



VASIREDDY VENKATADRI
INSTITUTE OF TECHNOLOGY

(AUTONOMOUS)

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

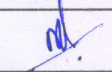

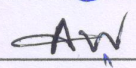
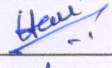
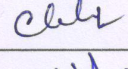




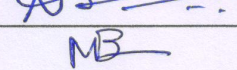
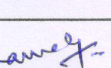
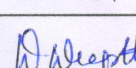
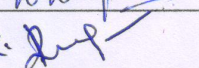
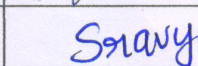
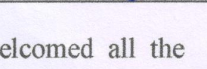
Minutes of Board of Studies Meeting

Date: 25th May 2021

The third Board of Studies Meeting of the Department of Computer Science and Engineering was held online on 24.05.2021 at 02:00PM via MS Teams platform to finalize curriculum for all semesters of R-20 (Autonomous) regulation as well as finalizing the syllabus for II-I and II-II semesters and also to finalize the syllabus for III-I and III-II semesters under R-19 regulations.

The following members were present:

S.No	Name of the BoS Member	Designation	Signature
1	Prof. R Eswaraiiah	Chairman	
2	Prof. MHM Krishna Prasad	University Nominee and External BoS Member	
3	Prof. E. Sreenivasa Reddy	External BoS Member and Subject Expert	
4	Dr T Kameswara Rao	BoS Member	
5	Dr G Sanjay Gandhi	BoS Member	
6	Dr N Lakshmi Prasanna	BoS Member	
7	Dr SkKhaja Mohiddin	BoS Member	
8	Prof K Suresh Babu	BoS Member	
9	Mr P R Krishna Prasad	BoS Member	
10	Ms P Jeevana Jyothi	BoS Member	
11	Mr J Madhu Babu	BoS Member	

12	Mr P Siva Prasad	BoS Member	
13	Mr M N Sri Harsha	BoS Member	
14	Mr A Vishnu Vardhan	BoS Member	
15	Mr Ch Hari Prasad	BoS Member	
16	Mr T Seshu Chakravarthy	BoS Member	
17	Dr K Lohitha Lakshmi	BoS Member	
18	Mr Ch Vijayananda Ratnam	BoS Member	
19	Mr R Chittibabu	BoS Member	
20	Ms. MVara Lakshmi	BoS Member	
21	Mr N Sri Hari	BoS Member	
22	Mr N Brahma Naidu	BoS Member	
23	Ms G Rama Devi	BoS Member	
24	Ms D Deepthi	BoS Member	
25	Ms K Radha	BoS Member	
26	Ms Sravya Bhimineni	Alumni Member	

At the onset of the meeting, the Chairman of BoS, Prof R Eswaraiyah, welcomed all the members and introduced internal BoS members to external BoS members. 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 under R-20 regulations. He then presented the syllabus of all subjects of II-I and II-II semesters under R-20 regulations followed by presentation of syllabus of all subjects of III-I and III-II semesters under R-19 regulations, prepared by the internal BoS members.

The confirmed minutes after the 3rd BoS meeting held on 24-05-2021 are inscribed below.

Item 8.1: Confirmation of 2nd BoS meeting minutes

Dr. R Eswaraiyah presented the analysis report on execution of R19 and R20 existing syllabus and stated that its being done in a formal way without any deviations in syllabus perspective. Members appreciated it. The BoS, Chair CSE with the approval from External Members, confirmed the 2nd BoS meeting minutes.

Resolution 8.1:

Confirmed the 2nd BoS meeting minutes and unanimously approved and decided to continue same efforts.

Item 8.2: Review of R20 Course Structure

Dr. R Eswaraiah presented the R20 Course structure to all the members. After enough discussion, following remarks and advises were by the external members and Head of Institution.

