



राष्ट्रीय प्रौद्योगिकी संस्थान हमीरपुर
हमीरपुर (हि.प्र.) - 177 005 (भारत)
NATIONAL INSTITUTE OF TECHNOLOGY HAMIRPUR
HAMIRPUR (H.P.) - 177 005 (INDIA)
(An Institute of National Importance under Ministry of HRD)

Minutes of 27th meeting of SENATE held on 30th March, 2019 (Saturday) at 10:00 AM in the Conference Hall of Administrative block, NIT Hamirpur (HP).

The following members were present:

1.	Prof. Vinod Yadava Director NIT Hamirpur.	Chairman, Senate	director@nith.ac.in
2.	Prof. R. P. Yadav Professor, Electronics & Communication Engineering Department MNIT Jaipur.	External Member	rpyadav.ece@mnit.ac.in
3.	Prof. M. R. Maurya Professor & Head, Chemistry Department IIT Roorkee.	External Member	rkmanfcy@iitr.ac.in
4.	Prof. Y. R. Sood Professor, Electrical Engineering Department NIT Hamirpur.	Member	yrsood@gmail.com
5.	Prof. A. S. Singha Professor, Chemistry Department NIT Hamirpur.	Member	asingha@nith.ac.in; singhaamar34@gmail.com
6.	Prof. Sunand Kumar Professor, Mechanical Engineering Department NIT Hamirpur.	Member	sunand@nith.ac.in
7.	Prof. R. K. Sharma Professor, Civil Engineering Department NIT Hamirpur.	Member	ravi@nith.ac.in
8.	Prof. Anoop Kumar Professor, Mechanical Engineering Department NIT Hamirpur.	Member	anoop@nith.ac.in
9.	Prof. N. S. Thakur Professor, Centre for Energy & Environmental Engineering NIT Hamirpur.	Member	nsthakur@nith.ac.in
10.	Prof. R. N. Sharma Professor, Electrical Engineering Department NIT Hamirpur.	Member	rnaresh@nith.ac.in
11.	Prof. Piar Chand Professor, Management & Humanities Department NIT Hamirpur.	Member	ryhalpc@nith.ac.in; ryhalpc@gmail.com
12.	Prof. Y. D. Sharma Professor, Mathematics Department NIT Hamirpur.	Member	yds@nith.ac.in

A-1

13.	Prof. Sunil Professor, Mathematics Department NIT Hamirpur.	Member	sunil@nith.ac.in
14.	Prof. R. K. Dutta Professor, Civil Engineering Department NIT Hamirpur.	Member	rkd@nith.ac.in
15.	Prof. Ashwani Chandel Professor, Electrical Engineering Department NIT Hamirpur.	Member	ashchandelin@nith.ac.in
16.	Prof. Raman Parti Professor, Civil Engineering Department NIT Hamirpur.	Member	ramanp@nith.ac.in
17.	Prof. Bhanu Marwaha Professor, Architecture Department NIT Hamirpur.	Member	bhanu@nith.ac.in
18.	Prof. (Ms.) Rajeevan Chandel Professor, Electronics & Communication Engineering Department NIT Hamirpur.	Member	rchandel@nith.ac.in
19.	Prof. Sushil Chauhan Registrar NIT Hamirpur.	Secretary, Senate	registrar@nith.ac.in

Prof. Purnima Singh, Department of Humanities & Social Sciences, IIT Delhi, Prof. Virender Kumar, Department of Civil Engineering, NIT Hamirpur and Prof. Ravi Kumar, Centre for Material Science & Engineering NIT Hamirpur could not attend the meeting due to their pre-engagements.

Prof. Sushil Chauhan, Secretary, Senate welcomed Hon'ble Chairman, Senate and all the Members of Senate. He placed on record his special thanks to external members for their academic commitment and presence in the meeting to enrich the outcome of the meeting. Thereafter, the agenda was taken up for deliberations by Secretary, Senate with the prior permission of Chairman, Senate.

PART – I COMMENTS, CONFIRMATION AND ATR ITEMS

SENATE/MIN/27/2019-03/01: Comments received after circulation of minutes.

The minutes of 26th meeting of SENATE held on 12th October, 2018 was circulated to the members of SENATE through Email/Letter No. NIT/HMR/Academic/26th Senate/2018/10708-40 dated 01/11/2018 and no comments were received.

Decision:

The SENATE noted that no comments were received after circulation of Minutes of 26th SENATE Meeting.

SENATE/MIN/27/2019-03/02: Confirmation of minutes of 26th meeting of SENATE.

Decision:

The SENATE confirmed the minutes of 26th meeting of Senate.

SENATE/MIN/27/2019-03/03: Action Taken Report (ATR) on the minutes of previous meetings of SENATE.

The item-wise ATR on the minutes of 26th meeting of SENTAE is written in following table:

SN	Item No. and Agenda	Decision of 26 th meeting of SENATE	Action Taken Report	Decision of 27 th meeting of SENATE
1.	<p>Item No. 24.16</p> <p>Proposal to start M.Sc. Cognitive Science Programme in Management & Humanities Department.</p>	<p>The 26th Senate directed the Committee constituted vide office order No. NIT / HMR / Acad / 10/2018/321-329 dated 11/04/2018 to expedite the process so that the report may be placed in the next Senate meeting.</p>	<p><i>Report of the Committee has been submitted which is under consideration of Standing Committee of Senate (SCOS). After recommendations of SCOS, the matter will be placed as new Item in appropriate Senate meeting.</i></p>	<p>Action taken noted and no further action is required.</p>
	<p>Item No. 24.24</p> <p>Acceptance of the regulations called "University Grants Commission (Minimum Standards and Procedure for Award of M.Phil/Ph.d Degree) Regulation, 2016.</p>	<p>The external member provided suggestions for incorporating some of the UGC guidelines in the academic regulations related to Item No. 24.24. The 25th Senate directed that Committee shall be constituted to look into some of the UGC guidelines need to be incorporated in to the academic regulations and in the 26th Senate was informed that action is in progress.</p>	<p>A Committee was constituted vide office order No. NIT/HMR/Acad/UGC-90/2019/373-80 dated 4/01/2019.</p> <p><i>The report of the Committee has been received and is being placed as New Item No. Senate / 27 /2019 /03/13 for deliberation & decision.</i></p>	<p>Action taken noted and no further action is required.</p>

