

राष्ट्रीय प्रौद्योगिकी संस्थान हमीरपुर हमीरपुर (हि.प्र.) – 177 005 (भारत)

NATIONAL INSTITUTE OF TECHNOLOGY HAMIRPUR

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





MINUTES OF 31ST SENATE THROUGH EMAIL CIRCULATION DATED 4TH JUNE, 2020.

The Agenda for 31st SENATE of NIT Hamirpur was sent through email circulation to the following Hon'ble members of SENATE for kind perusal/consideration. The suggestions/comments, if any, were sought to be received from the members upto 10/06/2020 via return email.

1.	Prof. Vinod Yadava	Chairman	director@nith.ac.in
_	Director, NIT Hamirpur.		· · · · · · · · · · · · · · · · · · ·
2.	Prof. M. R. Maurya Professor, Chemistry Department, IIT Roorkee.	Member	rkmanfcy@iitr.ac.in
3.	Prof. Purnima Singh Professor and Head, Humanities & Social Sciences Department, IIT Delhi.	Member	psingh@hss.iitd.ac.in
l.	Prof. R. P. Yadav Professor, Electronics & Communication Engineering Department MNIT Jaipur.	Member	rpyadav.ece@mnit.ac.in
5.	Prof. Amer Singh Singha Professor, Chemistry Department, NIT Hamirpur.	Member	asingha@nith.ac.in, singhaamar34@gmail.com
S	Prof. Anoop Kumar Professor, Mechanical Engineering Department, NIT Hamirpur.	Member	anoop@nith.ac.in
•	Prof. Ashwani Chandel Professor, Electrical Engineering Department, NIT Hamirpur.	Member	ashchandelin@nith.ac.in
•	Prof. Bhanu Marwaha Professor, Architecture Department, NIT Hamirpur.	Member	bhanu@nith.ac.in
-1	Prof. Narinder Singh Thakur Professor, Mechanical Engineering Department, NIT Hamirpur.	Member	nsthakur@nith.ac.in
0.	Prof. Piar Chand Professor, Humanities & Social Sciences Department, NIT Hamirpur.	Member	ryhalpc@nith.ac.in; ryhalpc@gmail.com
1.	Prof. (Ms.) Rajeevan Chandel Professor, Electronics & Communication Engineering Department, NIT Hamirpur.	Member	rchandel@nith.ac.in
2.	Prof. Rakesh Kumar Dutta Professor, Civil Engineering Department, NIT Hamirpur.	Member	rkd@nith.ac.in
3.	Prof. Ram Naresh Sharma Professor, Electrical Engineering Department, NIT Hamirpur.	Member	rnaresh@nith.ac.in
4.	Prof. Raman Parti Professor, Civil Engineering Department, NIT Hamirpur.	Member	ramanp@nith.ac.in
5.	Prof. Ravi Kumar Professor, Material Science & Engineering Department , NIT Hamirpur.	Member	ranade65@nith.ac.in
6.	Prof. Ravi Kumar Sharma Professor, Civil Engineering Department, NIT Hamirpur.	Member	ravi@nith.ac.in

17.	Prof. Sunil Professor, Mathematics & Scientific Computing Department, NIT Hamirpur.	Member	sunil@nith.ac.in
18.	Prof. Sunand Kumar Professor, Mechanical Engineering Department , NIT Hamirpur.	Member	sunand@nith.ac.in
19.	Prof. Sushil Chauhan, Professor, Electrical Engineering Department, NIT Hamirpur	Member	sushil@nith.ac.in
20.	Prof. Yog Raj Sood Professor, Electrical Engineering Department , NIT Hamirpur.	Member	yrsood@gmail.com yrsood@nith.ac.in
21.	Prof. Yogeshver Dutt Sharma Professor, Mathematics & Scientific Computing Department, NIT Hamirpur.	Member	yds@nith.ac.in

PART - I COMMENTS, CONFIRMATION AND ATR ITEMS

SENATE/MIN/31/2020-06/01: Comments received after circulation of Minutes of 30th meeting of SENATE

The minutes of the 30th meeting of SENATE held on 14th December, 2019 were circulated to all the members of SENATE through Email/Letter No. NIT/HMR/Academic/30th SENATE/2019/19487-19515 dated 19/12/2019 and no comments were received.

