

THE NATIONAL INSTITUTE OF ENGINEERING, MYSORE

Proceedings of the 12th Academic Council Meeting held on July 13, 2013 (Saturday) at 11 am in the Board Room of NIE.

Agenda No.

1 To read and record the meeting notice

Principal Dr. G. L. Shekar welcomed all the members and initiated the meeting.

Meeting notice was read and recorded.

2 To read and confirm the proceedings of the 11th Academic Council meeting held on January 19, 2013

Dr. G. L. Shekar read the proceedings of 11th Academic Council meeting and appraised the council the actions taken.

Proceedings read and confirmed

Major events since January 2013

Principal gave a brief presentation of important activities carried out at the institution after 11th academic council meeting, i.e. between Jan 2013 and June 2013. The council appreciated the activities. Principal also appraised the council about the ranking of NIE as given by various magazines. The council members said the activities are impressive.

3 To consider and approve:

a B.E. Degree

- (i) Scheme of teaching and examination of 1st & 2nd semester B.E. degree course (Common to all branches) to be effective from the academic year 2013-14

Approval was sought by Prof. Doreswamy, HoD, Department of Physics. and Chairman : BOS Basic Science.

- Approved

- (ii) Syllabus of 1st & 2nd semester B.E. degree course (common to all branches) to be effective from the academic year 2013-14

Dean Academic and Head of Department of Mechanical Engineering gave information regarding the following new subjects introduced in the first year.

1) General Engineering Practice 2) Introduction to Engineering Design.

The council suggested introducing new chapters regarding Thermodynamics and Heat Transfer in the syllabus of Physics, Also to introduce plumbing practice in general engineering practices.

- The council appreciated the initiative and approved the syllabus.

b Civil Engineering: UG and PG degree courses

- (i) Scheme of teaching and examination of 3rd to 8th semester B.E. degree course in **Civil Engineering** (for the batch admitted during the academic year 2012-13)

- Approved.

- (ii) Syllabus of 3rd & 4th semester B.E. degree course in **Civil Engineering** (for the batch admitted during the academic year 2012-13)
 - Approved.

Some external members suggested including relevant aspects of PVC Polymer composites etc. in the subject Building materials
- (iii) Syllabus of 5th & 6th semester B.E. degree course in **Civil Engineering** (for the batch admitted during the academic year 2011-12)
 - Approved.
- (iv) Syllabus of 7 & 8th semester B.E. degree course in **Civil Engineering** (for the batch admitted during the academic year 2010-11)
 - Approved.
- (v) Scheme of teaching and examination of M.Tech degree course in **1) Hydraulics and 2) Structural Engineering** (to be effective from the academic year 2013-14)
 - Approved.

Honorary Treasurer S. K. Lakshminarayana Babu who was an observer from the NIE MC, suggested that e-tab software should be included for M.Tech Structural Engineering course
- (vi) Syllabus of 1st to 4th semesters of M.Tech degree course in **1) Hydraulics and 2) Structural Engineering** (to be effective from the academic year 2013-14)
 - Approved.

c Computer Science & Engineering: UG and PG degree courses

Dr. G Raghavendra Rao, HoD, CSE gave a presentation.

- (i) Scheme of teaching and examination of 3rd to 8th semester B.E. degree course in **Computer Science & Engineering** (for the batch admitted during the academic year 2012-13)
 - Approved.
- (ii) Syllabus of 3rd & 4th semester B.E. degree course in **Computer Science & Engineering** (for the batch admitted during the academic year 2012-13)
 - Approved.
- (iii) Syllabus of 5th & 6th semester B.E. degree course in **Computer Science & Engineering** (for the batch admitted during the academic year 2011-12)
 - Approved.
- (iv) Syllabus of 7 & 8th semester B.E. degree course in **Computer Science & Engineering** (for the batch admitted during the academic year 2010-11)
 - Approved.
- (v) Scheme of teaching and examination of M.Tech degree course in **Information Technology** (to be effective from the academic year 2013-14)
 - Approved.
- (vi) Syllabus of 1st to 4th semesters of M.Tech degree course in **Information Technology** (to be effective from the academic year 2013-14)
 - Approved.

