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**National Institute of Technology, Hamirpur-177005
(Deemed University)**

MINUTES OF 7TH REGULAR MEETING OF SENATE OF NATIONAL INSTITUTE OF TECHNOLOGY, HAMIRPUR (H.P.) HELD ON 22-06-2007 AT 02:30 PM IN THE CONFERENCE HALL, ADMINISTRATIVE BLOCK, NIT, HAMIRPUR (H.P.) UNDER THE CHAIRMANSHIP OF PROF. I.K. BHAT, DIRECTOR-CUM-CHAIRMAN, SENATE, NIT, HAMIRPUR (H.P.)

The following were present:

1. Prof. I.K. Bhat
Director
NIT, Hamirpur
2. Dr. R.L. Sharma
Professor in Civil Engineering Department
NIT, Hamirpur.
3. Dr. J.N. Sharma
Prof. in Mathematics
Applied Science and Humanities Department
NIT, Hamirpur.
4. Dr. A.S. Singha,
Prof. in Chemistry
Applied Science and Humanities Department
NIT, Hamirpur.
5. Dr. Rakesh Sehgal
Prof. Department of Mechanical Engineer
NIT, Hamirpur.
6. Dr. Raman Parti
Prof. Department of Civil Engineering
NIT, Hamirpur.
7. Dr. Sushil Chauhan
Prof. Department of Electrical Engineering
NIT, Hamirpur.
8. Dr. Lalit Kumar Awasthi
Prof. Department of Computer Science and Engineering
NIT, Hamirpur.

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9. Dean (P&D),
NIT, Hamirpur.
 10. Dean (Academic & IP)
NIT, Hamirpur.
 11. Dean (IRD&C)
NIT, Hamirpur.
 12. Dean (Students & Alumni Affairs)
NIT, Hamirpur.
 13. Head
CED, NIT, Hamirpur
 14. Head
EED, NIT, Hamirpur
 15. Head
E&CED, NIT, Hamirpur.
 16. Head
CSE, NIT, Hamirpur.
 17. Head
MED, NIT, Hamirpur.
 18. Head
Department of Architecture
NIT, Hamirpur.
 19. Head
Applied Science and Humanities Department
NIT, Hamirpur.
 20. Training and Placement Officer
NIT, Hamirpur
 21. Chief Warden Hostels,
NIT, Hamirpur.
 22. Dr. P.K. Ahluwalia
Professor and Chairman
Physics Department,
Himachal Pradesh University
Shimla-171005 (H.P.)

23. Er. O.P. Minhas
Director (VTM) DOT, Hari Niwas, Khalini
Shimla.
24. Prof. S.K. Kaushik
Dera Baba Jaimal Singh Radha Soami Satsang
Beas-1432004, District Amritsar.
25. Chairman
SPGC, NIT, Hamirpur.
26. Chairman
SUGC, NIT, Hamirpur.
27. Registrar
NIT, Hamirpur.

At the very outset Director-cum-Chairman, Senate, NIT, Hamirpur (HP) welcomed the learned members of the Senate for sparing their valuable time to attend the meeting. Then the agenda was taken up for discussion.

FIRST PART

(HP) Confirmation of the minutes of 6th meeting of Senate, NIT, Hamirpur

Since no comments have been received therefore, the minutes of the 6th meeting held on 01-05-2006 were confirmed.

SECOND PART

Item No: 6.1

TO CHANGE THE NAME OF ELECTRICAL ENGINEERING
DEPARTMENT AS ELECTRICAL AND ELECTRONICS
ENGINEERING DEPARTMENT

The new item has been brought under item No. 7.10, therefore, item was dropped from here.

Item No: 6.2

APPROVAL FOR THE AWARD OF B. TECH / B. ARCH. DEGREES TO PASS OUT STUDENTS OF 2005 BATCH IN THE CONVOCATION SCHEDULED TO BE HELD ON OCTOBER 22, 2005.

