VVIT

VASIREDDY VENKATADRI
INSTITUTE OF TECHNOLOGY

(AUTONOMOUS)

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

Minutes of Board of Studies Meeting

Date: 04th June 2023

The fifth External Board of Studies Meeting of the Department of Electronics and Communication engineering was held online on 03.06.2023 at 11:00AM in MS Teams platform to finalize the syllabus for IV-I and IV-II semesters under R-20 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.Sk.Enaul Haq	Professor, Member	
8	Dr.Sk.Riyazuddien	Assoc.Professor, Member	
9	Mr.G.V.Satya Kumar	Assoc.Professor, Member	
10	Mr.G.Amar Tej	Asst.Professor, Member	
11	Mr.N.Venkata Praneeth	Industry Expert and External BoS Member	
12	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-20 regulations. He then presented the syllabus of all subjects of IV-I and IV-II semesters under R-20 regulations for approval, prepared by the internal BOS members.

Resolutions in Meeting

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

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

Encl: **Annexure –I**

Agenda 2: To seek approval for evaluating CSP (Community Service Project) in the Final Year and to award 4 credits by splitting the credits from the IV Year – II Semester major project as per the proceedings No. JNTUK/DAP/CSP/Distribution of Credits/2022 dated on 24-09-2022.

Resolutions: After due consultations, the External BoS Committee recommended evaluating CSP (Community Service Project) in the Final Year and awarding 4 credits by splitting the credits from the IV Year – II Semester major project.

Encl: **Annexure-II**

Agenda 3: To discuss about awarding 3 credits for completing at least one MOOC as Professional Elective – 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 numerical problems in Unit-I in the course Radar Engineering.

3. Recommended reference book "IoT Hands-on Experience" authored by Harshadeep Bhage to be included in the Skill Advanced Course 'IoT Tools and Applications' syllabus.

4. Advised faculty to register for NPTEL courses in their respective subjects to gain thorough understanding of the subject.

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

1. Suggested to assign subject codes as 20ECXXX to identify courses under R-20 regulations.

2. Opined to specify respective streams for Professional Electives mentioned in the curriculum.

3. Suggested to include no. of hours for every unit in the syllabus across all courses.

4. Recommended to adopt practical aspects in communication satellites in the course Satellite Communications to help interested students design satellite technology for projects.

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 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. Numerical problems shall be included in Unit-I in the course 'Radar Engineering.'

3. "IoT Hands-on Experience" authored by Harshadeep Bhage shall be included in the list of reference books in the IoT Tools and Applications syllabus.

4. 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.

5. Domain names shall be included for each pool of Professional Electives.

6. No. of hours shall be included in every unit across all courses in the syllabus.

7. Topics on practical aspects in designing communication satellites shall be included in the Satellite Communications course syllabus.

8. OOPS Through JAVA course has been offered from the pool of Open Electives in III-I Semester as Open Elective-II under R-20 curriculum.

9. As almost all students will be encouraged to complete AWS certifications, it was decided to offer 'Cloud Computing' course to students pursuing Minor Degree.

10. After due deliberations, the committee approved the syllabus of all subjects in IV-I and IV-II semesters under R-20 regulations.

(Prof.M.Y.Bhanu Murthy)

Chairman, BoS