Q. L.

2.	<p>Item No. 25.3</p> <p>To consider the proposal regarding Project Staff Appointed Under Projects to get Enrolled into Ph.D. after Completing the Process of Ph.D. Admission.</p>	<p>The 26th Senate directed the Committee constituted vide notification No. NIT/HMR/Acad/25th Senate/2018/5864-5889 dated 27/07/2018 to submit the report for placing in the next Senate meeting.</p>	<p><i>The report of the Committee has been received and is being placed as New Item No. Senate / 27/2019/03/12 for deliberation & decision.</i></p>	<p>Action taken noted and no further action is required.</p>
3.	<p>Item No. 25.7</p> <p>To consider the proposal for Major Projects Carried by MBA Students.</p>	<p><i>The 26th Senate decided that operation of this item shall be governed by new item No. SENATE / MIN / 26/2018-10/06 (A).</i></p>	<p><i>The relevant decision notified vide No. NIT/HMR/Academic/ 26th Senate / 2018 / 12801-12825 dated 24/12/2018.</i></p>	<p>Action taken noted and no further action is required.</p>
4.	<p>Item No. 25.11</p> <p>To consider the proposal for framing UG, PG and Ph.D. Ordinances as per NIT Statutes.</p>	<p>The 26th Senate directed all the three Committees notified vide notification No. NIT/ HMR /Academic /25th Senate /2018/5983-6008 dated 27/07/2018 to expedite the process of framing the ordinances for UG, PG and Ph.D. programmes so that it can be placed in the next Senate meeting.</p>	<p><i>Regarding the framing of ordinances, the respective committees have done substantial work for the preparation of these ordinances. However it is felt that more deliberations and suggestions are required to be considered before finalizing the draft proposal for all the three ordinances. The draft shall be placed in the next meeting of Senate.</i></p>	<p>Senate noted the action taken.</p>

5.	Item No. 25.13 To consider the proposal for Award of Degrees to Pass Out B.Tech., B.Arch., M.Tech., M.Arch., for the Year 2016-17, 2017-18 and MBA for the Year 2017-18 and Ph.D. Scholars.	Report present by Associate Dean (Examination) were noted and members were of the opinion that very few students are getting CGPI higher than 9, this performance aspect may be taken into consideration while preparing the grading criterion clauses in the ordinances for UG/PG/Ph.D. programmes.	Decision notified vide No. NIT / HMR / Academic /26 th Senate /2018/12756-12775 dated 24/12/2018.	Action taken noted and no further action is required.
6.	SENATE/MIN/26/2018-10/05 Exit Plan for UG (CSE) Dual Degree.	Senate decided that the matter requires more deliberations and a Committee comprising of following members was constituted for making recommendations for the same: (i) Prof. Y. R. Sood, EED Chairman (ii) Head, CSED Member (iii) Head, ECED Member (iv) Convener, DPGC, CSED Member (v) Convener, DUGC, ECED Member (vi) Associate Dean (Admission) Convener	Decision Notified vide No. NIT /HMR/ Academic/26 th Senate /2018/12776-12800 dated 24/12/2018. The Minutes/report of the constituted Committee for the purpose has been received and is being placed as New Item No. Senate/27/2019/03/9 for deliberation and decision.	Action taken noted and no further action is required.

		The Committee will collect data from the premier Institutes viz. IITs & NITs where dual degree programmes are running and will submit its report within one month time for placing the same in the next Senate meeting for further deliberation.		
7.	SENATE/MIN/26/2018-10/06 (a) M.Tech. Dissertation Evaluation of PG Programmes at NIT Hamirpur.	Senate approved the procedure recommended by SPGC with partial modification. Further Senate decided that the following modalities be adopted for evaluation of all PG programmes of all Departments/Centres: (i) The entire PG students of a Department shall be divided into groups on the basis of their area and sub area of specialization by HOD in consultation with DPGC. (ii) Each group shall be preferably of 5 students. (iii) Remuneration to the external examiner appointed for a group shall be governed as per Institute norms.	Decision Notified vide No. NIT /HMR/ Academic/26 th Senate /2018/12801-12825 dated 24/12/2018.	Action taken noted and no further action is required.



<p>SENATE/MIN/26/2018-10/06</p> <p>(b) Submission of Dissertation/Project of M.Tech./ M.Arch./ MBA/ M.Sc. / Dual Degree Programmes at NIT Hamirpur.</p>	<p>Senate approved the recommendation of SPGC and decided that the following modalities be adopted for submission of Dissertation/Project of M.Tech./M.Arch./MBA/ M.Sc./ Dual Degree programmes:</p> <p>(i) The student will submit their dissertation/Project work in their respective Department/Centre between 1st May to 31st May of every year.</p> <p>(ii) The dissertation/Project work related to above stated programmes shall be completed in all respects, every year preferably by 30th June.</p> <p>(iii) The cases of the students who could not submit the respective dissertation/project within the stipulated time, will be examined by DPGC and for genuine cases, the recommendation of DPGC will be sent to Dean (Academic) for further approval of the Chairman,</p>	<p>Decision Notified vide No. NIT /HMR/ Academic/26th Senate /2018/12826-12850 dated 24/12/2018.</p>	<p>Action taken noted and no further action is required.</p>
---	---	---	--

