



**SWARNANDHRA**  
**COLLEGE OF ENGINEERING & TECHNOLOGY**  
(AUTONOMOUS)

Accredited by NBA (ECE), AICTE, NEW DELHI • Accredited by NAAC with "A" Grade - 3.32/4.00 CGPA  
Recognised by UGC Under Sections 2(f) & 12(B) of UGC Act 1956  
Approved by AICTE, New Delhi, Permanent Affiliation to J N T U K, Kakinada  
Seetharampuram, NARSAPUR - 534 280, W.G.Dist., Andhra Pradesh

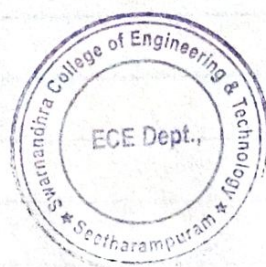
Date: 19.12.2020

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**  
(Accredited by NBA)  
**BOARD OF STUDIES-MINUTES OF MEETING FOR UG B.TECH PROGRAMME**

The Board of Studies meeting of the ECE department held on 19<sup>th</sup> Dec 2020 at 11.00 AM through online for the approval of the R20 course structure as per the Revised Engineering Curriculum-2020 framed by the **Andhra Pradesh State Council of Higher Education (APSCHE)**.

The following members were attended the BOS meeting

S.NO.	Name of BOS Member	Designation in BOS
1	Dr.B.S Rao	Chairman
2	Dr.B.T.Krishna	University Nominee
3	Dr.N.N.Murthy	Subject Expert Nominated by Institute
4	Dr.K.Sri Rama Krishna	Subject Expert Nominated by Institute
5	Dr.J.Sheeba Rani (By Email)	Subject Expert Nominated by Institute
6	Mr.S.R.T.Rama Samy (By Email)	Industrial Expert
7	Mr.S.Naveen sri sai (By Email)	Alumni Member
8	Dr.K.Balamurugan	Internal Member
9	Dr.A.Anto S K	Internal Member
10	Dr.N.Kopperundevi	Internal Member
11	Mr.J.E.N. Abhilash	Internal Member
12	Mr.S Srilali	Internal Member
13	Mr. Y. V. A. Prasad	Internal Member
14	Mr. D. Sekhar	Internal Member
15	Mr.M Prem Chand	Internal Member
16	Mrs.M.Radha Rani	Internal Member



*[Signature]*  
CHAIRMAN  
BOARD OF STUDIES  
Department of ECE  
Swarnandhra College of Engineering & Technology



The BOS Chairman Dr.B.Subrahmanyeswara Rao welcomed all the Experts and Members. He presented the new Revised Course Structure through PPT as follows,

1. The Revised Engineering Curriculum-2020 is framed by APSCHE in detail for all the Semesters.
2. Designed R20 Course Structure of the ECE Department according to Revised Engineering Curriculum-2020, APSCHE
3. Comparison of R19 & R 20 Course Structure with AICTE Curriculum.
4. Various degrees such as B.Tech-Regular, B.Tech Honor, and B.Tech Minor are offered by APSCHE. After the presentation of the BOS Chairman, the room is given to the experts for discussion.

**Dr. B. T. Krishna, HOD, ECE Dept., UCEK, JNTUK, Kakinada, University Nominee,**

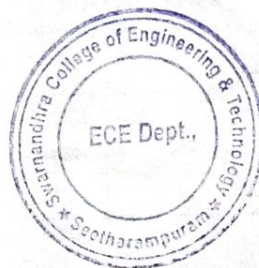
1. Advised the committee to check the possibility to reduce the load of the II semester
2. As the course Electrical Machines & Control Systems in IV semester is the combination of two courses, the syllabus has to be framed carefully in-order to complete the syllabus within the stipulated time by the Faculty members.
3. Appreciated that the courses in the other semesters are well organized.
4. Stated that the tutorial class has to be included for the mathematical based courses.

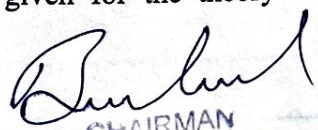
**Dr. N. N. Murthy, Assoc. Prof., EEE Dept, IIT, Tirupathi, Subject Expert**

1. Discussed about the content of the courses, Electronic Circuits-I, and Electronic Circuits-II. Also, suggested to provide a meaningful title for those courses according to the syllabus.
2. The course, Processors, and controllers in VI resemble the course of other departments. Suggested to rename the course that should be more specific and discussed the prerequisite courses of Processors and controllers.
3. Suggested that tutorial class has to be included for the mathematical based courses such as DSP, SS, Control system.
4. Advised to offer the courses Python and Java Programming in the lower semester which will be helpful for the placement activities in the 7<sup>th</sup> semester.
5. Appreciated the BOS Chairman for offering the PCB design course as one of the skill-based courses.
6. Suggested that 4 credits have to be provided for mathematical courses or the courses with tutorial classes.
7. Informed that in IITs 170credits are needed to get the degree and he suggested to maintain the same. BOS Chairman answered that APSCHE suggested 160 credits for B.Tech Regular and 180 credits for B.Tech Honor and Minor.
8. Asked about the courses for B.Tech Honor and Minor. The BOS chairman answered that it will be discussed in the upcoming BOS meeting.

**Dr. K. Sri Rama Krishna, Principal, Potti Sriramulu Chalavadi Mallikarjuna College of Engineering & Technology, Vijayawada, Subject Expert**

1. Suggested to maintain the same name for Theory and Laboratory of the course English offered in II semester. Similarly, the same name should be given for the theory and Laboratory of the course C++.



  
CHAIRMAN  
BOARD OF STUDIES  
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Swarnandhra College of Engineering & Technology

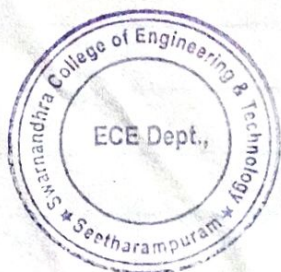


2. Noticed that 4 labs are in the II semester. He suggested to balance the load in the II semester.
3. Suggested to provide more importance while framing the syllabus of the course Electrical Machines and Control system. He also suggested that the course Electrical Machines and Control system has to be offered in the lower semester instead of the IV semester.
4. Asked the BOS Chairman that any other chance will be given to the student who missed the Internship offered at the end of the fourth semester.
5. Suggested that tutorial class has to be included for the mathematical based courses such as DSP, SS, Control system.
6. Asked about the prerequisite courses of Electronic Circuits I. BOS chairman answered that the syllabus of Engineering Physics will be framed by considering the prerequisites.
7. Appreciated the skill-based courses offered in the R20 regulation.

### General

1. It is suggested to bring important contents of Computer Organization and Architecture course in Processor and Controllers.
2. It is suggested to conduct the HONOR and MINOR courses regularly. BOS Chairman answered the HONOR and MINOR courses will be conducted regularly and the Elective and Open Electives will be provided in the upcoming BOS meeting.

The BOS Chairman concluded the session and informed that the corrected R20 course structure will be mailed to the experts for approval. He requested the Experts to approve the corrected R20 course structure and ended with Vote of Thanks.



*Dr. B. S. Rao*  
**Dr. B. S. Rao**

**Chairman BOS**

**Department of ECE**

**CHAIRMAN**

**BOARD OF STUDIES**

**Department of ECE**

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