

## AGENDA

### BOARD OF STUDIES MEETING FOR B.Tech COURSE

Agenda of Third Board of Studies Meeting of Department of Mechanical Engineering.  
Swarnandhra college of Engineering and Technology (Autonomous) on 16-06-2016 at 10:00AM.

1. Review of Second Board of Studies Meeting.
2. CBCS (Choice based credit System) course structure (applicable for the batches admitted from 2016-17)
3. Syllabus finalization for I, II, III & IV Semesters of Mechanical Engineering.
4. Skill based Laboratories.
5. Professional & open electives
6. Any other matter with the permission of Chair.

### MEMBERS ATTENDED FOR BOS MEETING [U.G]

<u>S.NO</u>	<u>NAME</u>	<u>BOS DESIGNATION</u>	<u>SIGNATURE</u>
1.	Dr. A. GOPICHAND	CHAIRMAN	A. Gopichand
2.	Dr. K. GOVINDARAJULU	SUBJECT EXPERT NOMINATED BY V.C	K. Govindarajulu
3.	Dr. P. BANGARU BABU	SUBJECT EXPERT NOMINATED BY A.C.	P. Bangaru Babu
4.	Dr. G. KRISHNAIAH	SUBJECT EXPERT NOMINATED BY A.C	G. Krishnaiah
5.	Mr. R. SATYANARAYANA	INDUSTRIAL EXPERT	R. Satyanarayana
6.	B. SRINIIVAS	INTERNAL MEMBER	B. Srinivas
7.	D. BHANU PRAKASH	INTERNAL MEMBER	D. Bhanu Prakash
8.	R. SAM SUKUMAR	INTERNAL MEMBER	R. Sam Sukumar
9.	P. SATYANARAYANARASU	INTERNAL MEMBER	P. Satyanarayana Rasu



## MINUTES OF THIRD BOS MEETING FOR B.TECH MECHANICAL ENGINEERING

1. Review of Second Board of Studies Meeting.

Chairman read the second BOS meeting minutes and approved by the board of studies.

2. CBCS (Choice based credit System) course structure (applicable for the batches admitted from 2016-17)

Choice based credit system was discussed and approved with following suggestions

- (a) In the first and second semesters subject titles chemistry for engineers and Physics for engineers to be modified as engineering chemistry and engineering physics.
- (b) In the first semester for the subjects Fundamentals of computers and C-Programming and C Programming lab BOS suggested to change as problem solving through computer lab.
- (c) In the third semester Mechanics of solids and Metallurgy labs to be divided into two separate labs with one credit each.
- (d) Representation of marks in the course structure is not necessary.
- (e) In program elective production stream is replaced with manufacturing and industrial engineering streams and suggested to include electrical and electronics as another stream.

3. Syllabus finalization for I, II, III & IV Semesters of Mechanical Engineering.

The syllabus for discussed for each subject of I, II, III & IV Semesters and finalized after suggesting the following modifications:

- (a) In the Second semester for the subject engineering mechanics more importance is given for forces in plane and space.
  - (b) The BOS suggested some more Standard books as text books.
4. Skill based Laboratories.

The BOS suggested to change the lab title as motivation for innovation lab instead of skill based laboratory.

5. Professional & open electives:

- (a) In Manufacturing stream BOS incorporated Tool design, NC&CNC Machines, Un Conventional Machining Processes and Flexible Manufacturing Systems as electives.
- (b) In Industrial Engineering stream BOS incorporated Production planning and control, Optimization techniques, Total Quality Management and Supply chain management as electives.
- (c) In electrical and electronics stream suggested Microprocessors, Control Systems, Network Theory and Mechatronics as electives.
- (d) The choice of selecting Open elective and Program elective procedures has to define clearly in the regulations.
- (e) The BOS suggested to provide Energy audit as open elective from EEE department instead of Non-Conventional Sources of Energy.
- (f) BOS incorporated Industrial Robotics and Introduction to mechanical engineering to offer as open elective from mechanical engineering department.

6. Any other matter with the permission of Chair:

BOS suggested more industry interaction is required for the students and to encourage students for industrial tours and internship programs.