Q. L.

		Senate on case to case basis. (iv) The students not covered under point (i), (ii), & (iii) shall be required to register in the next semester for completion of their dissertation / project work. (v) Soft copy of dissertation /project will be sent to external examiner while hard copy will be sent on request.		
9.	SENATE/MIN/26/2018-10/06 (c) Format for submission of report of Ph.D. Thesis Oral Examination	Senate approved the new format as proposed by SPGC as per Annexure-I	<i>Decision Notified vide No. NIT /HMR/ Academic/26th Senate /2018/12851-12875 dated 24/12/2018.</i>	Action taken noted and no further action is required.
10.	SENATE/MIN/26/2018-10/06 (d) Minor modifications in the Subject EC-701, MEMS and Micro Sensor Design	Senate approved the minor changes made in the syllabus of subject EC-701 and further suggested that the format for syllabi should be kept uniform across the Departments /Centres.	<i>Decision Notified vide No. NIT /HMR/ Academic/26th Senate /2018/12876-12900 dated 24/12/2018.</i>	Action taken noted and no further action is required.
11.	SENATE/MIN/26/2018-10/06 (e) Admission data of Chemical Technology M.Tech. Programme offered by Department of Chemistry for the year 2016, 2017 & 2018, running at NIT Hamirpur.	Senate decided that this programme in the present form be closed and no admission shall be made in this programme during the academic session 2019-20. Further, it is	<i>Decision Notified vide No. NIT /HMR/ Academic/26th Senate /2018/12901-25 dated 24/12/2018.</i> <i>New/modified proposal of M.Tech. (Chemical Engineering) submitted</i>	Action taken noted and no further action is required.



		suggested that Chemical Engineering Department may submit new/modified proposal to start a PG programme in the Chemical Engineering Department keeping in view the resources available and faculty strength.	by Chemical Engineering Department is being placed as new item No. Senate / 27 /2019 /03/10 for deliberation and decision.	
12.	SENATE/MIN/26/2018-10/07 (a) Award of Degrees to Pass Out B.Tech., B.Arch., M.Tech., M.Arch., MBA for the Year 2018 and Ph.D. Scholars during 2018.	Senate approved this as per agenda with the suggestion that the Ph.D. Scholars, whose notifications have been issued since July, 2017 to 15 days before the commencement of convocation 2018, will be awarded degrees.	Decision Notified vide No. NIT /HMR/ Academic/26 th Senate /2018/12926-12950 dated 24/12/2018.	Action taken noted and no further action is required.
13.	SENATE/MIN/26/2018-10/07 (b) Award of Director's Medal to best all-rounder among UG/PG, Gold Medal to topper of each B.Tech./B.Arch. & M.Tech. stream and Silver Medal to second topper of each B.Tech./B.Arch. stream.	Senate approved this as per agenda, however in the forthcoming convocation, only students passed out in 2018 shall be awarded medals. For other passed out batches, the medals shall be sent to their respective addresses.	Decision Notified vide No. NIT /HMR/ Academic/26 th Senate /2018/12951-75 dated 24/12/2018.	Action taken noted and no further action is required.
14.	SENATE/MIN/26/2018-10/07 (c) Convocation dress of Chief Guest, Guest of Honour, BOG Chairman, Director, Senators, Dean (Academic), Registrar and Degree Recipients.	Senate approved this item as proposed by academic section.	Decision Notified vide No. NIT /HMR/ Academic/26 th Senate /2018/12976-1300 dated 24/12/2018.	Action taken noted and no further action is required.



15.	SENATE/MIN/26/2018-10/07 (d) Ph.D. admission during December, 2018.	Senate decided that the Ph.D. admissions shall be conducted during June-July, 2019.	Decision Notified vide No. NIT /HMR/ Academic/26 th Senate /2018/1301-1325 dated 24/12/2018.	Action taken noted and no further action is required.
16.	SENATE/MIN/26/2018-10/08 Senate Nominee in BOG.	The matter was deferred as no conclusion could be made and there was huge difference of opinion among the members regarding modality to be adopted. Chairman, Senate was having concerns that Senators themselves evolve the acceptable and viable modalities at their own and submit it to Chairman, Senate for consideration and further necessary action.	Decision Notified vide No. NIT /HMR/ Academic/26 th Senate /2018/1326-13050 dated 24/12/2018. After receiving acceptable and viable modalities for the purpose, it will be put up as new agenda item in future.	Action taken noted and no further action is required.

Q. L.

SENATE/MIN27/2019-03/04

A. RATIFICATION ITEMS

The actions taken by the Institute with due approval of the Hon'ble Chairman, SENATE after the last meeting of SENATE are placed before the SENATE for information and ratification:

1. **Approval for granting relaxation in residential period of Mr. Gopal Chand Gautam.**

Chairman, Senate approved the recommendations of Standing Committee of Senate for the case and decision was notified vide notification No. 11815-19 dated 3/12/2018.

Decision:

SENATE noted and ratified the approval accorded by the Chairman, SENATE.

2. **Approval for modalities regarding eligibility criterion for award of Medals and finalization of awardees list during 8th Convocation notified vide notification No. NIT/HMR/Academic/363/2018/12551-56 dated 18/12/2018.**

It is submitted that the modalities regarding eligibility criterion for award of Medals and finalization of awardees list during 8th Convocation proposed by Standing Committee of Senate were approved by the Chairman, Senate on the recommendation of Standing Committee of Senate in its 4th meeting held on 6/12/2018 and notified vide No. NIT/HMR/Academic/363/2018/12551-56 dated 18/12/2018.

