Minutes of 1st External BOS meeting

Department of Computer Science

The first External Board of Studies (BoS) meeting at Department of CS for the CSE (AI & ML) branch was held on 18-06-2021 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. P. Sudhakar	Chairman	
2	Dr. O. Srinivasa Rao	External Member (University Nominee)	O. Srinivas Rao
3	Dr. D. Rajya Lakshmi	External Member (Subject Expert)	D. Rajya Laml
4	Dr. G. Murali	External Member (Subject Expert)	
5	Mr. T. Raghuvaran	External Member (Industry Expert)	
6	Mr. A. Sai Krishna	Alumni Member	A. Sai Krishna
7	Mr. K. Mohan Krishna	Member	K. Mohan Krishna
8	Mr. M N Sri Harsha	Member	
9	Mr. B L Praveena	Member	B Praveena
10	Mr. N. Brahmanaidu	Member	N. Brahma Naidu

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. P. Sudhakar, 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 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 (AI&ML) branch for elaborately and resolved to approve the structure proposed by the department of CS.

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 (AI & ML) 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. O. Srinivasa Rao made small suggestions and told that the curriculum was closely in conformance with that of JNTUK.
- 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 committed resolved to accept the syllabus presented by the BoS committee of CSE (AI & ML) up to semester 4.

The expert committee has considered the syllabus framed by the department of CS. 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 (AI & ML) 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.

- As Advanced Python Programming was recommended, it was included in the Skill-oriented course-1 pool.
- For Skill-oriented course-2, Dr. D. Rajya Lakshmi, recommended a Mobile App Development
- The committee also recommended considering advanced software tools like Mongo DB, thereby including the in the revised pool.
- Dr. Rajya Lakshmi said that the course structure should contain all the GATE subjects.

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 (AI & ML).

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.
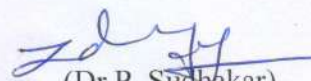
- The minors degree is offered by the Department of Computer Science to other branch students upon successful completion of 6 Courses. A Student can select four subjects from the prescribed pool of subjects @ 3-0-2-4 credits per subject. Compulsory MOOC/NPTEL courses for 04 credits (02 courses @ 02 credits each).
- The honors degree is offered to Department of Computer Science 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 (AI & ML) 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 should be encouraged to ask questions in the classroom environment.
- 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.
- The variation in hours / periods for the same credit courses, they need to be streamlined and they are to similar.

(Dr P. Sudhakar)
HOD, Dept of CSE(AI & ML).