

BOS-R-23 V & VI Sem Course Structure & Syllabi



**SWARNANDHRA COLLEGE OF ENGINEERING AND TECHNOLOGY**

(Autonomous)

Narsapur, West Godavari District, A.P. 534280

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**BOARD OF STUDIES-MINUTES OF MEETING**

DATE:

04/07/2025

The Board of Studies meeting of the ECE department held on 4<sup>th</sup> July 2025 at 2:00 PM through online mode for the change and approval of R23, V and VI SEM Course Structure and Syllabi.

| S.No. | Name of BOS Member   | Designation in BOS       |
|-------|--|--------------------------|
| 1.    | Dr. B. Subrahmanyeswara Rao  | Chairman                 |
| 2.    | Dr. K. Chandra Bhushana Rao, Professor, JNTUGV, Vijayanagaram.                       | JNTUK University Nominee |
| 3.    | Dr. P. Rajesh Kumar, Professor, Andhra University, Visakhapatnam.                    | Subject Expert           |
| 4.    | Dr. K. Balamurugan, Professor, Saveetha University, Chennai, Tamilnadu.              | Subject Expert           |
| 5.    | Mr. Siva Karunakaram, CEO, AEP Certification, Hyderabad                              | Industrial Expert        |
| 6.    | Mr. D. Jaswanth Sai, Network Security Engineer, Sophos Technologies Pvt Ltd, Gujarat | Alumni Member            |
| 7.    | Dr. Y. S. V. Raman   | Internal Member          |
| 8.    | Dr. D. Sekhar  | Internal Member          |
| 9.    | Mr. K. V. C. B. Rao  | Internal Member          |
| 10.   | Mr. I. V. Ravikumar  | Internal Member          |
| 11.   | Mrs. G. Blessy Christina   | Internal Member          |
| 12.   | Mrs. M. Radha Rani   | Internal Member          |

**Agenda:**

1. Approval of R23 V and VI SEM Course Structure and Syllabus of UG-Programme.
2. Approval of ECE offered R23 EEE Courses and syllabus for V and VI Semesters.
3. Approval for Modification in syllabus of few courses.



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**MINUTES OF BOS MEETING**

1. BOS Chairman Welcomed the University Nominee Dr. K. Chandhra Bushana Rao, Subject Experts Dr. P. Rajesh Kumar, Dr. K. Balamurugan, Industrial Expert Mr. Siva Karunakaram, Alumni Member Mr. D. Jaswanth Sai and Faculty Members.
2. BOS Chairman presented all the above Agenda points and later room is given to the Experts for discussion and suggestions.

**Dr. K. Chandra Bhushana Rao, Professor, ECE Dept., UCEGV, JNTUGV, Vijayanagaram, University Nominee suggested the following:**

1. Suggested to follow University defined Courses including Minors and Majors, Course Names and Electives.
2. Approved to replace the Combinational Logic circuits with IC Versions in Unit- IV for A&DICA course.
3. Approved the topics of Unit- V for A&DICA course.
4. Approved to replace the topic Applicability and Proofs for equivalence of directional characteristics with Reciprocity Theorems in Unit-II for AWP course.
5. Approved to change the topic Effects of Uniform and Non-uniform Amplitude Distributions, Design Relations Arrays with Parasitic Elements in Unit-III for AWP course.
6. Suggested to check the connectivity of unit title and contents for course DSD through HDL unit IV.
7. Approved to change the Unit-IV title to Switch Level Modeling from FSM Design and added some topics from Unit-III to Unit-IV.

**Dr. P.Rajesh Kumar, Professor, Dept. of ECE, Andhra University, Visakhapatnam, Subject Expert suggested the following:**

1. Suggested to check the Open Electives Titles not to match with Professional Electives.
2. Approved to change IC versions in Unit-IV for A&DICA course.
3. Suggested to check connectivity of Contents in Units.
4. Suggested to check the suitability of Synthesis for continuity in unit-IV of DSD through HDL.
5. Given Approval to change the topic Effects of Uniform and Non-uniform Amplitude Distributions, Design Relations Arrays with Parasitic Elements in Unit-III for AWP course.



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**Dr. K. Balamurugan, Professor, Saveetha University, Chennai, Tamilnadu, Subject Expert suggested the following:**

1. Suggested to conduct the Laboratory sessions for digital devices through HDL.
2. Given Approval for all other courses of V and VI SEM from JNTUK.
3. Suggested to check connectivity of Contents in Unit-IV of DSD through HDL.

**Mr. Siva Karunakaram, CEO, AEP Certification , Hyderabad, Industrial Expert suggested the following:**

1. Suggested to provide ICs with data sheets for students which help for Industrial Applications.
2. Suggested to include PYTHON Programming along with MATLAB Simulation for doing practicals.
3. Given Approval for all other courses of V and VI SEM from JNTUK.

**Mr. D.Jaswanth Sai (17A21A04C0), Network Security Engineer, Sophos Technologies Pvt Ltd,Gujarat, Alumni Member suggested the following:**

1. Given Approval for all other courses of V and VI SEM from JNTUK.
2. Suggested to include more lab sessions for acquiring practical knowledge.

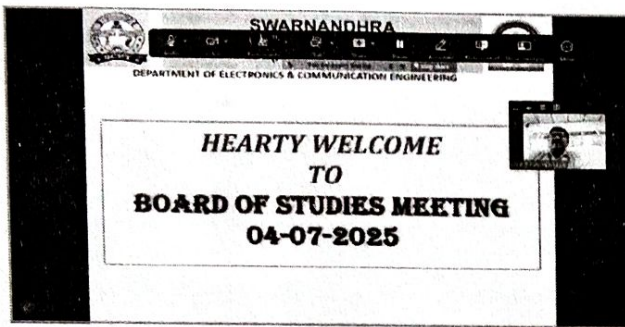
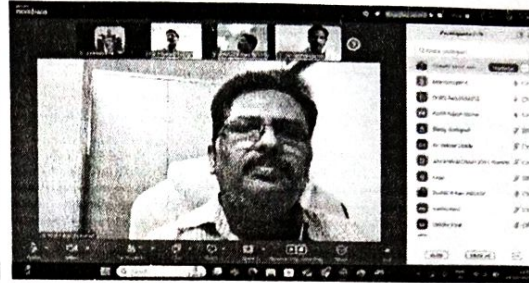


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*Dr. B. S. Rao*  
Dr. B. S. Rao, 5/7/21  
BOS Chairman,  
Department of ECE.