

**Minutes of the Sixteenth combined Board of Studies (UG, PG, Research)
Meeting held on 25th July, 2009 at 11.00 a.m. in the Board Room,
NITK, Surathkal.**

Members Present:

1.	Prof. G. Srinikethan	...	Chairman
2.	Dr. D.V.R. Murthy	...	Member
3.	Prof G. K. Shivakumar	...	Member
4.	Dr. R. Shiva Shankar	...	Member
5.	Dr. H. S. Y. Shastry	...	Member
6.	Dr. K. Lakshminarayana Bhat	...	Member
7.	Dr. N. Laxman	...	Member
8.	Dr. M.C. Narasimhan	...	Member
9.	Sri. K. Ram Chandra	...	Representing HOD Mining Engg.
10.	Dr. Sumam David	...	Member
11.	Dr. Uday Kumar Y.	...	Member
12.	Dr. V. S. Ananthanarayana	...	Member
13.	Dr. Gopal Mugeraya	...	Member
14.	Dr. T.P. Ashok Babu	...	Member
15.	Dr. K. Srinivasan	...	Representing HOD Metallurgy Engg.
16.	Dr. A.V Adhikari	...	Member
17.	Dr. Kasturi. V. Bangera	...	Member
18.	Sri. K.B. Kiran	...	Member
19.	Sri. Jora M. Gonda	...	Member
20.	Dr. A. Mahesha	...	Member
21.	Prof. K. Swaminathan	...	Member
22.	Dr. M. Govinda Raj	...	Member
23.	Dr. R. Srinivasan	...	Member
24.	Prof. H. R. Srirangarajan	...	Member
25.	Mr. K. Ravindranath	...	Secretary

Absent:

1.	Dr. K. N.Lokesh	...	Member
2.	Dr. Keshava Prasad Halemane	...	Member
3.	Dr. S. G. Mayya	...	Member
3.	Mr. K. Vinaya Kumar	...	Member
4.	Dr. A. Kandasamy	...	Member
5.	Prof. Y. N. Srikant	...	Member
6.	Prof. Mohan Das	...	Member
7.	Dr. Radhakrishna Pillai	...	Member
8.	Dr. K.C Shet	...	Member

Prof. G. Srinikethan, Chairman (BOS) and Dean (AA) Chaired the meeting and welcomed all the members to the Sixteenth BOS meeting.

After the brief introduction, the agenda items listed were taken up for discussion and the following resolutions were passed.

The minutes of Fifteenth BOS meeting were reviewed and approved as there were no comments from members.

ITEM No: 16-BOS- 1

Offering Summer Term Courses for UG students who obtained fail grades (FF or FA) in subjects

The BOS resolved to recommend to senate for approval of the following:

1. For students of any semester (I to VIII) who get FF grade in any course, a make-up end semester examination has to be conducted in that course before the commencement of next semester. If after considering the make-up end semester examination a student passes then a passing grade DD only be awarded, and if a student fails then a FF grade will be awarded and the student is required to appear for the make-up end semester examination in the next/subsequent semesters whenever it is offered.
2. For students of III,VI,V and VIth semesters who obtain FA grade in any course has to repeat (re-register) that course in the subsequent semesters/sessions whenever the course is offered until a passing grade is obtained.
3. For students of I, II, VII and VIII semesters who get FA grade in any course, summer term has to be conducted for first year students for the first year subjects and for final year students for the final year subjects only and if a student fails again in the summer course then a FF grade will be awarded and the student is required to appear for the make-up end semester examination in the next/subsequent semesters whenever it is offered.
4. However for an elective course in which FF or FA grade has been awarded, the student may either appear for the make-up end semester examination/re-register for the same course or register for any other elective course in the next/subsequent semesters.

for Senate approval

5. In view of the above changes made in the FF and FA grades, the BOS also resolved to recommend to senate that the provisions existing in the present curriculum regarding the award of E grade be removed.

ITEM No: 16-BOS- 2

Open Elective Courses offered by various departments for UG students admitted during academic year 2008-2009 onwards – General guidelines

The BOS resolved to recommend to senate for approval of the following:
(Annexure I)

1. To remove the open elective category and the subjects listed under it from the course structure of all the departments in the B. Tech curriculum
2. To request each parent department to list all the elective courses under the PSE category, to specify the total number of credits to be earned by students under the elective category and also to specify the minimum number of credits (not less than 18) to be earned by their students from the programme specific elective courses offered by their department. For the remaining credits to be earned under the elective category, the students may either register for more elective courses from the parent department or with the approval of the faculty advisor and the HOD of the parent department may be permitted to register for any Core/PSE courses offered by any department other than the parent department and the same may be treated as elective courses.
3. The BOS also resolved to recommend that the above changes be implemented for the students admitted during the academic year 2008-09 and 2009-10 onwards.

