



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

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Approved by AICTE, New Delhi. and Affiliated to JNTUK, Kakinada

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DEPARTMENT OF INFORMATION TECHNOLOGY

Minutes of the 17th Board of Studies (BOS) meeting held on 05-08-2023

| S.No | Name of the Member | Designation | Signature |
|------|--|-------------------------|-----------|
| 1 | Dr. B. Srinivasa Rao, Head of the Department- IT | BOS Chairman | |
| 2 | Dr. K. V. Ramana Rector, JNTUK, Kakinada | University Nominee | |
| 3 | Dr. G. Vara Prasad, Director, National Board of Accreditation | Subject Expert | Online |
| 4 | Dr. E. Damodar Reddy Associate Professor, National Institute of Technology, Goa | Subject Expert | Online |
| 5 | Mr. Pramod . Sk, Project Manager, Thought Works, Hyderabad. | Industry Representative | Online |
| 6 | Mr. K. Jagadesh Sai, Senior System Engineer, Infosys Hyderabad. | Alumni | Online |
| 7 | Dr. S. Naganjaneyulu | Internal Member | |
| 8 | Dr. A.V.N. Reddy | Internal Member | |
| 9 | Dr. K. Venugopal | Internal Member | |
| 10 | Dr. K. Phaneendra | Internal Member | |
| 11 | Mrs. M. Hema latha | Internal Member | |
| 12 | Mr. G. Rajendra | Internal Member | |
| 13 | Mrs. A. Sarvani | Internal Member | |

The BOS Chairman welcomed all the honourable members of the BOS by reading out their biographies and accomplishments. He expressed gratitude for accepting the invitation to join the Board of Studies. On behalf of all the faculty, he expressed gratitude for their insightful comments, advice, guidelines, and interest in the department's general progress. He asked for continuous support to establish IT as one of the most popular departments and to bring out IT experts who can compete. He expressed his sincere gratitude for the thoughtful conversations with people who invest their time and resources to produce the greatest results. He read the BOS agenda to begin the BOS meeting.

Agenda

- 1) Confirmation of minutes of 16th BOS meeting held on 28-01-2023.
- 2) Review of Action Taken Report (ATR) on the minutes of 16th BOS meeting held on 28-01-2023.
- 3) Discussion and review of stakeholders' feedback on the curriculum up to 2022-23.

- 4) Information and discussion on COs, POs & PSOs attainment and ATR for 2019-23 batch.
- 5) Discussion and Approval of Structure and syllabi for R23 Regulation including specification of COs and CO-PO articulation matrix.
- 6) Information on Teaching Learning Process.
- 7) Approval of SWAYAM courses for Minor program for the A.Y 2023-24.
- 8) Information on Academic Performance, Placements and Higher Studies of the students for the A.Y 2022-23.
- 9) Information & Discussion on R&D for the A.Y.: 2022- 23.
- 10) Information on events organized & attended for the A.Y 2022-23.
- 11) Any other matter with permission of chair.

Suggestion given by BOS members

- 1) **Confirmation of minutes of 16th BOS meeting held on 28-01-2023.**
 - Discussed the conclusions of the 16th BOS.
- 2) **Review of Action Taken Report (ATR) on the minutes of 16th BOS meeting held on 28-01-2023.**
 - Revised changes done based on the inputs provided in previous meeting are discussed and approved.
- 3) **Discussion and review of stakeholders' feedback on the curriculum up to 2022-23.**
 - The BOS chairman has presented the feedback given by various stake holders in framing the R23 course structure.
 - **Decision-** Improve the student participation in various co-curricular and extra-curriculum activities.
 - Increase the frequency of hands-on workshops.
 - Paid Internships like HP, Samsung, Dell, Amazon, Oracle for the students must be encouraged. In this regard Samsung is offering project for the institutions to enable the students to participate in this project. This is offered in hybrid mode (Offline and online mode).
- 4) **Information and discussion on COs, POs & PSOs attainment and ATR for 2019-23 batch.**
 - The BOS chairman has presented the POs and PSOs attainment and ATR for the 2019-2023 batch.
 - **Decision:** Noted and approved the action taken report of POs and PSOs attainment for 2019-2023 batch.
 - Write the ATR specific to the PO, instead of generalized statement.
 - Advisable to take 80% from the direct attainment and 20% from the indirect attainment in the calculation of PO.
- 5) **Discussion and Approval of Structure and syllabi for R23 Regulation.**

BOS Chairman presented the detailed course structure and syllabi. External BOS members suggested the following modifications.

