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MINUTES OF 10th MEETING OF SENATE, NIT, HAMIRPUR, HELD IN THE COMMITTEES ROOM OF NIT, HAMIRPUR, ON 30th OCTOBER, 2008 UNDER THE CHAIRMANSHIP OF DIRECTOR-cum-CHAIRMAN, SENATE, NIT, HAMIRPUR.

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|-----|---|----------|----------------|
| 1. | Prof. I. K. Bhat,
Director,
NIT, Hamirpur (HP). | Chairman | (2) 07/18/11/2 |
| 2. | Dean (P&D),
NIT, Hamirpur (HP). | Member | g |
| 3. | Dean (Academic & IP),
NIT, Hamirpur (HP). | Member | |
| 4. | Dean (IRD&C),
NIT, Hamirpur (HP). | Member | |
| 5. | Dean (Student & Alumni Affairs),
NIT, Hamirpur (HP). | Member | h |
| 6. | Prof. R. L. Sharma,
Civil Engg. Department,
NIT, Hamirpur. | Member | (2) 18/11/11 |
| 7. | Prof. Ravi Kumar Sharma,
Department of Civil Engineering,
NIT, Hamirpur (HP). | Member | 18/11/11 |
| 8. | Prof. Raman Parti,
Department of Civil Engineering,
NIT, Hamirpur (HP). | Member | |
| 9. | Prof. J. N. Sharma,
Prof. in Mathematics,
App.Sc. & Hum. Department,
NIT, Hamirpur (HP). | Member | |
| 10. | Prof. A. S. Singha,
Prof. in Chemistry,
App.Sc. & Hum. Department,
NIT, Hamirpur (HP). | Member | (1) 18/11/11 |
| 11. | Prof. Piar Chand,
Deptt. of Applied Science & Humanities,
NIT, Hamirpur. | Member | |
| 12. | Prof. Y. D. Sharma,
Deptt of Applied Science & Humanities,
NIT, Hamirpur. | Member | |
| 13. | Prof. Y. R. Sood,
Department of Electrical Engineering,
NIT, Hamirpur (HP). | Member | 18/11/28 |

- | | | |
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| 14. | Prof. Sushil Chauhan,
Department of Electrical Engineering,
NIT, Hamirpur (HP). | Member |
| 15. | Prof. R.N. Sharma,
Electrical Engg. Deptt.,
NIT, Hamirpur. | Member |
| 16. | Prof. Rakesh Sehgal,
Department of Mechanical Engineering,
NIT, Hamirpur (HP). | Member |
| 17. | Prof. Sunand Kumar,
Department of Mechanical Engineering,
NIT, Hamirpur (HP). | Member |
| 18. | Prof. Amba Datt Bhat,
Department of Mechanical Engineering,
NIT, Hamirpur (HP). | Member |
| 19. | Prof. Anoop Kumar,
Department of Mechanical Engineering,
NIT, Hamirpur (HP). | Member |
| 20. | Prof. Lalit Kumar Awasthi,
Department of Comp. Sc. & Engineering,
NIT, Hamirpur (HP). | Member |
| 21. | Prof. Vinod Kumar,
Electronics & Commn. Engg.,
NIT, Hamirpur. | Member |
| 22. | Ar. Minakshi Jain,
Prof. in Architecture,
NIT, Hamirpur. | Member |
| 23. | Head,
Department of Civil Engineering,
NIT, Hamirpur. | Member |
| 24. | Head,
EED, NIT, Hamirpur (HP). | Member |
| 25. | Head,
E&CED, NIT, Hamirpur (HP). | Member |
| 26. | Head,
CSE, NIT, Hamirpur (HP). | Member |
| 27. | Head,
MED, NIT, Hamirpur (HP). | Member |

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|-----|--|-----------------|
| 28. | Head,
Department of Architecture,
NIT, Hamirpur (HP). | Member |
| 29. | Head,
App. Sc. & Hum. Department,
NIT, Hamirpur (HP). | Member |
| 30. | Training and Placement Officer;
NIT, Hamirpur (HP). | Member |
| 31. | Chief Warden Hostels,
NIT, Hamirpur (HP). | Member |
| 32. | Er.O.P.Minhas,
Director (VTM),
DoT, Khalini, Shimla-9. | Member |
| 33. | Chairman,
SUGC, NIT, Hamirpur | Special Invitee |
| 34. | Sh. A.L.SHARMA,
Registrar, NIT, Hamirpur. | Secretary |

FIRST PART

Confirmation of the minutes of 9th meeting of Senate, NIT Hamirpur (HP).