Decision:

SENATE noted and ratified the approval accorded by the Chairman, SENATE with the modification that in future Gold Medal shall be awarded only when student secure CGPI 8.5 or above irrespective of class strength.

3. **Approval for finalization of Gold & Silver Medal list during 8th Convocation as submitted by the constituted Committee vide order No. NIT/HMR/Acad/8th Convocation/2018/12148-54 dated 10/12/2018.**

It is submitted that the list of Gold & Silver Medals finalized and verified by the constituted Committee vide order No. NIT/HMR/Acad/8th Convocation/2018/12148-54 dated 10/12/2018 recommended by the Standing Committee of Senate in its 5th meeting held on 17/12/2018 was approved by the Chairman, Senate on the recommendations of the Standing Committee of Senate and notified vide No. NIT/HMR/Academic/363/2018/12582-88 dated 20/12/2018.



Decision:

SENATE noted and ratified the approval accorded by the Chairman, SENATE on the recommendation of Standing Committee of SENATE.

4. Approval to bring uniformity in the courses i.e. "Dissertation" of M.Tech. Two Year programme and "M.Tech. Thesis" of Dual Degree five years programme.

It is submitted that the matter to bring uniformity in the courses i.e. "Dissertation" of M.Tech. two year programme and "M.Tech. Thesis" of Dual Degree five years programme discussed and recommended by the Standing Committee of Senate in its 6th meeting held on 01/01/2019 was approved by the Chairman, Senate on the recommendations of the Standing Committee of Senate and notified vide No. NIT/HMR/Academic/363/2018/24-41 dated 02/01/2019.

Decision:

SENATE noted and ratified the approval accorded by Chairman, SENATE.

5. Approval for scholarship enhancement of Ph.D. scholars after 2 years as per clause No. 2.3 of Govt. of India Ministry of HRD New Delhi letter F.No.17-2/2014-TS.I dated 18/02/2015.

It is submitted that as per recommendations of the Senate Post Graduate Committee in its meeting held on 01/02/2019 under item No.1, the eligibility criteria for enhancement of Ph.D. scholarship and further deliberated and recommended by the Standing Committee of Senate in its 11th meeting held on 25/02/2019 was approved by the Chairman, Senate as notified vide No. NIT/HMR/Academic/363/2019/3148-3173 dated 07/03/2019.

Decision:

SENATE noted and ratified the approval accorded by Chairman, SENATE on the recommendation of Standing Committee of Senate with the modification that the students registered before 27.07.2018 will be governed by old rules of Scholarship enhancement notified vide no NIT/HMR/Acad/Scholarship-43/2359-60 dated 15-10-2015. However, assessments of these old students will be done by modified Committee notified vide No. NIT/HMR/Academic/20th Senate/B18/5859-5920 dated 27.7.2018.

6. Approval regarding Extension of Ph.D programme in r/o Mr.Sudhir Saralch, Regn. No. 2K-11-Ph.D.Mat.Sci-190.

It is submitted that the recommendations of the SPGC in its meeting held on 01/02/2019 under item No.2, further discussed, deliberated and reviewed by the Standing Committee of Senate in its 11th meeting held on 25/02/2019 regarding 4th extension of Ph.D. programme in r/o Mr.Sudhir Saralch. The recommendations of Standing Committee for not granting extension was approved by the Chairman, Senate which was notified vide No. NIT/HMR/Academic/363/2019/3148-3173 dated 07/03/2019.

Decision:

SENATE noted and ratified the approval accorded by Chairman, SENATE.



B. REPORTING ITEMS

1. Students' Academic Achievements.

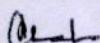
(A) Academic Awards of Director Medals, Gold & Silver Medals to the passed out students during 2014, 2015, 2016, 2017, 2018.

Number of Director Medal(s), Gold Medal(s) to first branch topper of UG/PG and Silver Medal(s) to second branch topper of B.Tech./B.Arch. awarded during 2014, 2015, 2016, 2017, and 2018 is as under:

Year	Number of Director Medal(s) awarded	Number of Gold Medals to first branch topper of UG/PG awarded during the 8 th Convocation.	Number of Silver Medals to second branch topper of B.Tech./B.Arch. awarded during the 8 th Convocation.
2014	01	18	06
2015	01	22	06
2016	NIL	23	06
2017	02	25	07
2018	01	25	07

(B) Department-wise number of Degrees conferred during 8th Convocation, held on 29thDecember, 2018 is as under:

S.No.	Department	Ph.D.	M.Tech./ M.Arch./MBA	B.Tech./B.Arch.	Total
1.	Civil Engineering	1	37	85	123
2.	Electrical Engineering	9	30	91	130
3.	Mechanical Engineering	6	18	93	117
4.	Electronics & Communication Engineering	5	22	89	116
5.	Computer Science & Engineering	4	19	93	116
6.	Centre for Material Science & Engineering	1	11		12
7.	Centre for Energy & Environmental Engineering	1	23		24
8.	Chemical Engineering		2	50	52
9.	Architecture	2	9	44	55
10.	Management & Humanities	2	13		15
11.	Chemistry	2			2
12.	Mathematics	1			1
Total		34	184	545	763



2. Placement Record of UG and PG Students.

The Placement record of the UG & PG students for the last five years is as below:

(A) UG Level

Discipline	2013-14 (%)	2014-15 (%)	2015-16 (%)	2016-17 (%)	2017-18 (%)
E&CED	77.77	82.75	96.00	98.46	90.54
CSED	88.52	88.00	93.58	95.89	86.84
EED	62.31	90.04	73.49	74.28	80.00
MED	50.00	77.50	85.71	92.75	77.94
CED	57.57	58.33	56.45	88.37	63.33
Chemical	-	-	-	37.25	59.09