The external members Prof. Sheshu and Prof. Srinath, however suggested to include relevant aspects of cryptography and network security.

d Electronics & Communication Engineering: UG course

Prof. K. V. Nagalakshmi, HOD, ECE gave a presentation.

- (i) Scheme of teaching and examination of 3rd to 8th semester B.E. degree course in **Electronics & Communication Engineering** (for the batch admitted during the academic year 2012-13)
 - Approved.
- (ii) Syllabus of 3rd & 4th semester B.E. degree course in **Electronics & Communication Engineering** (for the batch admitted during the academic year 2012-13)
 - Approved.
- (iii) Syllabus of 5th & 6th semester B.E. degree course in **Electronics & Communication Engineering** (for the batch admitted during the academic year 2011-12)
 - Approved.
- (iv) Syllabus of 7 & 8th semester B.E. degree course in **Electronics & Communication Engineering** (for the batch admitted during the academic year 2010-11)
 - Approved.

e Electrical & Electronics Engineering : UG and PG degree courses

Dr. H. V. Saikumar, HoD E&EE gave a presentation.

- (i) Scheme of teaching and examination of 3rd to 8th semester B.E. degree course in **Electrical & Electronics Engineering** (for the batch admitted during the academic year 2012-13)
 - Approved.
- (ii) Syllabus of 3rd & 4th semester B.E. degree course in **Electrical & Electronics Engineering** (for the batch admitted during the academic year 2012-13)
 - Approved.
- (iii) Syllabus of 5th & 6th semester B.E. degree course in **Electrical & Electronics Engineering** (for the batch admitted during the academic year 2011-12)
 - Approved.
- (iv) Syllabus of 7 & 8th semester B.E. degree course in **Electrical & Electronics Engineering** (for the batch admitted during the academic year 2010-11)
 - Approved.
- (v) Scheme of teaching and examination of M.Tech degree course in **1) Power Systems and 2) Computer Applications to Industrial Drives** (to be effective from the academic year 2013-14)
 - Approved.
- (vi) Syllabus of 1st to 4th semesters of M.Tech degree course in **1) Power Systems and 2) Computer Applications to Industrial Drives** (to be effective from the academic year 2013-14)
 - Approved.

f Industrial & Production Engineering : UG and PG degree courses

Dr. H. N. Diwakar, HoD I&PE gave a presentation.

- (i) Scheme of teaching and examination of 3rd to 8th semester B.E. degree course in **Industrial & Production Engineering** (for the batch admitted during the academic year 2012-13)
 - Approved.

- (ii) Syllabus of 3rd & 4th semester B.E. degree course in **Industrial & Production Engineering** (for the batch admitted during the academic year 2012-13)
 - Approved.
- (iii) Syllabus of 5th & 6th semester B.E. degree course in **Industrial & Production Engineering** (for the batch admitted during the academic year 2011-12)
 - Approved.
- (iv) Syllabus of 7 & 8th semester B.E. degree course in **Industrial & Production Engineering** (for the batch admitted during the academic year 2010-11)
 - Approved.
- (v) Scheme of teaching and examination of M.Tech degree course in **Production Engineering & System Technology** (to be effective from the academic year 2013-14)
 - Approved.
- (vi) Syllabus of 1st to 4th semesters of M.Tech degree course in **Production Engineering & System Technology** (to be effective from the academic year 2013-14)
 - Approved.

External member Prof. Sheshu commented about the descriptive nature of the syllabus of the subject Theory of Die Casting and suggested to modify from the next academic year.

g Information Science & Engineering : UG and PG degree courses

Dr. C. Vidyaraj, HoD IS&E gave a presentation

- (i) Scheme of teaching and examination of 3rd to 8th semester B.E. degree course in **Information Science & Engineering** (for the batch admitted during the academic year 2012-13)
 - Approved.
- (ii) Syllabus of 3rd & 4th semester B.E. degree course in **Information Science & Engineering** (for the batch admitted during the academic year 2012-13)
 - Approved.
- (iii) Syllabus of 5th & 6th semester B.E. degree course in **Information Science & Engineering** (for the batch admitted during the academic year 2011-12)
 - Approved.
- (iv) Syllabus of 7 & 8th semester B.E. degree course in **Information Science & Engineering** (for the batch admitted during the academic year 2010-11)
 - Approved.
- (v) Scheme of teaching and examination of M.Tech degree course in **Computer Network Engineering** (to be effective from the academic year 2013-14)
 - Approved
- (vi) Syllabus of 1st to 4th semesters of M.Tech degree course in **Computer Network Engineering** (to be effective from the academic year 2013-14)
 - Approved.