Since no comments have been received, therefore, the minutes of 9th meeting held on 22nd July, 2008 were confirmed.

SECOND PART

Action taken on the decision of 9th meeting of Senate held on 22.7.2008.

ITEM No.9.1: TO APPROVE THE CHANGE OF TITLE OF RUNNING P.G.PROGRAMME "ADVANCED POWER SYSTEM" TO "POWER SYSTEM".

Action complete item dropped.

Item No.9.2: TO APPROVE THE CHANGE OF TITLE OF NEW P.G. PROGRAMME BEING STARTED FROM JULY, 2008 FROM "ADANCED ELECTRICAL ENGINEERING" TO

"ELECTRICAL ENGINEERING (Signal Processing & Control)" & APPROVAL OF TEACHING SCHEDULE & SCHEME OF EXAMINATION THEREOF.

Action complete item dropped.

Item No. 9.3: TO APPROVE STARTING OF Ph.D. IN ARCHITECTURE.

After detailed discussions the Senate decided that the proposal to start Ph. D. in Architecture be kept in abeyance, because at present there is no faculty member having Ph.D. Degree in Architecture Deptt.

Item No.9.4: TO APPROVE THE SAMPLE OF THE TITLE PAGE AND CERTIFICATE IN RESPECT OF THE MAJOR PROJECT REPORT OF B.TECH. FINAL YEAR AND M.TECH. STUDENTS.

Action complete item dropped.

Item No.9.5: APPROVAL OF THE ACADEMIC CALENDAR FOR THE SESSION 2008-2009

Action complete item dropped.

Item No.9.6: TO APPROVE THE REVISED COURSE STRUCTURE OF M.TECH. (CAD – CAM)

Action complete item dropped.

Item No.9.7: APPROVAL OF THE ADMISSION CRITERIA FOR M.TECH. (SLOW PACE).

Action complete item dropped.

Item No.9.8: TO APPROVE THE RECOMMENDATIONS OF STANDING COMMITTEE OF SENATE, NIT, HAMIRPUR.

Action complete item dropped.

Action against the recommendations of 15th meeting of Standing Committee of Senate Sr. No. (i), (ii) & (iii) has already been completed hence the item dropped. However, the name of new M. Tech. Programme mentioned as "Communication Networks" be read as "Communication Systems & Networks"

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TABLED ITEMS

ITEM No.9.1: TO APPROVE THE MODIFIED UG/PG MANUALS

Action complete item dropped.

ITEM NO.9.2: TO APPROVE THE REVISED COURSE STRUCTURES AND SCHEMES OF ELECTRICAL ENGINEERING DEPARTMENT.

Action complete item dropped.

PART THIRD (NEW ITEMS)

Item No.10.1: GRANT OF RELAXATION IN ELIGIBILITY CRITERIA FOR REGISTRATION TO Ph.D. IN HUMANITIES IN THE CASE OF SH. D.S. JASWAL, SR. LIBRARIAN, NIT, HAMIRPUR.

After detailed deliberations the Senate did not approve to grant relaxation in eligibility criteria for registration to Ph.D. in humanities on the following grounds:

- (i) Presently, the existing rules do not permit relaxation in the eligibility criteria.
- (ii) Sh. D. S. Jaswal, Librarian, will attain the age of his Superannuation during the year 2011, hence, he will hardly complete his Ph.D. Degree before his retirement and hence the Institute will not get any benefit, if Sh. D.S. Jaswal acquires higher qualification of Ph.D. after his retirement. Such cases in future should be resolved by SPGC and may be reported to Senate only.