Action complete, item dropped.

Item No: 6.3

APPROVAL TO RUN THE MINOR PROJECT IN 7TH SEMESTER WITH SUBJECT CODE ME-417

Action complete, item dropped.

Item No: 6.4

APPROVAL FOR INCLUSION OF ELECTIVE COURSE IN 8TH SEMESTER OF ELECTRONICS & COMMUNICATION ENGINEERING DEPARTMENT NIT, HAMIRPUR (HP)

Action complete, item dropped.

Item No: 6.5

APPROVAL FOR INCLUSION OF ELECTIVE COURSES IN B. TECH 6TH SEMESER AND M. TECH 2ND SEMESTER PROGRAMME OF MECHANICAL ENGINEERING DEPARTMENT NIT, HAMIRPUR (HP)

Action complete, item dropped.

Item No: 6.6

APPROVAL OF UNDER GRADUATE (UG) MANUAL

Action complete, item dropped.

Item No: 6.7

APPROVAL OF POST GRADUATE (PG) MANUAL

Action complete, item dropped.

Item No: 6.8

TO APPROVE REVISED COMMON COURSES FOR B. TECH FROM ACADEMIC SESSION 2006-07 ONWARDS.

Action complete, item dropped.

Item No: 6.9

TO APPROVE REVISED CURRICULUM FOR ALL THE TEACHING DEPARTMENTS OF NIT, HAMIRPUR (HP) FROM 3RD TO 8TH SEMESTER FOR B. TECH AND 1ST TO 10TH SEMESTER FOR B. ARCH FROM ACADEMIC SESSION 2006-07 ONWARDS.

Action complete, item dropped.

Item No: 6.10

TO APPROVE ACADEMIC CALENDAR FOR 2006-07 SESSION

Action complete, item dropped.

Item No: 6.11

TO APPROVE INTRODUCTION OF ADDITIONAL COURSES FOR M. TECH DURING ACADEMIC SESSION 2006-07 ONWARD

Action complete, item dropped.

ANY OTHER ITEMS

Item No: 6 (A) T.1

TO APPROVE REVISED SCHEME AND SYLLABI OF M. TECH (WATER RESOURCES ENGINEERING) FOR ALL THE SEMESER

Action complete, item dropped.

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Item No: 6 (A) T.2

TO APPROVE AMENDED SYLLABUS

Action complete, item dropped.

Item No: 6 (A) T.3

TO CHANGE THE TITLE FROM COMPUTATIONAL METHODS AND EXPERIMENTAL TECHNIQUES IN FLUID FLOW AND HEAT TRANSFER TO THERMAL ENGINEERING (COMPUTATIONAL FLUID DYNAMICS AND HEAT TRANSFER)

Action complete, item dropped.

Item No: 6 (A) T.4

TO CHANGE ELECTIVE-IV FROM 3RD SEMESTER TO 2ND SEMESTER M. TECH FROM THE SESSION 2006-07

Action complete, item dropped.

Item No: 6 (A) T.5

TO APPROVE REVISED FEE STRUCTURE FOR B. TECH, M. TECH AND Ph. D PROGRAMMES FROM ACADEMICS SESSION 2006-07

Action complete, item dropped.

PART THIRD (NEW ITEM)

ITEM NO: 7.1 TO CHANGE THE TITLE OF COURSE FROM ES-101 ENGINEERING MECHANICS TO ES-101 ENGINEERING MECHANICS AND STRENGTH OF MATERIALS BY ADDING SOME NEW CONTENTS IN EXISTING SUBJECT OF B. TECH.

The above item was approved along with its syllabi. In view of the heavy contents of the course, the Senate further decided to keep the work load as under:

L	T	P	Credit		L	T	P	Credit
4	2	0	05	Instead of:	3	1	0	04

ITEM NO: 7.2 TO MAKE AMENDMENT IN THE CONSTITUTION OF COMMITTEE/ BOARD FOR M. TECH. THESIS ORAL EXAMINATION

The item was discussed by the Senate in depth and approved the deletion of third line as proposed in the agenda.