(B) PG Level

Discipline	2013-14 (%)	2014-15 (%)	2015-16 (%)	2016-17 (%)	2017-18 (%)
Environmental Engg.	100%	20	7.69	-	-
Geotechnical Engg.	100.00	40	20.0	-	-
Structure Engg.	75.00	33.33	-	-	11.11
Transportation Systems Engg.	66.66	18.00	30.76	-	55.55
Water Resource Engg.	50.00	50.00	-	-	-
(CAD-CAM) (ME)	81.81	33.33	14.28	-	18.18
Thermal Engg. (ME)	91.66	31.25	35.71	7.69	-
Condition Monitoring, Protection & Control of Electrical Apparatus (EEE)	50.00	20.00	27.27	-	-
Signal Processing & Control (EEE)	41.66	0	21.42	25	30
Power Systems (EEE)	66.66	20	53.33	-	33.33
VLSI Design & Automation Techniques (ECE)	66.66	25	53.84	41.66	12.5
Comm. Systems & Networks (ECE)	33.33	23.52	46.66	15.38	11.11
Comp.Sc. & Engg.	68.75	42.85	29.41	30	41.66
Mobile Computing	66.66	15.38	33.33	33.33	66.66
Energy Technology	-	0	44.44	-	-
Material Sc. & Engg.	-	20	25.0	-	18.18
Architecture	-	50	-	-	-

Decision:

SENATE noted all the reporting items with the observation that the placement during 2017-18 is less than earlier year placements and Senate suggested that concerned HODs should make necessary efforts for increasing percentage of placement in consultation with Faculty Incharge (Training & Placement).

SENATE/MIN/27/2019-03/05: Starting two new B.Tech. Programmes.

(A) To start new B.Tech. Programme in Mathematics & Computing.

It is submitted that a proposal with regard to start of 4-year B.Tech. programme in Mathematics & Computing along-with teaching scheme & syllabi of programme duly recommended by the DUGC of the concerned Department was received vide letter No. NIT/HMR/Math/2018/862 dated 01/10/2018. On the recommendation of the DUGC a workshop to start the said programme was conducted by the Department on 24/11/2018 of the constituted Committee approved by the Competent Authority. The recommendations and suggestions of the experts members were placed before the Senate Under Graduate Committee (SUGC) in its meeting held on 04/12/2018 for further deliberation and discussion in the matter (Reference: MoM No. NIT /HMR / Acad-SUGC / 15 / 2018 / 2076-12100 dated 07/12/2018).

Recommendation of SUGC

The SUGC recommended the proposal in principle for consideration and approval of SENATE.

Decision:

SENATE approved the proposal for starting new B.Tech. programme in Mathematics & Computing and referred the case to FC/BOG for further approval as per NIT Statutes clause 8(xii). After approval of FC/BOG, the new B.Tech. programme will be started from the academic session 2020-21 as the seat matrix for the academic session 2019-20 has already been submitted to the quarter concerned.

(B) To start new B.Tech. Programme in Engineering Physics.


A proposal with teaching scheme and syllabi for B.Tech.(Engineering Physics) received from DUGC of Physics Department, was placed in the SUGC meeting held on 05/02/2019 (reference letter No. NIT/HMR/Acad./SUGC-15/2019-1960-2005 dated 11/02/2019).

Recommendation of SUGC

The SUGC recommended the proposal in principle for consideration and approval of SENATE.

Decision:

SENATE approved the proposal for starting new B.Tech. programme in Engineering Physics and referred the case to FC/BOG for further approval as per NIT Statutes clause 8(xii). After approval in principle by FC/BOG, the new B.Tech. programme will be started from the academic session 2020-21 as the seat matrix for the academic session 2019-20 has already been submitted to the quarter concerned.



SENATE/MIN/27/2019-03/06: To create new Academic Centre of Biosciences & Bioengineering and to run new M.Tech. Programme in Biotechnology.

It is submitted that in the 8th Senate meeting vide item No. 7.8 and subsequent decision of 14th BOG meeting vide item No. 2 the proposal regarding starting M.Tech. Programme in Biotechnology was considered. In pursuance to this decision, a Committee was constituted by the competent authority for making complete proposal for setting up the Centre for Biotechnology or some other suitable name covering wider areas for running M.Tech and Ph.D. programme. The Committee was also authorized to invite outside experts from reputed Institutions.

The said Committee organized a workshop on 18/12/2018 by inviting the outside experts from the reputed institutions and submitted its report, which was deliberated in the 7th meeting of Standing Committee held on 8/1/2019, 8th meeting held on 21/01/2019 and 9th meeting held on 29/01/2019.

Recommendations of Standing Committee of Senate

The 7th Standing Committee of Senate in its meeting held on 8th January, 2019 recommended the launch of Centre for Biosciences & Bioengineering and to run M.Tech. (Biotechnology) in this Centre, which was approved by the Chairman, Senate for placing in the forthcoming Senate meeting by providing details regarding locations (Room wise, floor wise) in Department of Chemistry and Department of Chemical Engineering. In continuation the matter was discussed in the 8th & 9th meeting of Standing Committee and issue regarding allocation of space was deliberated and accordingly the recommendations regarding the space is as per Annexure-6.

Decision:

SENATE approved the recommendations of Standing Committee of Senate for creation of new Academic Centre for Biosciences & Bioengineering and also to run new M.Tech. Programme in Biotechnology. The SENATE recommended the decision for the final approval of FC/BOG as per NIT Statutes clause 8(xii).

