LORDS INSTITUTE OF ENGINEERING & TECHNOLOGY

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Estd 2002

Department of Computer Science and Engineering

Date: 6-04-2024

Minutes of the meeting of the Fourth Board of Studies.

The Fourth Board of Studies Meeting of the Department of Computer Science and Engineering was held on 6-04-2024 at 10:00 AM in Management Board Room, Lords Institute of Engineering and Technology, Hyderabad.

Members:

S. No	Name with Designation	Category	Signature
1	Dr. T K Shaik Shavali Professor, HOD, CSE, LIET	Chairperson	
2	Prof. P. V. Sudha Professor, Department of CSE, Osmania University, Hyderabad.	Member-University Nominee	P. V. Sudha 06/04/24
3	Dr. V. Vijaya Kumar, Professor Department of CSE, Anurag University, Hyderabad	Member – Academician	
4	Dr. B. Satyanarayana Professor Dept of CSE & Principal, CMRIT, Hyderabad.	Member – Academician	
5	Mr. Imranuddin Qazi Cloud Architect, IBM, Hyderabad	Member-Industry	
6	Mrs.Navya Uckoo Consultant, Capgemini, Hyderabad	Member-Alumni	
7	Dr. Ravi Kishore Singh Principal, LIET	Special Invitee	
8	Dr. J. Sasi Kiran Professor, Dept. of CSE., LIET	Member	
9	Dr. Khaja Misbahuddin Quadry Associate Professor	Member	
10	Dr. Ruhiat Sultana Associate Professor, CSE Dept & HoD CS	Member	
11	Mrs MD Asma Associate Professor, CSE Dept LIET	Member	

AGENDA:

1. Confirmation of 3rd BoS Minutes held on 11-04-2023.
2. Action taken report on 3rd BoS minutes.
3. Discussion and on Syllabi of LR21 B.E VII and VIII Semester Courses and Open electives.
4. Discussion on Syllabi of LR23 B.E III and IV Semester Courses and Service Subjects.
5. Discussion on LR24 B.E 8 semesters Course Structure.
6. Comparison of LR24 curriculum with AICTE Model curriculum, LR23, LR21 and OU.
7. Discussion on Syllabi of LR24 B.E I and II Semester CSE Courses PPS & PP offered by CSE Dept.
8. Discussion on LR23 M.E./MTech III & IV Semester of CSE Course syllabi.
9. Discussion on LR24 M.E/MTech course structure.
10. Approval of Substitute/Additional Subjects for Re-Admitted Students.
11. Suggestions on Innovative Teaching Methodologies, R&D, Academic & Extension Activities.

Dr. T K Shaik Shavali, BoS Chairperson and HOD(CSE) welcomed all the members of the Board of Studies and other faculty members to the meeting. Chairperson introduced the new internal members, Ms.Asma, Dr. Khaja Mizbahuddin Quadry and Dr.Ruhiat Sultana. This was followed by the discussion on the agenda points mentioned above:

The following deliberations were made as per the agenda and resolutions were listed below.:

Item No.1: Confirmation of minutes of 3rd BoS held on 11-04-2023.

The Chairperson presented the minutes of the 3rd BoS meeting to the committee.

Resolution:

The committee approved the minutes.

Item No.2: Action Taken Report on 3$^{rd\ d}$ BoS minutes.

Deliberation:

The Chairperson presented the Action Taken Report on the 2nd BoS minutes held on 11-04-2023.

Resolution:

After discussion, the action taken report on the 3rd BoS minutes is approved and attached as an **Annexure I.**

Item No.3: **Finalization of B.E. LR-21 VII and VIII semesters course syllabi including open electives**

Deliberation:
The Chairperson presented the B.E VII & VIII Semester Course Syllabi and the members approved the syllabi including open electives **Basics of Data Science** and **Basics of Machine learning** offered by CSE department

Resolution:

The Committee approved the B.E. LR-21 VII and VIII semesters course syllabi and is attached as an Annexure II & Open Electives as Annexure III.

