



VASIREDDY VENKATADRI
INSTITUTE OF TECHNOLOGY

(AUTONOMOUS)

Approved by AICTE and Permanently Affiliated to JNTU Kakinada, Accredited by NAAC with 'A' Grade & NBA Accreditation

Minutes of Board of Studies Meeting

Date: 16th June 2022

The fourth External Board of Studies Meeting of the Department of Electronics and Communication engineering was held online on 15.06.2022 at 02:00PM in MS Teams platform to finalize the syllabus for III-I and III-II semesters under R-20 regulations and also to finalize the syllabus for IV-I and IV-II semesters under R-19 regulations.

The following members were present:

S.No.	Name of the BoS Member	Designation	Signature
1	Prof. M. Y. Bhanu Murthy	Chairman, Prof & HoD ECE	
2	Dr .K. Padma Priya	University Nominee and External BoS Member	
3	Dr. B. Anuradha	Subject Expert and External BoS Member	
4	Dr .G. N. Swamy	Subject Expert and External BoS Member	
5	Dr. K. Giri Babu	Dean of Academics, Member	
6	Dr. P. Ammi Reddy	Professor, Member	
7	Dr. V. T. Venkateswarlu	Professor, Member	
8	Dr. Sk. Enaul Haq	Professor, Member	
9	Dr. K. Vasu Babu	Professor, Member	
10	Mr .G. V. Satya Kumar	Assoc.Professor, Member	
11	Mr. Sk. Riyazuddin	Assoc.Professor, Member	
12	Mr. G. Amar Tej	Asst.Professor, Member	
13	Mr. N. Venkata Praneeth	Industry Expert and External BoS Member	
14	Mr. D. Krishna Chaitanya	Member, Alumnus	

At the onset of the meeting, the Chairman of BoS, Prof. M. Y. Bhanu Murthy, welcomed all the members and introduced members to the External Subject Experts. The meeting began with the presentation of curriculum by the chair for semesters II-I, II-II, III-I, III-II, IV-I and IV-II approved under R-19 and R-20 regulations. He then presented the syllabus of all subjects of III-I and III-II semesters under R-20 regulations followed by presentation of syllabus of all subjects of IV-I and IV-II semesters under R-19 regulations for approval, prepared by the internal BOS members.

Resolutions in Meeting

Agenda 1: To discuss and finalize the syllabus of the proposed III-I and III-II Semester courses of R-20 (Autonomous) regulations.

Resolutions: Syllabus of III-I and III-II Semester is approved by the Board of Studies Committee.

Encl: **Annexure -I**

Agenda 2: To discuss and finalize the syllabus of the proposed IV-I and IV-II Semesters of R-19 (Autonomous) regulations.

Resolutions: After due consultations and the suggestions of BoS experts, the proposed course contents of IV-I and IV-II semesters are finalized.

Encl: **Annexure-II**

Agenda 3: To discuss about awarding 3 credits for completing at least one MOOC as Professional Elective - II or III of 12 weeks duration by students of R-20 regulations.

Resolutions: After due deliberations, the External BoS Committee accepted that students can enroll for MOOC in their II Year II Sem and should submit course completion certificate on or before their IV Year I Sem to consider it as Regular Evaluation. Else, it will be considered as supplementary.

General Comments

1. External BoS expert Dr. K. Padma Priya enquired about internal and external evaluation procedures. Dr. P. Ammi Reddy explained the norms being followed at VVIT.
2. External BoS expert Dr. B. Anuradha has asked to include year of publication and edition for the recommended text books in each subject.
3. The external BoS members expressed their satisfaction towards the contents for each subject prepared by the internal BoS members.
4. Chairman Prof. M. Y. Bhanu Murthy informed the BoS members that the syllabus of core subjects is prepared keeping in view GATE, competitive and job-oriented exams.
5. The committee gave their consent to the department to award 3 credits for students under R-20 regulations once they complete at least one MOOC preferably from SWAYAM/NPTEL through online, before their IV Year I Sem.
6. For courses offered by other departments, syllabus should be approved in their respective department external BoS meetings.