Decision:

The SENATE noted that no comments were received on the Minutes of 30th meeting of SENATE.

SENATE/MIN/31/2020-06/02 (A): Confirmation of Minutes of 30th meeting of SENATE

Copy of the Minutes of 30th meeting of SENATE as circulated was sent to the Hon'ble members of SENATE for confirmation.

Decision:

The SENATE confirmed the Minutes of 30th meeting of SENATE.

SENATE/MIN/31/2020-06/02 (B): Confirmation of Minutes of 1st Emergent SENATE, through email circulation dated 22nd May, 2020.

Copy of the 1st Emergent SENATE of NIT Hamirpur as circulated was sent to the Hon'ble members of SENATE for confirmation.

Decision:

The SENATE confirmed the Minutes of 1st Emergent SENATE.

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SENATE/MIN/31/2020-06/03 (A):

Action Taken Report (ATR) on the Minutes of 30th meeting of SENATE.

The item-wise ATR on the Minutes of 30th meeting of SENATE is as follows:

S.No.	Item No.	Agenda	Decision of 30th SENATE	Action Taken	Decision of 31st SENATE
1.	SENATE/MIN/30/2019- 12/03(2)	Comprehensive academic review report of the Institute.	constituted to design the standard format for submission	SENATE /2019/ 20491-97 dated 07/01/2020 to expedite the matter so that the same could be placed in the forthcoming SENATE	The SENATE noted the action taken and directed to expedite the matter.
2.	SENATE/MIN/30/2019- 12/03(4)	Award of Director's Medal to best all- rounder among UG/PG.	The SENATE noted the action taken and further directed that the Committee should expedite the action for timely submission of the report in the matter before 31st SENATE meeting.	not received in Registrar	The SENATE noted the action taken, and directed to expedite the matter.
3.	SENATE/MIN/30/2019- 12/03/04 (B)	Reporting Items Regarding details of Department- wise number of Degrees during 10th Convocation.	The SENATE noted the reporting item regarding details of Department-wise number of Degrees awarded during 10th Convocation, 2019 and further directed that, every year, after declaration of final degree results in the month of June/July, the Associate Dean (Examination & Evaluation) will submit the analysis of results report to Academic Section for placing the same in the SENATE meeting which will be scheduled first time in the following Academic year.	2019 / 20416-19 dated 06/01/2020.	The SENATE noted the action taken.



	4.	SENATE/MIN/30/2019	T T			
	7.	12/05	course structu	ne The SENATE approved the modified course structure of	of notification No. NIT /HMR	the action taken
			(Materials	h. B.Tech. (Materials Science and Engineering) for the curren second and third year B.Tech	nt 2019 / 19653-80 dated	
			Engineering) for	or students of DoMSE as	S	
			the currer	recommended by SBPC. The	Matter needs no further	
	e la	Maria Control	second and thir	a SENATE further directed that	t action.	
			year B.Tech	 this modified course structure 		
			students o	should be implemented from		
	i Çe		DoMSE.	even semester of academic session 2019-20.		
	5.	SENATE/MIN/30/2019-	Inclusion o			
		12/06	new/modified	f The SENATE approved the proposal for inclusion of	Decision implemented vide	The SENATE noted
.		A Section of the Control of the Cont	electives	new/modified electives		the action taken.
		The state of the same	(Departmental/Op	(Departmental/Open) in the	Academic Son SENATE	
		The Little Carry	en) in the B.Tech	B.Tech. Schemes of Mechanical Engineering.	00/04/0000	
		4	Schemes of	Mechanical Engineering, Chemical Engineering and		
			Mechanical	Material Science &	Matter needs no further	n -
		A STATE OF THE STA	Engineering,	Engineering for 7th & 8th	action.	,
			Chemical	semesters as recommended by SBPC. The SENATE		
		A NOTABLE OF STREET	Engineering and Material Science	£ 0 0		
		The American	& Engineering	approved inclusion of		
		The second of	(7th & 8th	Hewilloulled electives	la l	
		LL.	Semester).	(Departmental/Open) in the		
			is the wall had been a	Mechanical Schemes of Mechanical Engineering,	THE RESERVE	
		esta establica del como establic	Take the part of	Chemical Engineering, and		
		7	The state of the s	Material Science & Engineering (7th & 8th		
			1000	Engineering (7th & 8th Semester) shall be applicable	Calculation Calculation	
-				only for the students		
				admitted during academic	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	March 11
۱				year 2017-18 and 2018-19		
1		the		and should be implemented from academic session 2020-	altraction of the	+ ' ! '
-	6.	CENATE MAIN (CO.)	a chamine bally	21.		
1	0.	40107	To consider and	At the outset, the SENATE	Decision implemented vide	The SENATE noted
l			approve minor modification(s) in	statement "":	notification No. NIT /HMR I	he action taken.
			UG, PG and Ph.D	modification(s) in LIG PC and	/Academic/ 30 th SENATE/	
			Ordinances.	Ph.D ordinances" as referred to	2019 / 16681-19720 dated	
l			debord.	is significant bo read and	24/12/2019.	
		14	182-6		Matter needs no further	
		E	73.24	Ondin and	action.	
				Ordinances and Doctoral		- Ad -
				Ordinances". The SENATE		
			4.4	approved all modifications as were incorporated by the		
				Conveners of respective		
				Ordinance Committees for		
				Bachelor Ordinances, Master Ordinances and Doctoral		
				Ordinances and Doctoral Ordinances. The SENATE		
		10.00			and the second s	2