III Semester

- Avoiding merging of Computer Organization (CO) and Digital Logic Design (DLD) and also need to maintain order.
- In User Interface and User Experience Lab (UI/UX Design Lab), the theory exam must be conducted as theory component is included, or if this is treated as

only a lab course avoid the theory component instead include tutorial and practical components as 1 and 2 respectively. Change L,T,P(1,0,2) to L,T,P(0,1,2).

- Justify the usage of Auto CAD for IT Students. Only if any of the student join in the industry related to Auto CAD, Auto CAD for IT students is meaningful.

V Semester

- Instead of directly placing the “Cryptography and Network Security” in V semester, it is advisable to follow the order as Cryptography and Information Security and then Network Security. Network Security can be placed in program elective.

VI Semester

- Advisable to include the IOT theory along with IOT lab and Big Data Analytics can be moved to program elective.
- Learning of FlowCode (Simulator) can be included as one of the experiment in IOT Lab.
- Replace the Cyber Security Lab present in VI semester with Cloud Computing Lab.
- In a semester consider three labs with 2 credits or four labs with 1.5 credits.
- Consider offline internship for students which helps to gain practical knowledge.

VII Semester

- Computational Tools can be offered for the skill advanced courses present in VII sem. The Computational tool must be combination of R, Python, Matlab, Weka tool. This can be used to develop the project.
- Introduce prompt engineering which is used for language learning model.

VIII Semester

- Advisable to conduct external evaluation exam for community service project because its credits are greater than “1”.
- Try to incorporate the flipped classes rooms and blended learning.
- Refine the old textbooks present in the syllabus to the latest editions.

6) Information on Teaching Learning Process.

- BOS Chairman discussed the six teaching learning methods and also role playing and course-based project.
- The BOS members have appreciated department faculty for using ICT facilities in teaching learning implementation.
- Discussed about remedial classes, Learning Material, Attendance Monitoring, Revision Classes, Bridge Classes opted for slow learner.
- Discussed about Minor Programs, Global Certifications, Foreign Language Training, Competitive Examinations, Merit Scholarships opted for advanced learners.
- Discussed about the Online Certification Courses, Incubate ideas in Incubation Centre, Co-Curricular, Extra-Curricular & Extension Activities for all the students.

7) Approval of SWAYAM courses for Minor program for the A.Y 2023-24.

- Presented list of minor courses and courses offered by NPTEL
- Noted and Approved by the BOS members

8) Information on Academic Performance, Placements and Higher Studies of the students for the A.Y 2022-23.

- Presented the student performance, placements and Higher Studies of the students for the A.Y 2022-23.
- BOS chairman revealed that 94.12% are graduated students and success index of 92% for A.Y: 2019-2023.
- It is observed that there is great increase in higher education than the previous year.
- In A.Y: 2022-23, the total number of students placed are 122. The highest package is 17L.

9) Information & Discussion on R&D for the A.Y: 2022- 23.

- Presented the research progress of the faculty along with the count of journals (SCI, SCOPUS, Conference), books and patent for A.Y: 2022-23.
- Presented for the A.Y:2022-23, the total of 5 SCI journals, 2 ESCI, 2 Scopus, 10 conference processing (Scopus), 4 patents.
- Suggested to aim for Q1, Q2 journals.

10) Information on events organized & attended for the A.Y 2022-23.

- BOS chairman presented the list of faculty and students events organized in the department
- Suggested to increase the frequency of hands-on workshops.
- Plan the workshop on Virtual and Augmented reality.

BOS chairman concluded by thanking all the external and internal BOS members for valuable suggestions and smooth conduct of the BOS meeting.


Dr. B. Srinivasa Rao,

(Head of the Department)