



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 1st External BOS meeting

Department of Computer Science and Information Technology

The first External Board of Studies (BoS) meeting at Department of CS&IT for the CSE (IoT, Cyber Security including Blockchain Technology - CIC) branch was held on 17-06-2021 to ratify the R20 Curriculum. The meeting was conducted in online mode via Microsoft Teams due to the prevailing COVID-19 second wave.

The following members were present:

S.No	Name	Designation	Signature
1	Dr. M.R.N.Tagore	Chairman	
2	Dr. D.Haritha	External Member (University Nominee)	
3	Dr. K.V.Ramanaiah	External Member (Subject Expert)	
4	Dr. Rajendra Prasath	External Member (Subject Expert)	
5	Mr. T. Mallikarjuna Rao	External Member (Industry Expert)	
6	Mr. J. Madhu Babu	Member	
7	Mr. A. Prasanth	Member	
8	Mr. P. Siva Prasad	Member	
9	Mr. Ch. Ramprasad	Member	

The following items were taken up for discussion during the BoS meeting:

Item No	Item Description
1	Curriculum semester-wise discussion
2	Syllabi for semesters 3 and 4
3	Discussion on Skill oriented and skill Advanced courses
4	Minor and Honour Degrees



Minutes of BoS Meeting

At the onset of the meeting, the BoS chair, Dr. M.R.N.Tagore, welcomed all the members to the BoS meeting. The Chairman unveiled the agenda of the meeting after the initial introduction of members to each other. The members discussed different proposal submitted by Board of Studies of Department of CS&IT and resolved to approve as follows.

(A) Resolutions

Item-1: Discussion on Semester-Wise Curriculum

Resolution-1: The members have discussed the curriculum structure of CSE (CIC) branch for elaborately and resolved to approve the structure proposed by the department of CS&IT.

The chair further explained to the External BoS members that the curriculum structures of APSCHE and AICTE were well versed in core training and cross-training. VVIT's Internal BoS designed CSE (CIC) curriculum structure to reflect the APSCHE and AICTE structures in adherence to JNTU (K) guidelines.

The members opined that the curriculum presented to them has been made competent enough to fit the current technological needs. However, they made a few suggestions on II and III year structures.

- Dr. D. Haritha opined that the SE lab placed in Semester 3 was of little significance. Due to similar concerns conveyed by the rest of the BoS members, the BoS Committee discarded the SE lab in favour of the UML lab in Semester-3.
- As the curriculum doesn't provision Unix Programming exclusively as a subject, the External BoS advised to insert a UP Lab in one of the semesters. Thus, the Computer Networks Lab in Semester 4 has been replaced with UNIX and NETWORK Programming Lab.
- The External BoS members expressed their satisfaction over the remaining curriculum of all semesters. Dr. Rajendra Prasath, however, had expressed that the subject pool under professional electives and open electives could be elegantly modified to make the pools more competent. When the BoS chair requested Dr. Rajendra Prasath for advice on possible subjects to be added or discarded, Dr. Rajendra Prasath insisted on discussing elective subjects in the next BoS meeting.

- The External BoS members have expressed their satisfaction over the autonomous evaluation procedures adopted at VVIT.

The course structure has been attached to this document in Annexure-1.

Item-2: Discussion on syllabus of Semester-3 and Semester-4.

Resolution-2: After extensive deliberations the expert committee resolved to accept the syllabus presented by the BoS committee of CSE (CIC) up to semester 4.

The expert committee has considered the syllabus framed by the department of CS&IT. A detailed discussion has taken place on the syllabus of Semesters-3 and Semester-4 and all the topics for each subject are scrutinized carefully before approving the syllabus. External BoS members expressed their satisfaction over the contents and scope of the syllabus for each subject.

The Annexure-2 attached below consists of syllabus for Semester- 3 and Semester-4.

Item-3: Discussion on Skill-oriented and Skill-advanced courses.

Resolution-3: After prolonged discussions on the pools of skill oriented and skill advanced courses, the expert committee resolved to approve the proposed pool of subjects that are going to be offered.

The expert committee reviewed the subjects proposed by CSE(CIC) department for skill oriented and skill advanced courses. After prolonged discussion, some changes were inducted in the skill-based courses pool as per the recommendations from External BoS members.

- Upon agreeing the suggestion of Dr. K.V.Ramanaiah, The introduction to electronics hardware was discarded from Skill-oriented courses, as the evaluation procedure included practical mode.
- As Advanced Python Programming was recommended, it was included in the Skill-oriented course-1 pool.
- For Skill-oriented course-2, Dr K.V.Ramanaiah, recommended a microprocessor and microcontroller based course. Accordingly, the course, 'Programming with 8051 Microcontroller' was added to the pool.
- The committee also recommended considering advanced software tools like Tableau and Mongo DB, thereby including the in the revised pool.

- Dr K.V.Ramanaiah has also suggested to consider the soft-skills in fifth semester rather than in sixth semester but the department has denied due to administrative reasons.

Annexure-3 below has the pool of courses offered for Skill-oriented and Skill-advanced courses.

Item-4: Discussion on Minor and Honor Degrees

Resolution-4: After brief explanation from the chair, the expert committee has to resolved to approve the minor degree course and honors degree course offered under the branch CSE (CIC).

Following the guidelines of JNTUK, the VVIT has taken the initiative to award both Minor and Honour degrees. The BoS chairman has brought to the notice of External BoS members about the modes and modalities of offering minor and honors degrees to students.

- The minors degree is offered by the Department of Computer Science and Information Technology to other branch students upon successful completion of 6 Courses. A Student can select four subjects from the prescribed pool of subjects @ 3-0-2-4 credits per subject. Compulsory MOOC/NPTEL courses for 04 credits (02 courses @ 02 credits each).
- The honors degree is offered to Department of Computer Science and Information Technology branch students upon successful completion of 6 Courses. A Student can select four subjects from the prescribed pool of subjects @ 3-0-2-4 credits per subject. Compulsory MOOC/NPTEL courses for 04 credits (02 courses @ 02 credits each).

(B) General Suggestions

The External BoS members have given few suggestions to members of CSE (CIC) as this branch is newly taking off. Some of the important suggestions are noted as below.

- While formulating the syllabus, it must be framed from 2 or 3 text books only. Advising students to read more than 2 text books for the entire syllabus should not be encouraged.
- Students should be encouraged to focus on self learning and problem solving. They

- Assignments should be designed properly so as to benefit the students. Giving unsolved problems as assignments is advised.
- The basic subject syllabi are to be carefully reviewed to be consistent with Gate syllabi.
- Related lab of every subject should reflect the contents of the concerned subject.
- The faculty members are advised to attend workshops, conferences and webinars on current technologies and software tools to get updated with the ever-transient industry standards.
- The questions framed for Open Book exams must be of higher knowledge levels of blooms taxonomy pertaining to apply, analyze and evaluate levels only.
- Emphasis on 1st year Math and Physics syllabi should be such as to bring them in line with the engineering syllabi through real-life examples and marvels of engineering.
- The variation in hours / periods for the same credit courses, they need to be streamlined and they are to be similar.



(Dr M.R.N.Tagore)

HoD, Dept of CS&IT.