Item No.10.2: TO APPROVE ALL THE SUBJECTS TAUGHT IN M. TECH. VLSI AS DEPARTMENTAL ELECTIVES FOR B. TECH. ELECTRONICS & COMMUNICATION ENGG.

The Senate while approving the proposal to adopt all the subjects taught in M. Tech. VLSI as Departmental Electives for B. Tech .E&CED also decided that it should also be extended to all other Departments uniformly. However, the pre-requisites for implementing the above proposal be identified by the concerned HODs. before hand.

Item No. 10.3: PERMISSION TO START M. TECH. IN COMMUNICATION SYSTEM & NET WORKS IN THE DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING IN PLACE OF COMMUNICATION ENGG.

The Senate approved that new M. Tech. Programme titled "Communication Systems & Networks" which has earlier been approved to be started from July, 2008 may now be started from July, 2009 as per the recommendations of HOD, E&CED. The Senate also resolved that in future such decisions be taken at the level of Dean (Academic) in consultation with Chairman SPGC & SUGC.

Item No.10.4: AWARD OF DEGREES TO PASS OUT B. TECH., B. ARCH. & M. TECH. STUDENTS DURING ACADEMIC YEAR 2008.

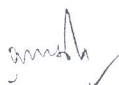
The Senate approved the lists of B. Tech., B. Arch. and M. Tech. students who have passed out during the Academic Year 2008 and recommended to the Board of Governors to grace the Degrees to these students in the 3rd Convocation of NIT, Hamirpur, scheduled to be held on 3rd January, 2009. It is also recommended that the Director-cum-Chairman Senate may also be authorized to make any addition/deletion in the list, if required.

Item No.10.5: TO APPROVE THE NAMES OF STUDENTS FOR AWARD OF DIRECTOR'S MEDAL (GOLD MEDAL) TO BRANCH TOPPERS AND OVERALL TOPPER AMONG ALL THE BRANCHES AND BEST STUDENT AWARD FOR THE YEAR 2008.

The Senate approved the list of students for the award of Director's Medal (Gold Medal) to Branch toppers and Best Students Award for the year 2008 and further recommended to the BOG to approve the same.

Item No.10.6: TO APPROVE FOR THE GRACE OF M.TECH. DEGREES IN SPECIALIZED FIELD TO THE M.TECH. STUDENTS OF DIFFERENT DEPARTMENTS ON THE ANALOGY OF MECHANICAL ENGG. DEPARTMENT.

The Senate approved the proposal to grace the M. Tech. Degrees in specialized fields to the M. Tech. students of all Departments on the analogy of Mechanical Engg. Deptt. The Provisional Degree Certificates may also be graced by incorporating the field of specialization as approved in the Course Scheme.



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Item No.10.7: REGISTRATION OF Ph. D. CANDIDATES FOR 1st SEMESTER FOR THE SESSION AUGUST, 2008.

The Senate has approved the registration of following Ph. D. students, who have admitted in 1st Semester in August, 2008:

Ph. D. Students Admitted during 2008-09:

Electronics & Commn. Engg.

Sr. No	Regd. ID	Name of Candidate	Ph. D Programme	Name of Supervisor(s) /Co-supervisor	Nature of Programme			
					Full Time	Part Time	Off. Campus	NIT Facul
1	50077	Ms. Baljeet Kaur D/o Sh. Surjeet Singh 731-D, Model Town Extention, Ludhiana	Optical Communic ation	Dr. Vinod Kapoor	-	-	Off Campu s	-
2.	50147	Mr. Philemon Daniel P S/o Sh. Paul Daniel Deptt. of Electronics & Engg., NIT, Hamirpur	VLSI Design	Dr. Rajeevan Chandel	-	Part Time		
3.	650032	Mr. Jagjit Singh S/o Sh. Darshan Singh #292, Home No.3 Friends Colony, Jalandhar-144 008	Optical Fiber Comm.	Dr. Vinod Kapoor	-	-	Off Campus	-