SENATE/MIN/27/2019-03/07: Renaming of Department of Architecture and to start new M.Plan (Urban & Regional Planning).

(A) Renaming of Department of Architecture as Department of Architecture and Planning.

As per recommendations of DPGC meeting of Department of Architecture held on 31.01.2019, it was recommended to rename Department of Architecture as Department of Architecture and Planning.

Decision:

SENATE approved the proposal of renaming the Department of Architecture as Department of Architecture and Planning. The SENATE recommended the decision for the final approval of FC/BOG as per NIT Statutes clause 8(xii).

(B) To start new M.Plan. (Urban and Regional Planning).

DPGC of Department of Architecture in its meeting held on 31.01.2019 recommended to rename the Department of Architecture as Department of Architecture and Planning. Further, DPGC recommended to start new PG programme in M.Planning with specialization in urban and regional planning from the ensuing academic session i.e. 2019-20. The proposal to start M.Planning (Urban & Regional Planning) in Architecture Department was further recommended by SPGC in its meeting held on 11/03/2019. The matter was considered by the competent authority for placing the proposal in the Senate.

Decision:

SENATE approved the proposal to start new PG programme as M.Plan. (Urban and Regional Planning). The SENATE recommended the decision for the final approval of FC/BOG as per NIT Statutes clause 8(xii).

SENATE/MIN/27/2019-03/08: Renaming of Centre for Material Science and Engineering as Department of Material Science and Engineering.

Faculty Board of the Centre for Material Science & Engineering in its meeting held on 06/02/2019 stated that a full-fledged B.Tech. Degree programme in the Material Science & Engineering has been started from the academic session 2017-18. The Centre is fully equipped with the Laboratory equipment and infrastructure facilities to run this B.Tech. Programme. Therefore, all the faculty members of CMSE unanimously recommended that the Centre for Material science & Engineering be renamed as Department of Material Science & Engineering. The proposal was subsequently approved by the competent authority for placing in the SENATE.

Decision:

SENATE approved the proposal to rename Centre for Material Science and Engineering as Department of Material Science and Engineering. The SENATE recommended the decision for the final approval of FC/BOG as per NIT Statutes clause 8(xii).

SENATE/MIN/27/2019-03/09: Change in Dual Degree Programme running in CSED and ECED.

In compliance of the decision/direction of 26th Senate, a committee constituted vide notification no. NIT/HMR/Academic/26thSenate/2018/12776-12800 dated 24-12-2018 has submitted its report with the observation that most of the Institutions offer the dual degree programme with a limited intake of around 20 students and are able to maintain the niche character of the programme whereas NIT Hamirpur offers dual degree programmes with intake of 60 students in each programme(CSE and ECE). The said committee has recommended that instead of 60 seats, dual degree programmes in CSE may be offered with an intake of 20 students only and remaining 40 seats may be converted into four year B.Tech CSE programme(to be merged with existing four year B.Tech programme). Further the Committee proposed that the same may also be done for Dual Degree programme of ECE.

Decision:

SENATE deliberated on the recommendations of the Committee at length and approved that the Dual Degree programme in both the branches (CSED & ECED) shall run with intake of 20 students only. For remaining 40 seats of each branch, it was decided to convert them into 04 year new programme of B.Tech. (Mathematics & Computing) and B.Tech. (Engineering Physics) respectively as proposed at Agenda Item No. SENATE/27/2019/03/5 (A) & (B). This way the class strength shall remain in manageable range without disturbing total UG intake in the Institute.

The decision of the SENATE is tabulated below:

Department	Present intake of DD Programme	Proposed intake of DD Programme	Proposed intake & Name of 4 year B.Tech. Programme
CSED	60 in DD CSE	20 in DD CSE	40 in B.Tech. (Mathematics & Computing)
ECED	60 in DD ECE	20 in DD ECE	40 in B.Tech. (Engineering Physics)

The decision will come into force from academic session 2020-21.

SENATE/MIN/27/2019-03/10: To start new M.Tech. (Chemical Engineering) in Chemical Engineering Department.

In compliance of the decision/direction of 26th Senate, the proposal from the Chemical Engineering Department to start **M.Tech. (Chemical Engineering) in Chemical Engineering Department**, duly recommended by DPGC and further recommended by SPGC in its meeting held on 11/03/2019 attached as Annexure-10.

Decision:

SENATE approved the proposal to start new PG Programme as M.Tech (Chemical Engineering) in Chemical Engineering Department. The SENATE recommended the decision for the final approval of FC/BOG as per NIT Statutes clause 8(xii).

SENATE/27/MIN/2019-03/11: Revised Admission Procedure for Ph.D. Programme.

A Committee was constituted vide office order no. NIT/HMR/Acad./38-Ph.D/1742-47 dated 05/02/2019 for framing Revised Ph.D. Admission Procedure. The admission procedure framed by the Committee is as per Annexure-11.

Decision:

SENATE approved the recommendations of the Committee with the directions that the revised admission procedure for Ph.D. programme shall be applicable from the Academic Year 2019-2020 as per **Annexure-II**.

SENATE/MIN/27/2019-03/12: To consider the proposal for admission in Ph.D. programme of Project Staff appointed in SRP.

In compliance of the decision/direction of 25th & 26th Senate, the Committee constituted for the purpose has submitted the report on the above matter as per Annexure-12.

Recommendations

The project staff/project fellows / Research Associates / Research Fellow etc. working under sponsored projects at NIT Hamirpur may be allowed to apply for Ph.D. (part time) programme subject to certain conditions as envisaged in Annexure-12.

Decision:

SENATE approved the report of Committee as proposed as per Annexure-III.

SENATE/MIN/27/2019-03/13: To place the recommendations of Committee constituted to make recommendations for incorporating UGC guidelines in the academic regulations of NIT Hamirpur.