Item No.4: **Finalization of B.E. LR-23 III and IV semesters course syllabi including service subjects**

Deliberation:
The Chairperson presented the course syllabi of **B.E. LR-23 III and IV semesters** BoS Members suggested the following points:

a) Semester-III:

"Data Visualization Lab":
 Members suggested to add google cloud studio in addition to tableau and power BI to the existing syllabus

b) Semester-IV:

  1. **"Soft skills development Lab":**
 Members suggested to list out activities and include use cases to the existing syllabus

 Resolution:

 The Chairperson noted the suggestions given by members, the syllabus is modified accordingly and attached as an Annexure IV.

Item No.5: Approval of LR-23 service subjects Programming language lab 1 and Programming Lab 2 to other departments.
Deliberation:
The BoS Chairperson presented the syllabi of "**Programming language lab 1 and Programming Lab 2" for Civil and Mechanical Department.**

Members suggested to add one program as case study related to their respective Department for B.E II Year,

Resolution:

The Committee approved the syllabus and is attached as an Annexure V.

Item No.6: Approval of the LR-24 B.E. Course Structure

The Chairperson presented the LR-24 course structure and after elaborate discussion the following changes have been made

- Members suggested to make "Artificial Intelligence" and "Machine Learning" as one Subject in VI semester future suggested to keep first two units of AI and remaining three units of ML in the syllabus.

- Suggested to move Deep Learning from PE-II to core subject in Semester VII and also add Deep Learning lab in the same semester.

- Remove technical seminar in VI semester and to balance 1 credit Include Internship II in VI semester and evaluate in VII semester for 1 credit.

- PE II Course Software project management is swapped with PE-V Agile Methodologies

- Members suggested to rearrange the Professional Elective Thread 3 as "Data Science" as PE-I, "Big data Analytics" as PE-II, "Neural Networks" as PE-III, "Computer Vision" PE-IV and "Natural Language Processing" as PE-V.

Resolution:

The Chairperson noted the suggestions given by members, the Course structure is modified accordingly and attached as an Annexure VI.

Item No.7:
Item No.8: Approval of LR-24 Semester I & II PPS & PP Theory and PPS & PP Lab Syllabus.

Deliberation:

BoS Chairperson presented the syllabi of "Programming for Problem Solving" Theory and Lab course for B.E 1st Year I semester and Python Programming Theory and Lab course for B.E 1st Year II semester, BoS Members suggested the following points:

a) Semester-I:

"Programming for Problem Solving **Lab":**
Reframe two programs 9 & 11 as implement the concepts for the given sample data.

Resolution:

The Committee approved the syllabus and is attached as an Annexure VII.

Item No. 8: Finalization of M. Tech. LR-23 CSE course structure and III and IV semesters courses syllabi.

Deliberations:

The Chairperson presented the **M. Tech. LR-23 CSE III and IV semester Course** Syllabi and the members approved the syllabi

Resolutions:

The Committee approved the syllabus and is attached as an Annexure VIII

Item No 9: Approval of the M. Tech LR-24 Course Structure

Deliberations:

The Chairperson presented the LR-24 course structure and after elaborate discussion the following changes have been made

- Suggested to replace PE-I image Processing course with Software quality testing.
- Suggested to replace PE-II Data mining course with data science and PE-III Data science with Big Data Analytics
- Suggested to swap PE-II Ad-hoc sensor Network course with PE-VI Cloud COMPUTING COURSE
- Members suggested to rearrange the Professional Elective Thread 3 as "Software quality testing" as PE-I, "Agile Methodologies" as PE-II, "DevOps" as PE-III, "Software project management" PE-IV and "web and Database Security" as PE-V.

Resolution:

The Chairperson noted the suggestions given by members, the Course structure is modified accordingly and attached as an Annexure IX.

Item No 10: Approval of Substitute/Additional Subjects for Re-Admitted Students.

Deliberation:

The Chairperson presented Approval of Substitute/Additional Subjects

Resolution:

Noted and approved.