Curriculum related Comments

Comments by Subject Expert and External BoS Member Dr. B. Anuradha:

1. Advised to replace the word 'study' with 'design' in the names of laboratory experiments.
2. Suggested to include practical approaches in dealing with different neural networks in Unit-V in the course Artificial Neural Networks.
3. Suggested changing the name of VLSI Design course to 'CMOS VLSI Design.'
4. Recommended reference book "Digital Signal Processing" authored by S. Salivahanan to be included in the DSP syllabus.

Comments by Subject Expert and External BoS Member Dr. G. N. Swamy:

1. Suggested to assign subject codes as 19ECXXX and 20ECXXX to identify courses under R-19 and R-20 regulations respectively.
2. Opined to specify respective streams for Professional Electives mentioned in the curriculum.
3. Suggested to place 'Environmental Science' subject in the II Year itself in R-20 curriculum.
4. Recommended that students should perform minimum 5 experiments separately in Part A and Part B in Microwave Engineering and Optical Communication Lab.

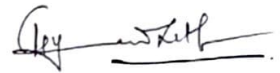
Comments by Industry Expert and External BoS Member Mr.N.Venkata Praneeth and Alumnus Mr. D. Krishna Chaitanya:

1. Mr. N. Venkata Praneeth suggested that 'OOPS Through JAVA' course should be made mandatory in view of the importance of this course in Placements.
2. Mr. D. Krishna Chaitanya recommended offering 'Web Development/JAVA Script/HTML' as skill advanced courses under R-20 curriculum.
3. Mr. N. Venkata Praneeth suggested offering courses related to 'Cloud Computing' as Professional Elective Courses in III-I and III-II semesters under R-20 curriculum.
4. Mr. N. Venkata Praneeth recommended offering 'Machine Learning' as Open Elective-III, while Mr. D. Krishna Chaitanya recommended offering 'Advanced JAVA' as Open Elective-IV from the pool of open elective courses in R-20 curriculum.

According to the comments made by the Subject Experts and Industry Expert, the Chairman Prof. M. Y. Bhanu Murthy decided to implement the following in the course structure and syllabus:

1. The word 'study' shall be replaced with 'design' in the list of lab experiments wherever applicable.
2. Topics related to practical approaches in dealing with different neural networks shall be included in Unit-V in the course 'Artificial Neural Networks.'
3. After deliberations, it was decided to retain course name as 'VLSI Design' instead of 'CMOS VLSI Design' as suggested by Dr. B. Anuradha.
4. "Digital Signal Processing" authored by S. Salivahanan shall be included in the list of reference books in the DSP syllabus.
5. As subject codes will be assigned by the Examination Cell, the Chairman decided to follow those subject codes in the course structure, as decided by the exam cell as per autonomous regulations.
6. Domain names shall be included for each pool of Professional Electives.
7. As R-20 curriculum structure was already approved in the BoS meeting held last year, it was decided to offer 'Environmental Science' subject in III-I Semester without any change.
8. Minimum 5 experiments to be done by students separately in Part A and Part B in Microwave Engineering & Optical Communication Lab.
9. OOPS Through JAVA course shall be offered mandatorily from the pool of Open Electives in III-I Semester as Open Elective-II under R-20 curriculum.

10. As almost all students will be encouraged to complete AWS certifications, it was decided to offer 'Cloud Computing' course to students pursuing Minor Degree.
11. 'Web Development/JAVA Script/HTML' shall be offered as Skill Advanced Course in IV-I semester under R-20 regulations.
12. 'Machine Learning' shall be offered as Open Elective-III and 'Advanced JAVA' as Open Elective-IV in R-20 curriculum.
13. In reply to the suggestion by Dr. K. Padma Priya about the introduction of Digital ICs in the subject Digital System design (DSD), the chairman has given clarification about its inclusion in the respective units of syllabus along with coding.
14. After due deliberations, the committee approved the syllabus of all subjects in III-I and III-II semesters under R-20 regulations, and syllabus of all subjects in IV-I and IV-II semesters under R-19 regulations without any changes.



(Prof. M. Y. Bhanu Murthy)

Chairman, BoS