syllabus of the B.Tech. Course MS-411-Thin Film Technology.**

The SBPC in its meeting held on 12/10/2022 has deliberated the recommendations of the DBPC –Department of Materials Science and Engineering regarding its proposal for minor amendments to the existing syllabus of the B.Tech. Course MS-411 Thin Film Technology as per Annexure T1.

Decision:

The SENATE considered and approved the recommendations of SBPC regarding minor amendments to the existing syllabus of the B.Tech. Course MS-411 Thin Film Technology as per Annexure T1.

SENATE/37/MIN/2022-10/T-2: **The matter regarding mismatch in Course Credits of M.Tech. programmes as per Clause 9.2 of the Ordinances for Master Programmes and in the Course Structures of the M.Tech. Programmes.**

An anomaly was detected regarding mismatch in Course Credits of M.Tech. programmes as per Clause 9.2 of the Ordinances for Master Programmes and in the Course Structures of the M.Tech. Programmes. A meeting of all HODs/ HoC, Chairperson SMPC, Associate Dean-UG/PG Estt., Dr. B.B.Sharma, DoEE, was convened with Dean(Academic) on 12/10/2022 and the solution for rectifying the aforementioned anomaly is recommended in the Minutes as per Annexure T2.

Decision:

The SENATE considered and approved the Minutes as per Annexure T2.

SENATE/37/2022-10/T-3: **Addition of name of Ms. Richa, 2k17-Ph.D.-CSE-341 to the list of PhD Degree recipients during 13th Convocation.**

The PhD Research Scholar, Ms. Richa, 2k17-PhD-CSE-341 has been notified for award of PhD Degree vide Notification Endst. No. NIT/HMR/PhD/Acad./PF-CSE-341/2022/5559 – 75 dated 11/10/2022. Her name for award of PhD Degree may also be included in the 13th Convocation.

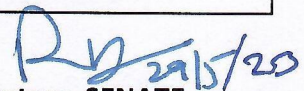
Decision:

The SENATE recommends to BOG for conferment of PhD Degree to Ms. Richa, 2k17-PhD-CSE-341 during 13th Convocation.

The draft Minutes of 37th Senate Meeting were circulated to the Hon'ble Senate Members of the Senate through email dated 21/10/2022 for their kind perusal/comments.

No comments were received after circulation of Draft Minutes of 37th Senate Meeting. The Institute can implement the decisions of the Senate accordingly.


Chairman, SENATE


Secretary, SENATE