There are only two practically actionable points in the recommendations made by the committee vide its report dated 07/02/2019 and the same are reproduced as under:

1. The Institute shall maintain the list of all Ph.D. registered students on its website on year-wise basis. The list shall include the name of the registered candidate, topic of his/her research, name of his/her supervisor/co-supervisor, date of enrolment/registration.
2. The preliminary pages of Ph.D. thesis containing title page, abstract, table of contents, list of figures etc. may be hosted/uploaded on NIT Hamirpur Library website for public access.

Decision:

SENATE approved as proposed.

SENATE/MIN/27/2019-03/14: Setting of Question Papers of all subjects for End Semester Examinations (Even & ODD) internally.

It is submitted that as per decision of 17th Senate in its meeting held on 27/08/2012 vide item No. 17.2, there exists a provision related to end semester theory examination that Controller of Examination/ Professor In-charge (Exam) can get one or two papers per class set externally in consultation with the Dean (Academic)/Director of the Institute and the same procedures being followed since then.

Since the numerous interactions with various stakeholders and inputs received thereon from them including the competent authority, it is felt that the End Semester Theory Question Papers should be set internally instead of externally keeping in view the competency of faculty members to perform this academic task effectively.



Decision:

SENATE approved the proposal with the directions that all examination question papers setting shall be done internally with immediate effect.

SENATE/MIN/27/2019-03/15: Consideration of MHRD proposal regarding development of Online Courses (letter no. NIT/HMR/ACAD/ SWAYAM/10806-10821 dated 12/11/2018; circulated to all Departments/Centres).

In compliance of MHRD Govt. of India D.O. No. 18-19/2018-DL dated 6th November, 2018 and UGC notifications dated 4th July, 2018 for running of online courses and programme(s) by the NIT(s) on the basis of NPTEL/SWAYAM portal initiated by Government of India under the Coordinatorship of NPTEL for engineering which is already offering many such courses and programmes to several students, working professionals and out of school youth for the past many years; MHRD desired that the notification does not apply to NIT(s) although it is required that each NIT may deliberate on the possibility of offering online degree programmes either using courses which are already running in the NPTEL/SWAYAM portal, or by developing course material specially for the programmes. The matter was placed in the SUGC and SPGC respectively for deliberation and recommendations for Senate.

Recommendations of SUGC and SPGC

The SUGC and SPGC did not recommend the proposal stating that presently the Institute does not have sufficient faculty and staff required to run such online programmes as required by the MHRD.

Decision:

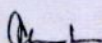
SENATE deliberated the matter in detail and approved recommendations of SUGC and SPGC.

SENATE/MIN/27/2019-03/16: Revision of Course Structure/Syllabi for all UG and Dual Degree Programmes.

The Institute has decided to revise the course structure of UG and Dual Degree Programmes and for this, a template for course structure was provided to all the Departments/Centres along with common course structure for all the B.Tech and Dual Degree programmes. The Departments/Centres have prepared the syllabi of first year courses duly recommended by the respective DUGCs and further forwarded to SUGC for deliberations. SUGC in its meeting held on 18/03/2019 recommended the course structure templates of UG and Dual Degree programmes and syllabi of first year courses.

(A) Revised course structure of all UG programmes (B.Tech./B.Arch.) and syllabus of all UG 1st year of NIT, Hamirpur.

Revised courses structure template of all UG Programme (B.Tech/B.Arch.) and syllabi of first year courses for all UG Programme (B.Tech./ B.Arch.) was placed as Annexure-16(A). The evaluation system for Theory and Laboratory/Practical Courses (B.Tech./B.Arch./Dual Degree Programme) was also placed on table.



Decision:

SENATE approved the proposal for revising the course structure of all UG programmes. Senate also approved the course structure and syllabi of B.Tech./B.Arch. first year and course structure/template of B.Tech./B.Arch for all years alongwith evaluation system. The approved course structure/Template, syllabi alongwith evaluation system for Theory and Laboratory/Practical Courses (B.Tech./B.Arch./Dual Degree Programmes) is enclosed at **Annexure-IV**.

(B) Revised course structure of Dual Degree programmes and syllabus of Dual Degree 1st year of NIT Hamirpur.

Revised courses structure template of Dual Degree Programs and syllabi of first year courses for Dual Degree was placed as Annexure-16(B). The evaluation system for Theory and Laboratory/Practical Courses (B.Tech./B.Arch./Dual Degree Programme) was also placed on table.

Decision:

SENATE approved the proposal for revising the course structure of Dual Degree programmes. Senate also approved the course structure and syllabi of Dual Degree first year and course structure/template of Dual Degree for all years alongwith evaluation system. The approved course structure/Template and syllabi alongwith evaluation system for Theory and Laboratory/Practical Courses (B.Tech./B.Arch./Dual Degree Programmes) is enclosed at **Annexure-V**.

SENATE/MIN/27/2019-03/17: Report of Internal Academic Review.

It is submitted that different Committees were constituted to carry out internal academic audit (review) of the Departments/Centres. The reports of the Committees are placed as per Annexure-17.

Decision:

SENATE noted the performance of all Departments/Centres and further suggested that to achieve the academic enjoiment healthy and bringing it at par with the Institute of repute, the recommendation made by various Committee(s) be adhered to and processes may initiated for further improvement of negative points suggest by the Committee(s). Further, Senate suggested that a Committee shall be constituted by Chairman, Senate for making comprehensive report of the Institute after going through all the review reports of different Departments/Centres. The comprehensive report be submitted to Dean (Academic) which may be placed in next SENATE meeting.