		ff se. (A (R) or see mergen).	further directed that the implementation of these Bachelor, Master and Doctoral Ordinances should commence with immediate without waiting for confirmation of Minutes.	the party of the p	7 A K 3 2
7.	SENATE/MIN/30/2019- 12/T-1	To decide the evaluation procedure for State-of-the-Art Seminar of M.Tech./ M.Arch. Programmes	The SENATE discussed the matter at length and it was decided that in the course Structure of M.Tech./M.Arch. programmes in Semester – III, the course on State-of-the-Art Seminar carrying 04 credits shall be merged with M.Tech./M.Arch. Dissertation resulting into credit of 20 and 18 in M.Tech and M.Arch. scheme respectively. The midsemester evaluation of M.Tech./ M.Arch. Dissertation will be mainly related to State-of-the-Art Seminar.	notification No. NIT /HMR /Academic/ 30 th SENATE/ 2019 / 20420-50 dated 06/01/2020. Matter needs no further action.	The SENATE noted the action taken.

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SENATE/MIN/31/2020-06/03 (B): Action Taken Report (ATR) on the 1st Emergent SENATE.

S.No	. Item No.	Agenda	Decision of 1 st Emergent SENATE	Action Taken	Decision of 31st SENATE
ad a	EMERGENT SENATE/MIN/01/05- 2020/01	To consider and approve criterion to workout number of seats for admission to PhD programme.	approved the criterion to workout number of seats for admission to Ph.D.	Decision implemented vide office order No. NIT /HMR /Academic/ 1st ESM/2020/24561-80 dated 03/06/2020.	The SENATE noted
			The number of MHRD (including MeitY) funded seats per department shall be 1.5 times the number of faculty members eligible for PhD supervision in that department. In the process, every eligible faculty member will have either one or at the most two MHRD/MeitY funded PhD Research Scholar(s) at given point of time. While working out vacant MHRD/MeitY funded seats for admission to PhD programme it will be eligible faculty based quota minus occupied seats in that department in the same		
	EMERGENT SENATE/MIN/01/05- 2020/02	Manage Academic Activities and Examination of Final Year UG and PG Students,	special provisions to manage	tee te	The SENATE noted the action taken.

