



SWARNANDHRA
COLLEGE OF ENGINEERING AND TECHNOLOGY
(AUTONOMOUS)
DEPARTMENT OF MECHANICAL ENGINEERING
SIXTH BOARD OF STUDIES MEETING- UG

43

DATE: 23-12-2020

VENUE: ONLINE

TIME: 09.30 AM

AGENDA

1. Review of previous BOS meeting minutes
2. Discussion on R20-Course Structure for Mechanical Engineering (Applicable for the admitted batch from 2020-21)
3. Finalization of R20 course structure for Semester I to IV and syllabus for I Sem and II Semester for B.Tech Mechanical Engineering (Applicable for the admitted batch from 2020-21).
4. Any other matter with the permission of chair.

Approved by
BOARD OF STUDIES
Department of MECH ENGRS
Swarnandhra College of Engineering & Technology

MEMBERS ATTENDED FOR BOS MEETING [U.G.]

S.No	NAME	BOS DESIGNATION	SIGNATURE
1.	Dr. A GOPICHAND	CHAIRMAN	A. Gopichand
2.	Dr. K. MEERA SAHEB	SUBJECT EXPERT NOMINATED BY Y.C	[Signature]
3.	Dr. P. RAVI KUMAR	SUBJECT EXPERT NOMINATED BY A.C	
4.	Dr. G. KRISHNAIAH	SUBJECT EXPERT NOMINATED BY A.C	
5.	Mr. R. SATYANARAYANA	INDUSTRIAL EXPERT	
6.	O.N.V. SATYA KIRAN	ALUMINI	Absent
7.	Dr. G. ROBERT SINGH	INTERNAL MEMBER	[Signature]
8.	Dr. R. SANJEEV KUMAR	INTERNAL MEMBER	[Signature]
9.	Dr. R. LALITHA NARAYANA	INTERNAL MEMBER	[Signature]
10.	Dr. M. FRANCIS LUTHER KING	INTERNAL MEMBER	[Signature]
11.	Mr. B. SRINIYAS	INTERNAL MEMBER	[Signature]

SWARNANDHRA
COLLEGE OF ENGINEERING AND TECHNOLOGY
(AUTONOMOUS)

MINUTES OF SIXTH BOARD OF STUDIES MEETING (UG-MECH)

DEPARTMENT OF MECHANICAL ENGINEERING

BOS meeting started at 9.30 AM. The BOS chairman welcomed all BOS members.

1. Review of previous BOS meeting minutes

The chairman discussed the fifth BOS meeting minutes.

2. Discussion on R20-Course Structure for B.Tech Mechanical Engineering (Applicable for the admitted batch from 2020-21)

The chairman introduced the course structure for R20 regulation with 160 credits (I to VIII Sem) and syllabus for the courses in I and II semesters. The following modifications were suggested by the BOS members.

- In 4th semester, Mathematics course should be included as basic science course instead of professional core course.
- Mandatory courses suggested by AICTE and Andhra Pradesh State Council of Higher Education should be included.
- Major and Minor degree concepts included in the course structure.

3. Finalization of R20 course structure for Semester I to IV and syllabus for I Sem and II Semester for B.Tech Mechanical Engineering (Applicable for the admitted batch from 2020-21)

The following modifications were suggested by the BOS members

- Engineering Graphics should be common to Mech, Civil and Robotics in the first year and Engineering Drawing should be common for remaining branches.
- Some parts of Computer Aided Engineering Drawing (CAED) from semester 2, included with Engineering Graphics in semester 1.
- In semester 1, Basic Electrical Engineering course modified as Basic Electrical and Electronics Engineering.
- In semester 1, Basic Electrical Engineering lab course modified as Basic Electrical and Electronics Engineering lab.
- In semester 1, IT workshop is replaced by Basic CAD lab course.
- In semester 2, CAED course replaced with Engineering Mechanics.
- In semester 3, Thermodynamics course name changed as Engineering Thermodynamics.
- Strength of Materials course name changed to Mechanics of Solids course and included in 3rd semester.
- In semester 4, Internet of Things (IoT) course and Internet of Things (IoT) Lab courses are replaced by PYTHON Programming course and PYTHON Programming Lab courses.



- 'Construction of regular polygons' and 'Concept of Traces' topics to be included in Engineering Drawing syllabus.
- The following skill-oriented courses suggested by BOS members
 - MATLAB Programming
 - Fusion 360
 - 3D Experience
 - Advanced Welding Process

The BOS meeting was closed by 11.00 AM.

A. Sankar
CHAIRMAN
BOARD OF STUDIES
Department of MECH ENGO
Tatyasaheb Galbra College of Engineering & Technology



6th BOS Meeting Video Link

https://drive.google.com/file/d/1bZD9EL1uEeQsaWDT_dnb8boA715OqNkh/view?usp=sharing