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## MINUTES OF THE JOINT BOARD OF STUDIES MEETING

Convened on 28-10-2014 in the VTU, Belgaum.

The meeting started by Dr. K.E. Prakash, Registrar by welcoming the Hon'ble Vice-Chancellor, Dr. H. Maheshappa and all BOS Chairmen. Further, handed over the session to Dr D H Rao Dean Academic & Chairman BOS(ECE) of VTU. Once again Dean Academic welcomed Vice-Chancellor and all BOS Chairmen.

**Minutes of the Meeting are:**

**Agenda 1: Scheme and syllabus for 3<sup>rd</sup> and 5<sup>th</sup> Semesters**

General scheme and syllabus are by and large finalized in all the branches. The Vice-Chancellor directed all the Chairmen to finalise the scheme and syllabus in consultation with industries and introduce subjects which are more relevant that would help our students to become employable. Involve lot of industries so that the gap between industry and academia can be reduced. Latest technology subjects, electives can be introduced. Students' interests be keep in mind while framing the new scheme and syllabus.

Dr. C.D. Lakkannavar, AS Member asked inputs from all the Board of Studies regarding Mathematics syllabus for 3<sup>rd</sup> and 4<sup>th</sup> semesters. The inputs shall be sent to him on or before 15<sup>th</sup> November, 2014.

Further, the Vice-Chancellor highlighted the following points –

- Take up consultancy work to solve industry's problems with the help of faculty and students.
- Bring research ambience in all the colleges.
- Nano Technology courses may be introduced as elective and in all branches.
- Scheme and syllabus of atleast 3<sup>rd</sup> and 4<sup>th</sup> Semesters be completed by December 2014.
- Don't compromise in introducing new labs, subjects, not to yield to the pressures of the college Managements.
- Dr. B.M. Kulkarni, Chairman, BOS in Chemical Engineering / Polymer Science, expressed his displeasure regarding Petrol Chemical courses in KBN College of Engineering, Gulbarga. The Vice-Chancellor directed Dr. Kulkarni to visit KBN College for inspection of the labs in Petrol Chemical Department.
- Arrange National and / or International Conferences from each Board of Studies to develop good network with Industries.
- Industry testing center to be established in Muddenhalli which will be coordinated by Dr. Ramachandra, Chairman, BOS in Aeronautical Engineering.

**Agenda 2: Number of Theory and Labs for UG Courses**

After detailed deliberations it was resolved to introduce 6 + 2 Scheme in 3<sup>rd</sup> and 4<sup>th</sup> Semesters and 5 + 3 Scheme from 5<sup>th</sup> to 7<sup>th</sup> Semesters, except in Textiles and Silk Technology.

Schemes of 3<sup>rd</sup> and 8<sup>th</sup> Semesters be submitted by 25<sup>th</sup> November, 2014.

The Joint Board of Studies shall meet by 10<sup>th</sup> December, 2014.

By 20<sup>th</sup> January, 2014 final syllabus of 3<sup>rd</sup> and 4<sup>th</sup> Semesters be finalized and go for printing by February, 2015.

Chairmen are requested to stagger some common subjects and labs which are common to their branches.

Outcome based approach be kept in mind while framing the new Scheme & Syllabus.

Cyber security may be made compulsory in Computer Science and Information Science branches, and be kept as elective in other branches.

Similarly, Industry Safety may be included as elective in all branches with common syllabus which will be prepared by Mechanical Board.

### **Agenda 3: Internship for UG and PG Courses.**

For UG Courses: objectives of internship

- i) Industry exposure
- ii) Project can be taken up.
- iii) Employability (skill development)

Student may spend at least 15 days. Before completion of eight semesters, student shall have to complete two months of internship.

The scope and modalities be worked out by a Sub-Committee, the report shall be submitted before the next Joint Board of Studies Meeting.

### **Agenda 4: With the permission of the Chair:**

#### i) Multiple exit scheme

Sub Committee be formed to come up with scope and modalities for this scheme.

#### ii) Railway Engineering Course

May be started as a Sponsorship course from Metro.

UG course may be started. After discussions with Dr. Sridharan, a Committee be formed, with members from the Railway Board, to finalise the Scheme & Syllabus.

#### iii) Separate BOE in Nanotechnology, Aeronautics are recommended to be formed.

#### iv) Students registered in Nanotechnology for Ph.D. shall be given Ph.D. in Nanotechnology.

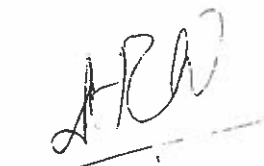
Teaching faculty for Nanotechnology course is Mechanical Engineering, M.Tech. in Nanotechnology, and Ph.D. in Nanotechnology.

For course work in Nano Technology Ph.D.:

Four papers from Engineering Background, six papers from Science Background.

Finally, the Hon'ble Vice-Chancellor, Dr. H. Maheshappa appreciated the good work of all the Boards and concluded the meeting by thanking all board chairmen.

The meeting concluded with thanks to the Chair.

  
31.10.14