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PART – II RATIFICATION AND REPORTING ITEMS

SENATE/MIN/31/2020-06/04:

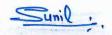
(A) RATIFICATION ITEMS

After approval of Hon'ble Chairman, SENATE, following items are submitted to SENATE for ratification:

- 1. Replacement of Course entitled "Methods of Applied Mathematical Physics (MA-601)" with a course entitled "Finite Element Method (ME-732)" with modified course scheme having new course code of ME-605.
- 2. Extension granted to Mr. Vishal Jagota, Reg. No. 2K13-Ph.D-ME-237, Ph.D. Scholar, Department of Mechanical Engineering.
- 3. Change of Ph.D programme from full-time to part-time in respect of Ms. Amita Singh, Reg. No. 2K17-Ph.D-EE-354, Ph.D. Scholar Department of Electrical Engineering.
- 4. Change of Ph.D programme from full-time to part-time in respect of Ms. Rashi, Reg. No. 2K16-Ph.D-Chem-319, Ph.D. Scholar Department of Chemistry.
- 5. Extension granted to Mr. Triveni Lal Pal, Reg. No. 2K14-Ph.D.-CSE-263, Ph.D. Scholar, and Department of Computer Science & Engineering.
- 6. Replacement of Course entitled "Computer Graphics" with a course entitled "Data Structures (CS-751)" as an open elective course for the students of other Department of M.Tech. Programme.
- 7. Opportunity granted to Mr. Ravi Kumar Ranjan, Reg. No. 2K19-Ph.D.-EE-438, Ph.D. Scholar, Department of Electrical Engineering to continue the course.
- 8. Change of M.Tech. programme from full-time to part-time in respect of Mr. Anshul Kumar, Roll No. 18M152, Department of Civil Engineering.
- 9. Change of Ph.D programme from full-time to part-time in respect of Mr. Anant Kumar Verma, Regn. No. 2K16-Ph.D-EE-313, Department of Electrical Engineering.
- 10. Proposal for Revision of Academic Calendar of Even Semester of Academic Year 2019-20.
- 11. Proposal for Allowing Industrial Training/Internship/Professional Training through Online Mode.
- 12. Proposal of UG Project/PG Project/Dissertation Writing Work during Preponed Summer Vacation.
- 13. Proposal of Allotment of UG Project Guides/ PG Dissertation Supervisors to UG/PG Pre-final Students.
- 14. Proposal of Deferring the PhD Admissions for the Academic Year 2020-21.
- 15. Recommendations on the Minutes of the Meeting of the Committee Constituted to look into the transfer of existing Ph.D. Scholars and M.Tech. students of CEEE.

Decision:

The SENATE ratified the recommendations accorded by Hon'ble Chairman, SENATE on points 1 to 15.



(B) REPORTING ITEMS

Admission statistics for academic session - 2019-20.

B.Tech./B.Arch. Admissions

SNo	Programme	Maximum Seats	Seats Filled
1.	B.Arch., Architecture	58	EC.14*
2.	B.Tech., Civil Engineering	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	56+1*
3.	B.Tech., Computer Science & Engineering	121	119
4.	Dual Degree, Computer Science & Engineering	120	120+1*+1**
5.	B Took Floaters 2.0 Science & Engineering	76	76+1*
	B.Tech., Electronics & Communication Engineering	116	116
6.	Dual Degree, Electronics & Communication Engineering	75	75
7.	B. Fech., Electrical Engineering	123	
8.	B.Tech., Mechanical Engineering		122
9.	B.Tech., Chemical Engineering	121	121
10.	B.Tech., Material Science & Engineering	76	75
		39	37
-	Total	925	917+3*+1**

*DASA Admissions

**MEA Admission

M.Tech./M.Arch. Admissions

SNo	- Parametra Contro	M.Tech./M.Arch. Programme	Maximum Seats	Seats Filled
1.	Civil Engineering	Geotechnical Engineering & Under Ground Structures	19	18
	1	Structural Engineering	19	19
		Transportation Systems Engineering	19	18
		Water Resources Engineering	19	
		Environment Engineering	19	14
2.	Electrical Engineering	Power System	19	12
		Signal Processing & Control	19	18
	Lasting of the public	Condition Monitoring, Control & Protection of Electrical Apparatus	19	10
3.	Mechanical Engineering .	Thermal Engineering (Computational Fluid Dynamics and Heat Transfer)	19	17
		CAD-CAM	19	08
1		Energy Technology	19	06
4.	Electronics & Communication	VLSI Design Automation & Techniques	19	18
-	Engineering	Communication Systems & Networks	19	16
5.	Computer Science & Engineering	Computer Science & Engineering	19	19
_	The Mark State of the State of	Mobile Computing	19	
6.	Architecture	M.Arch. in Sustainable Architecture		14
TERE		Total	19 304	13 232