ITEM NO: 7.3 TO MAKE PROVISION TO CONVERT FULL TIME Ph. D PROGRAMME/ REGISTRATION TO PART TIME PROGRAMME/ REGISTRATION BY AMENDING RULE 4.6. OF P.G. MANUAL

The Senate discussed the items in detail and approved modification in clause 4.6 of the P.G. Manual as under:

4.6: CHANGE OF REGISTRATION FROM FULL TIME TO OFF CAMPUS/PART TIME Ph.D. PROGRAMME

1. A student admitted to a full time Ph.D. programme may be permitted to change to an off campus/part time Ph.D. programme. A student requesting such a conversion must:
 - (i) have completed the comprehensive examination successfully, given the "State of Art" seminar which is adjudged as satisfactory, and completed the residence requirements,
 - (ii) get the request endorsed by the supervisor(s) and the DPGC,
 - (iii) produce a "No Objection" Certificate from the Head of the institution/organization which he/she proposes to join.

2. Such conversion, if approved by the SPGC, will be subject to the following conditions:
- (i) The student must complete his/her thesis within 6 years counted from the date of his/her first registration in the programme.
 - (ii) Provision of conversion from full time to off campus/part time status can be availed only once by the student during his/her programme, and
 - (iii) The status of the student will be reviewed by the supervisor and the DPGC at least once every semester after the conversion, and his/her continuation on off campus/part time status will be subject to his/her making satisfactory progress towards completing the Ph.D. Thesis.

ITEM NO: 7.4 TO APPROVE MINIMUM PERIOD FOR SUBMISSION OF THESIS.

The matter was discussed and the item was approved as proposed in the agenda item.

ITEM NO: 7.5 TO REDUCE LATE FEE FOR REGISTRATION IN B. TECH/ B. ARCH. AND Ph. D PROGRAMMES

*Decision implemented
vide U.O. dated
26-07-2007.*

The matter was discussed at length and Senate approved the late registration fee @ Rs. 200-00 per day subject to maximum of Rs. 1000-00 upto last date of registration as mentioned in the academic calendar.

ITEM NO: 7.6 AWARD OF DEGREE TO PASSED OUT B. TECH/ B. ARCH STUDENTS IN JUNE, 2006/ DECEMBER, 2006 AND APRIL/ MAY, 2007.

The Senate recommended the names to the BOG for Grace of degree. It was further decided that the second convocation may be held in the month of December, 2007 during winter vacation. The Director-cum-Chairman Senate is further authorized to consider the name of any left out student(s) in the attached list for award of degree.

ITEM NO: 7.7 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 2006 AND 2007

The Senate approved the names of all the students for the award of Director's Gold Medal to the branch topper, overall topper, and best students award for the year 2006 and 2007 as mentioned in page 23 to 25 of Annexure as proposed in the agenda item.

ITEM NO: 7.8 TO APPROVE ACADEMIC CALENDAR FOR 2007-08 SESSION

The Senate ratified the decision of Deans/ HODs regarding academic calendar for the academic session 2007-08 mentioned in the Annexure at page 26 of agenda item.

ITEM NO: 7.9 TO APPROVE AMENDMENT IN THE U.G. MANUAL GRADING SYSTEM

The matter was discussed at length by the Senate and approved the item as proposed in the agenda.

ITEM NO: 7.10 TO APPROVE REVISED B. TECH CURRICULUM FOR ALL THE TEACHING DEPARTMENTS OF

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NIT HAMIRPUR (HP) FROM 3RD TO 8TH SEMESTER FOR B. TECH FROM ACADEMIC SESSION 2007-08

The Senate approved the new Academic Curriculum to be implemented from Academic Session 2007-08 (as per pages annexed in the annexures page 27 to 72, page 73 to 120, page 121 to 175, page 176 to 243 and page 244 to 283) for all the Engg. Departments. The Senate further suggested that provision of audit subjects preferably on TQM H.R. Personality Development and Industrial Policy on Labour Laws etc. at 3rd and 4th year level should be made in all the teaching Departments.