Electrical Engineering

1	50054	Mr. Ved Parkash S/o Sh. Tek Chand #66, Subhash Colony, Mall Godown Near Salasar Mandir, Sirsa Haryana	Power System	Dr. Yog Raj Sood	-	-	Off Campus	
2.	50057	Ms. Renu Thakur D/o Sh.S.S. Verma House No. 421 , Ward No. 1, Hamirpur (HP)	Power System	Dr. Y. R. Sood	Full Time	-	-	-
3.	50118	Mr.Sanjeev Kumar Bhalla S/o Sh. Keshave Dass Bhalla,#99, B.S.F. Colony, P.O. New Grain Market, Jalandhar City.	Power System	Dr. R.K. Jarial	-	-	Off Campus	-
4.	50228	Mr. Daljit Singh S/o Sh. Ranbir Singh, H. No. 207, Punjab Engg. College Campus, Sector- 12- C, Chandigarh	Power System	Dr. Yog Raj Sood	-	-	Off Campus	

Civil Engineering								
1	50211	Sh. Vikas Sood S/o Sh. G. C. Sood, VPO Rajpura, The. Palampur, Distt. Kangra (HP)	Structures & Transporta tion	Dr. Pardeep Kumar & Dr. Raman Parti	-	Part Time	-	-
2	50129	Mr. Manpreet Singh Bedi S/o Sh. Jagdish Singh Bedi, CED, DAV Institute of Engineering and Technology, Kabir Nagar, Jalandhar (Pb.)	Env Engg.	Dr. Surjit Singh	-	Part Time	-	-
Mechanical Engineering								
1.	50018	Mr. Robin Kumar Bagchi S/o Sh. Phanindra Nath Bagchi H. No. 1193, Sector - 42/B, Chandigarh- 160036	Tribology	Dr. Rakesh Sehgal	-	-	Off Campus	-
2.	50023	Mr. Harsdeep Sharma S/o Sh. M.R. Sharma Asstt. Prof., Deptt. of Mechanical Engg., HIET-766, NH-24, Ghaziabad (UP) - 201001	Thermal Engg	Dr. Anoop Kumar	-	-	Off Campus	-
3.	50088	Mr. Devinder Priyadarshi S/o Sh. K.L. Dweser #62 First Floor, Saraswati Vihar Jalandhar-144008	Design	Dr. Rajesh Sharma	-	-	Off Campus	-
4.	50096	Mrs. Mamatha T.G. D/o Sh. Gangadhariah N.# 30FF, Neelamvihar Kausham, B1 Gaziabad (UP)	Production/ Industrial	Dr. A.D. Bhatt	-	-	Off Campus	-
5.	50110	Sh. Nirmal Singh S/o Sh. Manohar Singh, Lecturer, Mech. Engg. Deptt. , Beant College of Engineering , Gurdaspur- 143521 (Pb)	Production/ Industrial	Dr. Rakesh Sehgal	-	-	Off Campus	-
6.	50181	Mr. Udai Chandra Jha S/o Sh. Bhagirath Jha, Kanpur Institute of	Design	Dr. Sunand Kumar	-	-	Off Campus	-

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		Technolog, A-1 Rooma , Industrial Area, Kanpur (UP) -208007						
7	50235	Mr. Nitin Agarwal S/o Sh. Harish Chandra Agarwal, Moradabad Institute of Tech., Ramaganga Vihar, Phase-II, Moradabad (UP)	Robotics	Dr. S.K. Pradhan	-		Off Campus	-
8.	50251	Mr. Veerendra Kumar, S/o Late Sh. Rameshwar Dayal, Prof. of Mechanical Engg., Govt. Engg. College Jabalpur (MP) -482011	Design	Dr. A.D. Bhat & Dr. I.K. Bhat	-	-	Off Campus	-
9.	50260	Mr. Gautam Kumar, S/o Sh. Ram Dev Das, Q. No. 10- II- 96, Post – Panari Obra, Distt. Sonebhadra (UP)- 231219	Thermal Engg	Dr. Anoop Kumar	Full Time	-	-	-

Computer Sc. & Engg.