MSc Admissions

S.No	Department	Programme	Maximum Cont	
1.	Physics & Photonics Science	M.Sc. (Physics)	Maximum Seats 25	Seats Filled
2.		M.Sc. (Chemistry)	25	20
	Mathematics & Scientific	M.Sc. (Mathematics & Computing)	25	17
- 10		Total	75	55



MBA Admissions

Sr. No.	Department	Programme	Maximum Seats	Seats Filled
1.	Management Studies	MBA	40	15

PhD Admissions

Sr.	Departments		Seat(s) filled	
No.	A - A a la management grapher a	Admission July, 2019		Admission January, 2020	
	and the state of	FT01	FT02	FT01	FT02
1.	Architecture	05		01	
2.	Civil Engineering	15	1265-12.00	04	
3.	Computer Science & Engineering	11	02	01	harta- I
4.	Electronics & Communication Engineering	13	01	02	01
5.	Electrical Engineering	12	EACH NOTE LINE	01	The state of the s
6.	Mechanical Engineering	19		08	
7.	Chemical Engineering	01	incernitie X eco		
8.	Material Science & Engineering	03	that was in the services	Promise O Pet	1.507.52 10
9.	Chemistry	03		01	Sales X
10.	Physics & Photonics Science	03			1 mat 2 . 5
11.	Mathematics & Scientific Computing	05	02	01	01
12.	Management Studies	03	ent Statement	01	of official Expansion
13.	Humanities & Social Sciences	04	01	01	IL REPUBLICATION
	Total	97	06	21	02

FT01 - Full Time Research Scholars - Fellowship Research Scholars

FT02 - Full Time Research Scholars supported by govt. funded agencies.

Decision:

The SENATE noted all the above reporting items.



PART - III NEW ITEMS

SENATE/MIN/31/2020-06/05:

To consider and approve the course structure & syllabi for B.Tech./B.Arch./Dual Degree programme (2nd year onwards).

It has reference to the decision taken in the 27th meeting of SENATE against Item No. SENATE/MIN/27/2019-03/16 (A & B), wherein course curriculum was approved for the first year of B.Tech. B.Arch. and Dual Degree programmes and implemented from academic year 2019-20. In continuation with that, course curriculum is framed for 2nd year and onwards and thoroughly deliberated in the DBPC of respective Department and subsequently recommended by the SBPC in its meeting held on 03/06/2020 for the final approval of the SENATE. The course structure and syllabi for the programmes listed below is placed before the SENATE.

- 1. B.Tech. (Civil Engineering), Civil Engineering Department
- 2. B.Tech. (Electrical Engineering), Electrical Engineering Department
- 3. B.Tech. (Mechanical Engineering), Mechanical Engineering Department
- 4. B.Tech. (E&CE), Electronics & Communication Engineering Department
- 5. Dual Degree (E&CE), Electronics & Communication Engineering Department
- 6. B.Tech. (CSE), Computer Science & Engineering Department
- 7. Dual Degree (CSE), Computer Science & Engineering Department
- 8. B.Tech. (Chemical Engineering), Chemical Engineering Department
- 9. B.Tech. (MSE), Material Science & Engineering Department
- 10. B.Tech. (Engineering Physics), Physics & Photonics Science Department
- 11. B.Tech. (Mathematics & Computing), Mathematics & Scientific Computing Department
- 12. B.Arch., Architecture Department

It is further proposed that Open Electives and Professional Electives of new Scheme will replace their counterparts of old scheme for the benefit of students currently going into the third year and fourth year of old scheme.

Decision:

The SENATE approved the new course structure and syllabi for B.Tech./B.Arch./Dual Degree programme (2nd year onwards) as recommended by SBPC, for its implementation for students admitted in the academic year 2019-20 and onwards.

The SENATE also approved the proposal for extending the benefits of Open Electives and Professional Electives of new Scheme to students currently going into the third year and final year of old scheme by replacing the old ones by their new counterparts.