- The external members scrutinized the fact that, while casting professional core subjects across the semesters, enough care was taken to maintain prerequisites for each course are covered in earlier semesters.
- They also satisfied with the inclusion of all Higher Education Entrance exams viz.GATE, related core courses being perfectly retained in the R20 curriculum by CSE.
- Universal Human Values-I and Universal Human Values-II were emphasized by Dr.E.Sreenivasa Reddy, to be added as mandatory.
 - UHV-1 as bridge course in I-I and UHV-2 in 7th semester as suggested.
 - He also advised faculty of CSE have to be ready for handling these courses with special preparation.
 - Principal Dr.Y.M. Reddy, informed him that VVIT is running a drive for preparing a pool of faculty from all branches to get trained to teach UHV, in their respective branches.
 - BoS of CSE, made necessary changes in curriculum to include the UHV-2 at 7th semester and UHV-1 already launched as a bridge course.
- The pool of Skill Oriented Courses(SC) offered at apt semesters were appreciated by the External members. They also advised a separate table for SCs offered, to be placed for reference later.
 - Industry and Alumni member Ms.Sravya Bhimineni, opined that, it's better to include industry niche skill ReactJS, compared with native approach in regular syllabus. She added that, React JS as a stream for WebApplication Development, as it serves in Hybrid development.
- The pool of Open Elective Courses(OE) proposed by the BoS are approved by the External members after a scrutiny against their importance for the CSE branch and expertise available in offering branches.
 - Prof. K Suresh Babu in reply to the query raised by Dr.TKameswara Rao, assured that Open Electives/Job Oriented Courses can be used exclusively for JOB orientation.
 - OEs can be framed mutually by CSE and IT departments offering each other.
- Proposed Pools of Professional Electives(PE) streams offered are appreciated by the External Members.
 - Prof.G Sanjay Gandhi suggested the board to add User Interface/User Experience (UI/UX) course to the pools, as it's a potential and job-winning one.
 - CSE-BoS-External, University member, Prof. MHM Krishna Prasad, emphasized that, the clause to include at least two MOOCs has been rightly utilized in the R20 curriculum.
 - He also advised that, keeping the MOOCs slots open for the students, to choose, based on the contemporary courses run by the NPTEL/Swayam, by their III and IV year of study.
 - Dr. E.Sreenivasa Reddy, emphasized that Institute must follow, MOOCs guidelines also, while offering them to students.

- He also informed, NPTEL/SWAYAM courses, Spoken Tutorials credits are more directly authorized by AICTE, APSCHE and JNTUK, over the others like Coursera, Udemey etc.
- He also stated, while enrolling any student to the NPTEL courses, HoD must approve ONLY RE-RUN Courses, such that even in the case, if the candidate FAILS, it can be attempted again in later semesters.
- He also suggested, the HoD to encourage students such that they take up and complete MOOCs course in III-I itself, so that the candidate can focus on Training in the III-II semester.
- He reminded that the intention of these MOOCs is to encourage the SELF-LEARNING component of students.
- In case of MOOCs by NPTEL/SWAYAM, along with IIT expert resource faculty, Institute's internal faculty also can train the students, based on the learning capabilities of students, in parallel.
- Regarding the Mandatory Courses(MC), the External members satisfied with the conformance.
 - When the External members inquired about the sources of Internship, Principal Dr. Y. M. Reddy and Dr. R Eswaraiyah replied, by stating MoUs of VVIT with industry MNCs and about Internshala, the popular online internship resource.
 - Prof. E.Sreenivasa Reddy, also suggested the board, to follow BOLT programme by Govt of Maharashtra and APSSDC programmes often floated, which are also worthy.

Resolution 8.2:

- The Head of CSE assured to make the changes and include the suggestions made by the external members.
- The proposed R20 Course Structure is in conformance with that of AICTE, APSCHE and JNTUK's recent 2021 guidelines, in the credit break up and layout.

Item 8.3: Review of R20 II Year Detailed Syllabus

Dr. R Eswaraiyah, presented the detailed syllabi for R20 second year of study.

The external members made following suggestions after enough discussion.

- The proposed R20 syllabi of II year B.Tech CSE and II year B.Tech IT are compared and scrutinized to prove that the necessary typical ingredients that contrast IT and CSE are maintained.
- The external suggested that the Number of Lecture Hours proposed for each Course must be in line with that of Academic Calendar and available weeks of instruction against the proposed lecture hours per week.
- A detailed list of WEB-RESOURCES along with links are to be included in references of each Course, as suggested by the External Members.
- The external members expressed their satisfaction over the inclusion of COs, POs and CO-PO mapping and Justification for each course.
 - The external members felt that the Topic Level Objectives and Outcomes shall also be included in the detailed syllabus of each course.
- Prof. E.Sreenivasa Reddy, advised that, in Programming Courses, like Python or Java, the GUI design part shall be included without omission, considering its importance.
 - Dr. R Eswaraiyah replied that in CSE, in II-I Skill Oriented Course Advanced Python Programming includes the concepts of Image& Audio related API.
 - Dr R Eswaraiyah also informed that in CSE, in II-II Skill Oriented course includes Mobile application development.

