



# ADITYA ENGINEERING COLLEGE

An Autonomous Institution

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Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

## Department of Mechanical Engineering

Date: 02-12-2017

### Minutes of the II meeting of BOS scheduled on 30-11-2017

The II meeting of the BOS (Board of Studies) of ME was held on 30-11-2017 at 10:00 AM in the Ajivika Conference Hall, Bill Gates Bhavan, AEC. Prof.A.Saravanan, chairperson presided over the meeting.

#### **Agenda 2.1: Welcome address by Chairperson-BOS**

Prof A.Saravanan, BOS chairperson invited the distinguished members of BOS to the II BOS Meeting.

#### **Agenda 2.2: Ratification of minutes of the previous Board of Studies meeting**

The BOS members have ratified the points discussed in the previous Board of Studies meeting held on 29/05/2017.

#### **Agenda 2.3: Discussion on proposed AR17 B.Tech(ME) Program-III, IV & V Semester Syllabus and ratification of the same**

BOS members approved the syllabus of III, IV & V Semester Syllabus and ratified the same.

After long discussion with the BOS members on the syllabus, the following suggestions and made:

- Suggested to keep only two text books (One Indian Author and One Foreign Author).
- Suggested to introduce Otto cycle, diesel cycle, dual cycles in power cycles and also refrigeration cycles in thermodynamics of III Semester.
- Suggested to change the subject name of Computer Aided Engineering Drawing Practice as Advanced Engineering Drawing (with introduction to computer aided drafting).
- Suggested to shift Isometric Projections to Unit-II and change Unit-II as Unit-I, Unit-III as Unit-II in computer aided engineering drawing practice.
- Suggested to keep fatigue testing experiments MOS lab.
- Suggested to provide drawing sheet for KOM.
- Suggested to keep Unit-I as introduction to Machine design ,Unit-II as design under fluctuating stresses in Design of Machine members-I.

- Suggested to shift BIS codes from unit-II to unit-I, and remove general considerations of engineering materials in unit-I of DMM-I.
- Suggested that Design data book is not allowed in DMM-I.
- Suggested to introduce limits, fits, tolerances and types of assembly systems in production drawing of Machine Drawing subject.
- Suggested to shift clutches to Unit –I, Brakes, Dynamometers and Governors as Unit –II in Dynamics of machinery.
- Suggested to remove Industrial safety in metal cutting machine tools and replace it in Industrial Engineering & Management as unit –II.
- Suggested to keep testing of fuel properties like flash, fire point, viscosity and remove study of various boilers in Thermal Engineering Lab.
- Suggested to introduce Condition Monitoring and FFT analyser, add solutions of governing equations in Unit-II and springs in Unit-IV.
- Suggested to keep 3<sup>rd</sup> Unit of Mechanics of Solids as Second Unit in Material Engineering of Mining Engineering.
- Suggested to change the unit name convection heat transfer and Radiation heat transfer to convective and Radiative heat transfer in Heat and Mass Transfer subject in Agricultural Engineering.

**Agenda 2.4: Discussion on proposed AR17 M.Tech (TE) Program-III&IV Syllabus and ratification of the same**

- BOS members approved the proposed AR17 M.Tech (TE) Program-III&IV semesters Syllabus and ratified the same.

**Agenda 2.5: Analysis of students feedback & Action taken report.**

BOS Chairperson expressed that the student feedback & action taken report process was initiated at end of each semester. BOS members noted the same.

**Agenda 2.6: Any other item with the approval of Chairman.**


- NIL

**Agenda 2.7: Scheduling of next Board of Studies meeting.**

- The next BOS meeting is tentatively scheduled in the month of October 2018.

**Agenda 2.8: Vote of Thanks**

Prof A.Saravanan, BOS Chairperson presented the Vote of thanks.

  
BOS Chairperson

Head of the Department  
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