*for Senate
approval*

ITEM No: 16-BOS- 3

Changing UG courses / Addition on New UG courses Open Electives / Revision of Syllabus - Applied Mech. Dept.

The BOS resolved to recommend to the senate for approval of the revision of course title, code, contents and addition of elective courses proposed by the Applied Mechanics and Hydraulics Department and to be implemented in the B.Tech curriculum from the academic year 2009-10 onwards. It was also resolved to request the HOD of Applied Mechanics to change the title of the course AM 401 Introduction to Digital Image Processing and to get the concurrence of HODs of other departments for which these courses are offered about these changes. (Annexure II)

for Senate approval

ITEM No: 16-BOS- 4

Revision in the B.Tech Curriculum 2009 onwards – E &C Dept.

The BOS resolved to recommend to the senate for approval of the revision of course structure and contents proposed by the E&C Department to be implemented in the B.Tech curriculum from the academic year 2009-10 onwards. (Annexure III)

for Senate approval

ITEM No: 16-BOS- 5

Addition of two New Elective Courses for UG – Mechanical Dept.

The BOS resolved to recommend to the senate for approval of the addition of two new elective courses proposed by the Mechanical Engineering Department to be implemented in the B.Tech curriculum from the academic year 2009-10 onwards. It was also resolved to request the HOD of Mech. Engg. Department to change the title of the course “Introduction to computer graphics”. (Annexure IV)

for Senate approval

ITEM No: 16-BOS- 6

Change of Code of the subject ME411 to ME387– Mechanical Dept.

The BOS resolved to recommend to the senate for approval of the change of the course code ME411 of the subject “Integrated Product Development and Prototyping” to ME387 proposed by the Mechanical Engineering department to be implemented in the B.Tech curriculum from the academic year 2009-10 onwards. (Annexure V)

for Senate approval

ITEM No: 16-BOS- 7

Remove Pre-requisites from the open electives - Metallurgical & Materials Engineering Department.

The BOS resolved to recommend to the senate for approval of the request made by the DUGC of Metallurgical and materials Engg. Department to remove the pre-requisites required to register for the elective subjects listed under the open elective category to be implemented in the B.Tech curriculum from the academic year 2009-10 onwards. (Annexure VI)

for Senate approval

ITEM NO: 16-BOS-8, 9

Inclusion of New Elective Course in B.Tech curriculum - Metallurgical & Materials Engg. Dept

The BOS resolved to recommend to the senate for approval that the elective course Science and Technology of Nano Materials (3-0-0) proposed by the Metallurgical and Materials Engg. Department be offered at the postgraduate level and the VIII semester B. Tech students be allowed to register for the same as elective course. (Annexure VII)

for Senate approval

ITEM No: 16-BOS- 10

Inclusion of B.E /B.Tech Industrial production as a qualifying degree for entry into M.Tech Programme - Metallurgical & Materials Engg. Dept

The BOS approved the inclusion of B.E / B.Tech in Industrial Production as qualifying degree for entry into M.Tech process Metallurgy. (Annexure VIII)

for Senate approval

ITEM No: 16-BOS- 11

Request for Recognition as Research Guide – Introduction of specific format

The format proposed for the reorganization as Research Guide request is approved with minor modification (Annexure IX)

for Senate approval

ITEM No: 16-BOS- 12

Names and Address of referees for Ph.D thesis evaluation to be placed in the Senate with a note of thanks

The proposal of placing the names and addresses of Ph.D examiners after the viva-voce in the senate is approved. Along with this, the comments of the references are also may be placed.

for Senate approval

ITEM No: 16-BOS- 13

Discussion on faster and effective review process to avoid delay in the evaluation of Ph.D thesis

To avoid the delay in the evaluation of Ph.D thesis it was proposed to send the thesis to three examiners and recommendation by two references would be sufficient to award the degree. Also, it was proposed to send the synopsis to the examiners after the submission of the thesis to avoid the waiting period for the examiner between the synopsis submission and thesis submission. The above two proposals are approved by the BOS.

for Senate approval

ITEM No: 16-BOS- 14

Revised & re-named program of M.Tech in Rock Excavation Technology & Management – Mining Department

The Department of Mining Engineering has proposed the revised and renamed M.Tech program in Rock Excavation Technology and Management. The BOS, in principle approved the proposal. However, it was suggested to get the comments from the related companies before placing it to the Senate. Also, the eligibility criterion for the program is also to be defined. The revised curriculum is enclosed (Annexure X)

for Senate approval

ITEM No: 16-BOS- 15

Introduction of a new elective course for M.Sc Programme - Chemistry Dept

The proposal by the Chemistry Department to introduce new elective course CY 865 Chemistry of nano-materials for M.Sc program is approved. (Annexure XI)

for Senate approval

ITEM No: 16-BOS- 16

Revision of Syllabus for M.Sc Programme - Physics Dept.