- Dr. E.Sreenivasa Reddy, stated that, an update of 10-20 percent shall be made in Practical course experiments, emphasizing the importance of Autonomous Curriculum.
 - Dr. R Eswaraiah replied that, in all possible practical courses, they made the update of experiments to the allowed portions.
- Prof. N Lakshmi Prasanna, advised that, Practical Courses without concerned theory can be adjusted. She advised Software Engineering Lab to be placed in II-1

Resolution 8.3:

- The Head-CSE assured to make the changes and include the suggestions made by the external members.
- A refinement in CO statements is to be done
- A refinement in CO-PO-PSO Justification is to be done.
- A detailed list of WEB-RESOURCES along with links are to be included in references of each Course.
- The proposed R20 B.Tech II Year detailed syllabi of CSE is approved with minor changes

Item 8.4: Review of R19 III Year Detailed Syllabus

Dr. R Eswaraiah, presented the detailed syllabi for R19 Third year of study.

The external members made following suggestions after enough discussion.

- The proposed R19 syllabi of III year B.Tech CSE and III year B.Tech IT are compared and scrutinized to prove that the necessary typical ingredients that contrast IT and CSE are maintained.
- Dr R Eswaraiah, requested external members to suggest their inputs in regard of AI Lab, they asked a copy of detailed lab for later revision and suggestions.
- The external members expressed their satisfaction over the inclusion of COs, POs and CO-PO mapping and Justification for each course.
 - The external members felt that the Topic Level Objectives and Outcomes shall also be included in the detailed syllabus of each course.

Resolution 8.4:

- The proposed R19 B.Tech III Year detailed syllabi of CSE is approved by the Board.
- A detailed list of WEB-RESOURCES along with links are to be included in references of each Course.

Item 8.5: Regarding Minor and Honors Degree

The chairman of CSE informed that Minor is offered for R19 students and both Minor and Honors will be offered from R20 regulation onwards, after careful wait-watch strategy. The Committee appreciated the stand.

Dr R Eswaraiah, informed the Board that CSE branch is NOT offering Minor or Honors degree for now.

The external members after a scrutiny and discussion on the Courses, suggested as below.

- Prof. E.Sreenivasa Reddy, expressed that the Courses offered shall be learnable by the receiving branch students.

- Prof. E.Sreenivasa Reddy, opined that, if each Course is packed with a Lab, it becomes tough to achieve by the student of NON-CSE branches.
 - Principal Dr. Y.M. Reddy replied, the Minor Degree will be opted only by the Meritorious students.
- Prof. E.Sreenivasa Reddy questioned that the 4 Credits offered for each Course shall also explicitly mention the EVALUATION PATTERN AND POLCIES.
 - Principal Dr. Y.M. Reddy assured, appropriate evaluation strategies with strong rubrics will be designed and submitted in next meeting.
 - Dr R Eswaraiiah added that if a student fails in a Course, he will NOT be entitled to get the Minor Degree as per the AICTE, APSCHE and JNTUK guide lines. A strict adherence to that norm shall followed.
- Prof. MHM Krishna Prasad advised that, for CSE R19 and R20 students also, Minor and Honors Degree shall be offered, in order NOT to disappoint the creamy students.

Resolution 8.5:

- The Minor and Honors degrees offered by CSE department are approved by the external members and asked the Board to submit a detailed list of Courses along with syllabus, Evaluation pattern and enrolment plans for reference.

Item 8.6: Proposing guidelines to be adopted in implementing the program.

The Chairman of BoS-CSE, assured the committee that all traditional to innovative pedagogies in Teaching-Learning will optimally followed in the implementation of programs.

The guidelines to be adopted in implementing the programs were assured to be in line with APSCHE, JNTUK and VVIT Autonomous regulations.

The Course delivery for R20 was proposed to be a hybrid mode for effective teaching learning.

Resolution 8.6:

The committee unanimously resolved to choose apt methods based on the abilities of students by utilizing all the innovative T&L methodologies as advised and stipulated by Higher Learning Academic authorities like AICTE, APSCHE and JNTUK.

Item 8.7: Discussing the internal& external evaluation pattern

The Chairman of BoS-CSE, assured that the Internal & external evaluation pattern will be as per the VVIT Autonomous Examination Manual, which strictly abides by the JNTUK approved norms.

Resolution 8.7:

The committee unanimously resolved to choose apt methods based on the abilities of students by utilizing all the innovative T&L methodologies as advised and stipulated by Higher Learning Academic authorities like AICTE, APSCHE and JNTUK.

Item 8.8: Any other with the permission of Head of Institution

As no other points rose by the members, the meeting ended with concluding remarks and read-out of excerpts by the Chairman BoS of CSE.