



LORDS INSTITUTE OF ENGINEERING & TECHNOLOGY

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Ref.No: LIET/CHEMISTRY /BoS-3/MoM/2024/3

Date: 22-06-2024

DEPARTMENT OF CHEMISTRY

MINUTES OF THE BOARD OF STUDIES MEETING - 3

Venue: Department of Chemistry, at 11 am in offline & online mode at Lords Institute of Engineering and Technology (A) with the following members to discuss the given agenda

Subject: ENGINEERING CHEMISTRY				
S.No.	Name of the Member	Designation	Category	Signature
1.	Dr. Rehana Anjum	Professor & HOD, Dept. of Chemistry, LIET	Chairperson	<i>[Signature]</i>
Nominees of Osmania University, Hyderabad				
2.	Dr. B. Manohar	Professor and Chairperson- Board of Studies, Department of Chemistry, University College of Science, Osmania University, Hyderabad.	University Nominee	<i>[Signature]</i>
Experts/Academicians from Outside the Parent University nominated by Academic Council				
3.	Dr. Salahuddin Syed	Associate Professor, Dept. of Chemistry, Maulana Azad National Urdu University, Hyderabad	External Member	<i>[Signature]</i>
4.	Dr. V. Rajender	Assistant Professor , Department of Chemistry, Vidya Jyothi Institute of Technology, Hyd.	External Member	<i>[Signature]</i>
Representative from R&D / Industry / Corporate Sector / Allied areas relating to placements				
5.	Mr. Hasan Zubair	Director, Cognizant Technologies, Hyderabad	Corporate Sector	<i>[Signature]</i>
6.	Mr. Shaik Liyaqath	Project Manager - Planning & Execution Dept, Success HVAC Solutions. Hyderabad	Alumni	<i>[Signature]</i>
Faculty members from each specialization				
7.	Dr. Md. Sameer Ahmed	Associate Professor, Dept. of Chemistry, LIET	Internal Member	<i>[Signature]</i>
8.	Mrs. Anjum Begum	Asst. Professor, Dept. of Chemistry, LIET	Internal Member	<i>[Signature]</i>
9.	Mrs. D.Sharon Swaroopa Rani	Asst. Professor, Dept. of Chemistry, LIET	Internal Member	<i>[Signature]</i>
10.	Mrs.Arshiya Anjum	Asst. Professor, Dept. of Chemistry, LIET	Internal Member	<i>[Signature]</i>
11.	Mrs.Sameera Begum	Asst. Professor, Dept. of Chemistry, LIET	Internal Member	<i>[Signature]</i>
12.	G Thulasi	Asst. Professor, Dept. of Chemistry, LIET	Internal Member	<i>[Signature]</i>
13.	Mrs. G Radhika	Asst. Professor, Dept. of Chemistry, LIET	Internal Member	<i>[Signature]</i>
14.	Mrs.K Puspallata	Asst. Professor, Dept. of Chemistry, LIET	Internal Member	<i>[Signature]</i>

AGENDA:

- Discussion & Approval of Detailed Courses Syllabus of LR-24 B.E 1st Year
Course Name: Engineering Chemistry (Theory)
Course Name: Engineering Chemistry Lab
Course Name: Environmental Sciences
- Suggestions on Innovative Teaching Methodologies.
- Suggestions on Research, Extension and other Academic Activities.

Permanent Invitees: Dr. Ravi Kishore Singh, Principal, LIET
Dr. J. Sasi Kiran, Dean Ist Year, LIET

Item No. 1: Introduction of BoS Members to the faculty and vice versa.

Deliberation: Dr. Rehana Anjum, BoS Chairman and HOD (Chemistry), welcomed all the members of the Board of Studies, Principal, Dean 1st Year and other faculty members to the meeting. This was followed by the discussion on the agenda points mentioned above:

- BoS Chairman introduced the BoS members to the respected Principal, LIET, and other faculty members of the department and introduced the department faculty members to Honorable BoS members and further presented the brief department profile.
- BoS Chairman shown the salient features, curriculum analysis, and I-year Chemistry (T&L) and ES courses syllabi to the members of the BoS.