1.		Mrs. Manju Bala, D/o Sh. Sansar Chand, # AA 11, NIT Campus Dr. B.R. Ambedkar National Institute of Technology, G.T. Road, Jalandhar.	Broad Area “Ad-hoc & Sensor Network”	Dr. Lalit Awasthi			Off Campus	
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Applied Science and Hum.

1.	50043	Mr. Naresh Kumar Dhiman S/o Sh. Ranjha Ram Dhiman, C/o Sh. Dev Raj(Jr. Assistant), DFO Office, Hamirpur (HP)	Physics	Dr. Arvind Thakur	Full Time	-	-	-
2.	50061	Ms. Shilpa Dogra D/o Sh. Vinod Kumar Dogra, C/o Dogra Medical Store (Bassi Bhoranj), -176045 Distt. Hamirpur	Chemistry	Dr. Pamita Awasthi	Full Time	-	-	-
3.	50162	Mr. Sanjeev Kumar S/o Sh. Ramesh Kumar, c/o Dr. Pawan Kumar Sharma, Applied	Mathematics	Dr. Pawan Kumar Sharma	Full Time	-	-	-

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		Science & Humanities, NIT, Hamirpur (HP)						
5.	50011	Ms. Himanshu D/o Sh. R..C. Lakhanpal, Him Kunj M 21-B, Housing Board Colony, Hamirpur -177001	Educational Management	Dr. Piar Chand & Dr. I.K.Bhat	-	Part Time	-	-

**Item No.10.8: TO APPROVE THE RECOMMENDATIONS OF THE
STANDING COMMITTEE OF SENATE, NIT, Hamirpur.**

The following decisions taken by the Standing Committee of Senate in its 16th meeting held on 19/08/2008 have been approved in the Senate:

- (1) Change of dates in the Academic Calendar for the year-2008 for organizing the Cultural Festival as 7th - 9th November, 2008 instead of 17th -19th October, 2008.
- (2) To modify the number of credits from 04 credits to 03 credits as mentioned in the Course Scheme of Open Elective (OE-3511) offered by the Elect. Engg. Deptt. in 5th Semester.
- (3) Inclusion of the following Open Electives in the list of Mechanical Engg. Deptt:
 - (i) OE-351 Industrial Robotics
 - (ii) OE-351 Finite Element Methods
 - (iii) OE-351 Total Quality Management
- (4) To modify the Course Code of Electrical Machine Drives & Control from EE-231 to EE-233.

TABLED ITEMS

**ITEM NO.10.1(T): TO APPROVE TWO COURSE CONTENTS FOR M.TECH.
ONE (ME-603) FROM THE ODD & EVEN SEMESTERS
AND ANOTHER (ME-613) FROM THE FORTHCOMING
SEMESTERS.**

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The Senate approved the recommendation of DPGC of Mech. Engg. Deptt. for introducing two Course-Contents for M. Tech. viz; ME-603 : CNC Technology (Computer Aided Design & Manufacturing) already running and ME-613- Flexible Manufacturing Systems from the forthcoming Semester in 2009.

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ITEM NO. 10.2(T): APPROVAL OF THE DECISIONS TAKEN IN THE SUGC MEETING HELD ON 23/10/2008.

The following matters were referred by the SUGC to Senate for consideration and decision: -

- (1) Request of Mr. Akash Aggarwal for allowing extra time during examination.

After detailed discussions the Senate did not approve the request of Mr. Akash Aggarwal as no such provision exists in the Rules. However, the Dean (Academic) has been asked to seek information from various other examination bodies in order to lay policy in such cases.

- (2) Permission to allow the students of 7th Semester and 5th Semester to clear their back-log papers (Maximum 2 subjects) in Winter Semester.

After detailed discussions the Senate allowed the students of (3rd year) 5th Semester only to clear their back-log papers (2 subjects maximum) in the forthcoming Winter Semester.