Prof. Srinath and others are on the opinion that "It is the time for making Information Science and Engineering a unique and distinct branch of engineering different from Computer Science"

h Mechanical Engineering : UG and PG degree courses

Dr. N. V. Raghavendra, HoD of Mechanical Engineering gave a presentation

- (i) Scheme of teaching and examination of 3rd to 8th semester B.E. degree course in **Mechanical Engineering** (for the batch admitted during the academic year 2012-13)
 - Approved.
- (ii) Syllabus of 3rd & 4th semester B.E. degree course in **Mechanical Engineering** (for the batch admitted during the academic year 2012-13)
 - Approved.
- (iii) Syllabus of 5th & 6th semester B.E. degree course in **Mechanical Engineering** (for the batch admitted during the academic year 2011-12)
 - Approved.
- (iv) Syllabus of 7 & 8th semester B.E. degree course in **Mechanical Engineering** (for the batch admitted during the academic year 2010-11)
 - Approved.
- (v) Scheme of teaching and examination of M.Tech degree course in **Industrial Automation & Robotics** (to be effective from the academic year 2013-14)
 - Approved.
- (vi) Syllabus of 1st to 4th semesters of M.Tech degree course in **Industrial Automation & Robotics** (to be effective from the academic year 2013-14)
 - Approved.

External member Prof. Sheshu suggested to shift subject IAR 659 to second semester in place of Knowledge Based Design.

i Department of PG Studies – CEA : MCA course

Dr. H. D. Phaneendra, HoD, PGS gave a presentation

- (i) Scheme of teaching and examination of 1 to 6th semesters **MCA** degree course (to be effective from the academic year 2013-14)
 - Approved.
- (ii) Syllabus of 1 to 6th semesters **MCA** degree course (to be effective from the academic year 2013-14)
 - Approved.

j Provisional list of successful candidates for the conferment of B.E. degree (2009-13: 3rd autonomous batch) in the following courses

- Approved.

Dr. T. Ananthapadmanabha presented the examination result

k Examination results of

(1) B.E. courses (2) M. Tech Courses (3) MCA Course

- Approved.

l List of final semester students appearing for Make-Up Term Examination (MUTE) who may become eligible for award of degree

- Approved.

m Conduct of Graduation Ceremony scheduled on August 31, 2013

- Approved.

n Calendar of academic events for the odd semester of 2013-14

- Approved.

4 To read and record:

a Academic activities / accomplishments

- Read and recorded

The external member of the council appreciated the numerous academic activities and other accomplishments of various departments.

5 TABLE AGENDA

1) To consider and approve:

a Amendments proposed by the Dean (Academic Affairs) to the existing Academic Regulations – 2009 (Revised)

Dr. B. K. Sridhara, Dean AA, sought the approval of the council for the following amendment of clause 11.10(e) of Academic regulations 2009(Revised)

Exiting Clause 11.10 (e):The minimum and maximum duration of the course is as specified in section 3.1. If a student can not complete the course in corresponding maximum duration, he/she shall leave the college without a degree. If a student is not able to pass a credit course even after **three** consecutive attempts he./she shall also leave the college without a degree.. For this purpose an attempt is defined as registration in a regular semester.

Modified Clause 11.10 (e): The minimum and maximum duration of the course is as specified in section 3.1. If a student can not complete the course in corresponding maximum duration, he/she shall leave the college without a degree. If a student is not able to pass a credit course even after **five** consecutive attempts he./she shall also leave the college without a degree.. For this purpose an attempt is defined as registration in a regular semester.

- Approved

2) To read and record:

a Placement statistics of the year 2012-13 (2009-13: 3rd batch autonomous scheme)

- Read and recorded.

The council appreciated the efforts. Dr. H. S. Prasanna, Placement Officer who gave the presentation regarding various companies visiting NIE for Campus selection and statistics of selected students.

6. Any other subject: Nil

7. Vote of Thanks: Dr. T.Jayaraju, Member Secretary, proposed vote of thanks.

Date: July 13, 2013



Principal