The Board of Studies members have approved the VII and VIII Semester Course Structure, Syllabi of LR-21, III and IV Semester Course Structure, Syllabi of LR-23, Course structure and Syllabi LR-24 I & II, MTech LR-23 Course Structure and Syllabi of Semester III and IV also approved the Substitute/Additional Subjects for Re-Admitted Student.

It is further resolved that the course structure and syllabi may be modified in subsequent Board of StudiesMeetings if required.

The Board of Studies members have appreciated the BOS chairperson and faculty members for their efforts in designing the course syllabi for VII and VIII Semesters of LR-21 and course syllabi for III and IV semesters of LR-23, Course structure and Syllabi Lr24 I & II semester and MTech LR-23 Course structure and Syllabi of III &IV semester.

Chairperson, Board of Studies is authorized to present the approved course structure and syllabi to theAcademic Council for further suggestions and approval.

Chairperson, Board of Studies thanked all the Board of Studies members for spending their precious time inreviewing the Course Structure and Syllabi and for providing valuable inputs in designing the syllabus.

Dr. T K Shaik Shavali
BoS Chairperson & Head
Department of Computer Science and Engineering
Lords Institute of Engineering and Technology (Autonomous)
Hyderabad.

Enclosures:

1. Action taken report on 3rd BoS minutes. – Annexure I

2. Finalization of B.E. LR-21 VII and VIII Semesters course structure and syllabi. – Annexure II

3. Approval of B.E Open Electives offered course syllabi. – Annexure III

4. Finalization of B.E. LR-23 III and IV Semesters course structure and syllabi. – Annexure IV

5. Approval of B.E Open Electives (PL 1 PL2) course syllabi. – Annexure V

6. Approval of B.E LR-24 regulation course structure. – Annexure VI

7. Approval of LR-24 PPS & PP Course Theory and Lab Syllabus. -Annexure-VII

8. Finalization of M. Tech (CSE) LR-23 Course Structure and syllabi for III and IV semesters – Annexure VIII

9. Approval of M.Tech LR-24 regulation course structure. – Annexure IX

10. Approval of the Substitute/Additional Subjects for Re-Admitted Student.-X

ANNEXURE I
Action taken report on 3nd BoS minutes.

S.No	Resolution	Action Taken
1	**III Semester Courses:** Suggested to remove the course Analog and Digital Electronics For Data Structures and algorithms course suggested to keep the title as Data Structures as the algorithm part can be kept in DAA subject	The Course Analog and Digital Electronics is removed and Digital Electronics and Computer Organization is kept as per the discussion and approval,
2	Python Programming: Suggested to enhance the scale of Python Programming syllabus and a chapter connecting applications to the databases to be included. Python Programming Lab: Suggested to keep the lab syllabus as per the Theory syllabus.	The suggestions are incorporated and syllabus is modified as per the discussions.
3	**IV Semester Courses:** Suggested Roger S Pressman 9th edition and make changes to the syllabus as per the contents. Unit -V content to be reduced and can be moved to Software Testing Methodologies course which is coming in the fourth coming semester.	The suggestions are incorporated and syllabus is modified as per the discussions and the Text book Roger S Pressman 9th edition is prescribed.
4	Database Management Systems: Suggested to add NoSQL concepts. A text book titled "Database System Concepts", McGraw- Hill, by Henry F Korth Abraham Silberschatz, S Sudharshan 6th Edition, 2017; to be used and the syllabus as per the latest edition.	No SQL concepts are added in the first unit and the text book suggested is prescribed. The syllabus is modified as per the discussions.

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6	**R&D Proposals:** R& D Proposal notifications from different funding bodies like AICTE, DST, SERB, BoS members suggested to make one industrial visit and one internship mandatory with/without credits. Awareness programs to publish research articles in Web of Science /Scopus Indexed Journals to be conducted.	SERB proposals are applied by the faculties in the Department Industrial Visit has been planned and internships are being done Faculties are motivated and made compulsory to publish the papers and the papers are published in reputed Journals, reimbursement is given by the college.

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