The Department of Physics has proposed the revised course contents for PH 751 Condensed Matter Physics. The matter was approved by BOS. However BOS has suggested to structure all PG courses as (3-1-0) or (4-0-0) depending on the tutorial component present in the course (Annexure XII).

for Senate approval

ITEM No: 16-BOS- 17

Revision of Syllabus & addition of new courses for Postgraduate programs - Applied Mechanics Dept.

The Department of Applied Mechanics & Hydraulics has suggested modifications / inclusion of new courses for its PG Programmes. BOS has in principle approved the proposal subjected to verification of course contents, titles with other departmental courses to avoid duplication. Also, it was suggested to spell out the experiments to be conducted in the lab courses. The department has proposed to bring in the changes from the current academic year itself. The matter is placed before the Senate for approval. (Annexure XIII)

for Senate approval

ITEM No: 16-BOS- 18

Inclusion of new 900 level courses – Applied Mech. Dept.

The Department of Applied Mechanics & Hydraulics has proposed 900 Level courses (Annexure XIV) .The BOS has resolved to approve the same. The matter is placed before the Senate for approval.

for Senate approval

ITEM No: 16-BOS- 19

Recognition as Research Guides

The BOS resolved to approve the following faculty members of NITK as Research Guides

- Dr. Nagaraj. H.S - Physics Department
- Dr. Indranni Gogoi – Civil Engg. Department
- Dr. Ashvini Chaturvedi – Electrical & Electronics Department
- Dr. Shanthi Thilagam – Computer Engg. Department
- Dr. T.G. Basavaraju - Computer Engg. Department
- Prof. G. Ram Mohana Reddy – Information Technology Department
- Dr. Prakash Raghavendra - Information Technology Department

for reporting to Senate

ITEM No: 16-BOS- 20

Addition of New Elective Courses for PG MF – Mechanical Dept.

The Department of Mechanical Engineering has proposed new elective courses – Computer graphics with applications for M.Tech Manufacturing Engg. The BOS has felt that the title and the course content to be re looked to avoid duplication with the other department courses. The revised proposal (Annexure XV) is placed before the Senate for approval.

*for Senate
approval*

ITEM No: 16-BOS- 21

Open Electives – Mechanical Dept.

In lieu of the decision taken under ITEM NO:16-BOS-2, the matter listed under ITEM NO:16-BOS-21 need not be considered for discussion. (Annexure XVI)

*for Senate
approval*

ITEM No: 16-BOS- 22

Corrections in the 2007 B. Tech curriculum of Metallurgical and Materials Engg. Department

The BOS resolved to recommend for approval to senate the corrections in the course offering semesters for the subjects HU300 and HU301 in the 2007 B. Tech curriculum of Metallurgical and materials Engg. Department as requested by the DUGC of Metallurgical and materials Engg. Department and as proposed by the Department of Humanities, social science and Management. (Annexure XVII)

*for Senate
approval*

ITEM NO:16-BOS-23

New course registration procedure-Use of faculty advisor's copy.

The BOS resolved to recommend to senate for approval that in order to accommodate more columns for elective courses in the faculty advisor's copy it was resolved that the entries may be made in two cards, one card exclusively for all the core courses and the other for all the elective courses.

*for Senate
approval*

ITEM No: 16-BOS- 24

Offer of an Elective Course – Civil Engineering Department

The Department of Civil Engineering has proposed new elective course EN817 Environmental Management. However, BOS felt that the proposed syllabus needs to be elaborated with additional references and to be placed before the Senate for approval (Annexure XVIII)

for Senate approval

ITEM No: 16-BOS- 25

Additional of a New Course / Changing Course Code – Humanities, Social Sciences & Management Department

The Department of Humanities has proposed Addition of a new Course at 800 level and Changing HU 900 level course code to HU800level course. The BOS has approved the same and the matter is placed before the Senate for approval (Annexure XIX)

for Senate approval

ITEM No: 16-BOS- 26

Recognition as Research Guide for guiding the Research work of Ph.D student in the Mechanical Engineering Department

Resolved to approve Dr. Ramesh M. R. Assistant Professor of Mechanical Engg. Department of “Reva Institute of Technology and Management” as additional guide for the part time Ph.D student Mr. B Somasundaram Research scholar Department of Mechanical Engg., NITK, Surathkal. (Annexure XX).

for reporting to Senate

Meeting ended with vote of thanks to the Chair.

(K. Ravindranath)
Secretary –BOS, NITK

(Prof. G. Srinikethan)
Chairman-BOS, NITK