SENATE/MIN/27/2019-03/18: Adoption of MHRD Notification regarding revision of emoluments and guidelines on service conditions for research personnel engaged in Research programme (Ph.D.) of NIT, Hamirpur.

Government of India, Ministry of HRD Department of Higher Education has revised the emoluments and guidelines on service conditions for research personnel engaged in R&D programme of the Central Government



Departments/Agencies vide OM F.No: 12-2/2019-UI dated 31/01/2019 as per Annexure-18 is placed for adoption by Senate.

Decision:

SENATE approved the proposal for adoption of OM F.No: 12-2/2019-UI dated 31/01/2019 as per Annexure-VI.

SENATE/MIN/27/2019-03/19: Adoption of MHRD Notification regarding Reservation for Economically Weaker Section(s) in NIT, Hamirpur.

In compliance of letter No. F.No.35-4/2018-TS.III Dated 18th January, 2019 of MHRD, GOI, New Delhi, a Committee was constituted by the Competent authority for preparing the seat plan in view of the EWS reservation. The Committee worked out the category wise student strength for different programmes on implementation of EWS reservations as per annexure-19. Accordingly, the Institute is going to implement the reservation for EWSs for admission in all UG/PG & Ph.D. programmes w.e.f. academic session July, 2019 onwards. The category wise student strength after the EWS reservation as required by Govt. of India and CSAB-2019 has also been submitted by this Institution.

Decision:

SENATE approved the proposal for adoption of F.No.35-4/2018-TS.III Dated 18th January, 2019 as per Annexure-VII.

Table Items

SENATE/27/2019-03/T-1: Regarding renaming of M.Tech. specialization programme running in the Department of Electrical Engineering i.e. "Condition Monitoring Control and Protection of Electrical Apparatus specialization".

On the basis of recommendation of faculty Board as well as DPGC of Electrical Engineering Department and subsequently approved by the Competent Authority, the proposed change of M.Tech. specialization is given as under:

Present Name of the M.Tech. Specialization	Proposed Name
Condition Monitoring, Control and Protection of Electrical Apparatus	Condition Monitoring of Power Apparatus

Decision:

SENATE approved the revised name of programme as under:

New Name
M.Tech. Electrical Engineering (Condition Monitoring of Power Apparatus)

SENATE/27/2019-03/T-2: Regarding change in the nomenclature of M.Tech. programme "Geotechnical Engineering and Underground structures" to "Geotechnical Engineering".

On the basis of recommendation of DPGC in its meeting held on 13/02/2019 and subsequently recommended by SPGC in its meeting held on 27/03/2019 vide item No. 1, the proposal for changing the nomenclature of M.Tech. programme is as given below:

Present Name of the M.Tech. Specialization	Proposed Name
Geotechnical Engineering and Underground structures	Geotechnical Engineering

Decision:

SENATE approved the revised name of programme as under:

New Name
M.Tech. Civil Engineering (Geotechnical)



SENATE/27/2019-03/T-3: Regarding change in the nomenclature of M.Tech. programme "VLSI Design Automation and Techniques" to "VLSI Design".

On the basis of recommendation of DPGC in its meeting held on 26/03/2019 and subsequently recommended by SPGC in its meeting held on 27/03/2019 vide item No. 2, the proposal for changing the nomenclature of M.Tech. programme is placed below:

Present Name of the M.Tech. Specialization	Proposed Name
VLSI Design Automation and Techniques	VLSI Design

Decision:

SENATE approved the revised name of programme as under:

New Name
M.Tech. Electronics & Communication Engineering (VLSI Design)

SENATE/27/2019-03/T-4: Regarding change in the nomenclature of existing M.Tech. programme and to start a new M.Tech. programme in the Mechanical Engineering Department.

On the basis of recommendation of SPGC in its meeting held on 27/03/2019 vide item No. 4, the proposal for changing the nomenclature of M.Tech. Programmes and to start a new M.Tech. Programme in Mechanical Engineering Department is given under for consideration:

(A) Change in the nomenclature of existing M.Tech. Programmes.

Present Name of the M.Tech. Specialization	Proposed Name
Thermal Engineering (CFD & HT)	Mechanical Engineering (Thermal Engineering)
CAD-CAM	Mechanical Engineering (Design Engineering)

Decision:

SENATE approved the revised name of programme as under:

New Name
M.Tech. Mechanical Engineering (Thermal)
M.Tech. Mechanical Engineering (Design)



- (B) To start new M.Tech. programme M.Tech. (Manufacturing Engineering) in Mechanical Engineering Department.

The SPGC recommended the proposal of Mechanical Engineering Department to start a new M.Tech. programme with nomenclature, M.Tech. in Mechanical Engineering (Manufacturing Engineering).

Decision:

SENATE approved the proposal to start new M.Tech. programme as M.Tech. Mechanical Engineering (Manufacturing) in Mechanical Engineering Department. The SENATE recommended the decision for the final approval of FC/BOG as per NIT Statutes clause 8(xii).

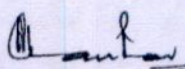
The meeting ended with a vote of thanks to the Chair.

The Minutes of the 27th meeting of Senate held on 30th March, 2019 at 10:00 AM in the conference hall of the Administrative Block, were circulated on April 03, 2019 amongst members, with the request that the comments, if any, may please be communicated within 10 (Ten) days.

Within the stipulated time period, only one honourable member Prof. Piar Chand, Professor M&H, NIT Hamirpur has submitted his comment(s) w.r.t. Item No. 24.16 (ATR). The comments were taken into cognizance. Since no other comments have been received, the Minutes of 27th Senate meeting confirmed in the 28th meeting of Senate.

Approved

(Prof. Vinod Yadava)
Director/Chairman Senate


Secretary, Senate
NIT Hamirpur