ITEM NO: 7.11 TO APPROVE MODIFICATION IN THE COURSE CONTENTS OF COURSES OFFERED BY DEPARTMENT OF APPLIED SCIENCE AND HUMANITIES UNDER NEW SCHEME EFFECTIVE FROM SESSION 2006-07 ONWARDS

The Senate approved the proposed modifications in the Course contents of the Courses offered by the Applied Science & Humanities Department w.e.f. Session 2006-07 onwards as proposed on pages 290 to 314 for implementation from the forthcoming academic Session with the following observations:

(i) The Course contents of Open Electives Biopolymer and Material Characterization on page-306 may be given in expanded form so as to make the contents more clear. ←

(ii) The work load for principles of management IIU-302 will be:

L	T	P	Credit	L	T	P	Credit
4	0	0	04	3	0	0	.03

As proposed in Syllabus.

- (iii) It was also recommended that an open elective Course on Ecology and Environment may also be framed as per the directions of the Hon'ble Supreme Court.

ITEM NO: 7.12 TO APPROVE PARTIAL REVISION OF FIRST YEAR SCHEME

The item was discussed and approved as per agenda item with the same observation/decision mentioned under item No. 7.11 above.

ITEM NO: 7.13 TO START SLOW PACE M. TECH PROGRAMME FOR INTERNAL CANDIDATES

The heading of item was modified as "PROVISION FOR SLOW PACE M.TECH. PROGRAMME" instead of "TO START SLOW PACE M. TECH. PROGRAMME". The matter was discussed by the Senate at length and approved the same as proposed with minor modification by replacing the word internal candidates with working candidates which will include both internal and external candidates sponsored by Industry/Institute.

ITEM NO: 7.14 TO APPROVE REVISED SCHEME AND COURSE CONTENTS OF P.G. PROGRAMME IN ADVANCED POWER SYSTEM AND CONTROL AND CHANGE OF TITLE THEREOF

The item was approved as proposed in the Agenda.

ITEM NO: 7.15 TO APPROVE REVISED SCHEME AND COURSE CONTENTS OF P.G. PROGRAMME IN ADVANCE ELECTRICAL ENGINEERING

The item was approved as proposed in the agenda item.

ITEM NO: 7.16 RATIFICATION OF THE MINUTES OF THE MEETING OF STANDING COMMITTEE OF SENATE

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The Senate ratified the minutes of the standing committee of the Senate of dated 30-05-2006, 18-10-2006, 03-02-2007, 07-03-2007 and 08-05-2007 as annexed in the Annexure at pages 431 to 442 of the agenda item

TABLE ITEMS

ITEM NO: 1.7 PROVISION FOR COMPLETING DISSERTATION WORK ON PART TIME OFF CAMPUS BASIS IN THE P.G. MANUAL

The item was approved by the Senate after discussion as proposed in the agenda item.

ITEM NO: 2.7 TO APPROVE REVISED SCHEME OF EXAMINATION SEMESTER WISE FOR M. TECH (VLSI DESIGN)

The item was approved by the Senate as suggested.

ITEM NO: 3.7 ADDITION OF NEW CLAUSE AFTER CLAUSE-6 UNDER ITEM NO.8 COMPREHENSIVE EXAMINATION OF Ph. D STUDENTS OF P.G. MANUAL

The item was discussed and approved as proposed in the agenda item.

The meeting ended with vote of thanks to the Chair.

(G.R. Bharti)
Registrar-cum-Secretary
Senate, NIT, Hamirpur (HP)

No:-NIT/HMR/673-Senate/7th meeting/2007

Dated:-05-07-2007