The Senate also approved that Survey Camp of Civil Engg. Deptt. Students are shifted to Winter break in future which is presently being conducted in Summer Vacations.

- (3) Grant of Two Semester Leave for Mr. Anand R.V. Roll
No.05236, 07354

The Senate approved to grant two Semester Leave to Mr. Anand R.V. in accordance with the provisions contained under Clause 8.3 of U.G. Manual in the light of his health condition supported by Medical Certificates.

- (4) Item Nos. 3 and 4 of SUGC meeting stands rejected in view of the decision taken at S. No.2 of item No. 10.2 (T) above.
- (5) The Senate approved that submission of Migration Certificate by the Students sponsored by the Ministry of External Affairs be not insisted upon.
- (6) Regarding the proposal of DUGC of E&CED to allow weightage of 02 (two) credits for the Training Programme on HDL Verilog & SPICE being conducted for 2nd and 3rd year students from 23rd to 29th November, 2008 the Senate decided that the proposal be referred back to the SUGC for
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assessment and appropriate recommendation to the Senate to take decision in the matter. It is also decided that such matters must have prior approval of the competent bodies.

ITEM No. 10.3(T): CREATION/SETTING UP OF SEPARATE DEPARTMENTS OF APPLIED SCIENCES, HUMANITIES & SOCIAL SCIENCES.

The Senate recommended the creation/setting of following Separate Departments in NIT, Hamirpur, subject to the approval of BOG: -

- (1) Department of Mathematics
- (2) Department of Physics
- (3) Department of Chemistry
- (4) Department of Humanities & Social Sciences.

ITEM No. 10.4 (T): CREATION OF R&D CENTRES AT NIT, HAMIRPUR.

The Senate approved the creation of following R&D Centre:-

- (1) Bio- Technology Centre
- (2) Material Science Centre
- (3) Management Studies & Research Centre.
- (4) Energy & Environment.Centre.

Following Core Committees have also been constituted for the establishment of above Centres: -

1. BIO- TECHNOLOGY CENTRE (CORE- COMMITTEE)

- | | | |
|------|---|--------------|
| i) | Dr. Pamita Awasthi, Lecturer | Co-ordinator |
| ii) | Prof. A. S. Singha | Member |
| iii) | Dr. S.S. Katoch, AP in CED | Member |
| iv) | Expert member from any IIT and/or University. | |

2. MATERIAL SCIENCE (CORE- COMMITTEE)

- | | | |
|------|---------------------------------------|--------------|
| i) | Prof. A. S. Singha | Co-ordinator |
| ii) | Mr. Patnaik | Member |
| iii) | Dr. Subhash, AP in Physics | Member |
| iv) | Expert member from any IIT & or Univ. | |
| | Dr. Jitendra Kumar, IIT, Roorkee | Member |
| v) | Sh. Anuj Jain, MNNIT, Allahabad | Member |

3. MANAGEMENT STUDIES & RESEARCH CENTRE
(CORE- COMMITTEE)

- | | | |
|------|------------------------------|--------------|
| i) | Dr. Sunand Gupta | Co-ordinator |
| ii) | Dr. Somesh Sharma | Member |
| iii) | Dr. Piar Chand | Member |
| iv) | Dr. Vinod Kapoor | Member |
| v) | Expert from other University | Member |

4. ENERGY & ENVIRONMENT CENTRE (CORE-
COMMITTEE)

- | | | |
|------|---------------------------|--------------|
| i) | Dr. N. S. Thakur | Co-ordinator |
| ii) | Dr. Anoop Kumar | Member |
| iii) | Dr. S.S. Katoch | Member |
| iv) | Dr. Prashant Kumar | Member |
| v) | Expert from any other IIT | Member |

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

[Signature]
Secretary Senate,
NIT, Hamirpur.

No. NIT/HMR/10th Senate/2008/363/ 5787-5820 Dated: 12-11-08

Copy to all above members for information and necessary action please.