The new course structure & syllabi for B.Tech./B.Arch./Dual Degree programmes (2nd year onwards) as approved by the SENATE is enclosed as Annexure-5

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SENATE/MIN/31/2020-06/06:

To consider and approve course curriculum (first year only) for B.Tech. (Engineering Physics) and B.Tech. (Mathematics & Computing).

It is submitted that two new UG programmes namely B.Tech. (Engineering Physics) and B.Tech. (Mathematics and Computing) are scheduled to be launched from academic session 2020-21. Course curriculum at the first year level has been kept common for all existing B.Tech./Dual Degree programmes to facilitate change of branch at the end of first year. While taking these two new B.Tech. programmes on board in the ensuing academic session, it is proposed that these newly inducted programmes will have the same course curriculum during first year as already in operation for rest of B.Tech. and Dual Degree programmes from academic session 2019-20. To ensure its smooth implementation B.Tech. (Mathematics & Computing) will go along with Dual degree Computer Science & Engineering group whereas B.Tech. (Engineering Physics) will join the group of Dual Degree Electronics & Communication Engineering.

Decision:

The SENATE approved that the newly inducted programmes B.Tech. (Engineering Physics) and B.Tech. (Mathematics & Computing), scheduled to be inducted from academic session 2020-21, will have the same course curriculum during first year as already approved and is in operation for rest of B.Tech./Dual Degree programmes from academic session 2019-20.

SENATE/MIN/31/2020-06/07:

To consider and approve revised course curriculum for the following PG programmes:-

- (1) M.Tech. Civil Engineering (Environment)
- (2) M.Tech. Mechanical Engineering (Energy Technology)

It is submitted that consequent to restructuring of the Centre for Energy and Environment Engineering (CEEE) M.Tech. programme in Environmental Engineering and Energy Technology are transferred to Civil Engineering and Mechanical Engineering Department respectively. To align these programmes as per the strength and expertise available in the respective Department and to keep pace with the fast changing trends in technology these course curricula have been revised and proposed to be implemented from academic session 2020-21. Course structure along with syllabi for these programme after due recommendations of SMPC in its meeting held through online mode on May15, 2020 is placed before the SENATE as per **Annexure-7**.

Decision:

The SENATE approved the revised course curriculum for the following PG programmes:

- (1) M.Tech. Civil Engineering (Environment)
- (2) M.Tech. Mechanical Engineering (Energy Technology)

MINUTES of 31ST SENATE

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The revised course curricula for M.Tech. Civil Engineering (Environment) and M.Tech. Mechanical Engineering (Energy Technology) as approved by SENATE are enclosed as **Annexure-7** and will come into force from academic session 2020-21.

SENATE/MIN/31/2020-06/08:

To consider and approve remuneration rates for External Expert of Fellowship Enhancement Board (FEB).

It is submitted that an External Expert is invited by the Institute as a member of Fellowship Enhancement Board (FEB) to assess the performance of Ph.D Scholars for revision of Ph.D fellowship (JRF to SRF) after completion of two years in Ph.D program. Although, as on date, there is no exclusive remuneration rate defined for this purpose, however, examiners are paid at par (@ Rs. 4000/- per candidate) with those called for conducting Ph.D. comprehensive examination. Hence for the sake of bringing clarity and completeness into the record, it is proposed to pay. Rs. 4000/- per scholar as remuneration to External Expert invited to evaluate the performance of the research scholar for fellowship enhancement, subject to a maximum limit of Rs. 10000/- per day.

Decision:

The SENATE approved the proposal to pay Rs. 4000/- per scholar as remuneration to External Expert invited to act as member on Fellowship Enhancement Board (FEB), subject to a maximum limit of Rs. 10000/- per day.

The agenda of the 31st Senate Meeting held through email circulation on dated 4th June, 2020 was circulated amongst members with the request to submit suggestions/comments, if any by 10/06/2020 via return mail.

No comments were received within the stipulated time period. The Institute can implement such decision of the Senate, accordingly.

15 07 2020 Secretary, Senate

Approved

Chairman, Senate