Resolution: Noted and Approved

Item No. 2: Confirmation of last BOS minutes of meeting held on 13-04- 2023 at 11:00 am

Deliberation: BoS Chairperson Presented the all Minutes of the last meeting in the presence of all members of 3rd BoS and they verified the minutes and approved.

Resolution: Noted and Approved

Item No. 3: Action taken on the report of last BOS minutes of meeting held on 13-04-2023.

Deliberation: BOS Chairperson presented the Action Plan taken on Minutes of last BOS meeting held on 13-04-2024 as mentioned in below tabular column.

S. No	Points Discussed	Action Plan Taken
1.	University Nominee suggested the following points: <ul style="list-style-type: none">• Member suggested modify and change unit1 (Chem /ES) as per requirement of engineering students.• He also suggested some changes in Conductometry Experiment.• He suggested teaching hours for all units should be same.	All the Suggestions given by university Nominee have been taken to into consideration in the syllabus framing.
2.	External Member -1 suggested the following points: <ul style="list-style-type: none">• He strongly recommended to keep Battery as a separate unit.• Topic should be specific so that it could have clear picture for paper setter,• He suggested few corrections in terminology in List of the experiments for Lab.• He also recommended Engineering Chemistry Text Book by OG Palanna.• He emphasizes that ES Syllabus must have positive impact on student admission.	All the Suggestions given by External Member -1 have been taken and small changes were made accordingly in the syllabus in required places in EC (T/L) and ES will be implemented after approval of management and Principal.
3.	External Member-2suggested the following points: <ul style="list-style-type: none">• He stressed to modify the topics in Unit - 1 to the syllabus.• He recommended that should not be any repetition topics.	The suggestions of the external member-2 have been taken and modifications were made accordingly in the syllabus.
4.	Alumni Member suggested the following points: <ul style="list-style-type: none">• Suggested that the syllabus should be appropriate For the current scenario.• Accepted the syllabus as suggested by BOS members. Corporate Sector nominee has suggested the following:	Following the developments required in the syllabus given by respected members, noted down in the required areas and modified accordingly and bounded.

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| <ul style="list-style-type: none"> • He suggested to Keep the syllabi of Engineering Chemistry (T/L) and ES as per the suggestions given by BoS members for "LR-23" Regulations for the Academic Year 2023-24. | |
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Resolution: Noted and Approved

Item No. 4: Review and Finalization of course titles and syllabus of the B.E I-year, I & II Semester for the Academic year 2023-24 under the department of Chemistry.

Deliberation: The Chairperson BOS presented the I-Year I Sem & II Sem Course Structure and Syllabus for Academic Year 2024-2025 for the approval of BOS Members.

- Engineering Chemistry (T & L) in Sem -I for the CSM, IT, ECE, Mech, Civil & AIML Branches and in Sem-II for CSE, CSD branches.
- For Environmental Sciences in Sem -I for the CSE, CSD branches and Sem-II for CSM, IT, ECE, Mech, Civil AIML branches.
- Ratification of Question Paper Setters, Examiners & Evaluators of B.E I & II-Year I, II, III-Semester Question Paper Setters, Examiners & Evaluators names.

After a thorough deliberation, the following changes were discussed by the BOS Committee members.

1. University Nominee suggested the following points:

- He suggested including more content in battery as per requirement of engineering students.
- The committee Suggested to include a mandatory safety module at the beginning of the lab course.

2. External Member -1 suggested the following points:

- Topic should be specific so that it could have clear picture for students
- He suggested including more content in battery
- He also recommended Green Chemistry Text Book.
- He emphasizes on Latest Edition books of Environmental Sciences.
- The committee Suggested to include a mandatory safety module at the beginning of the lab course.

External Member -2 suggested the following points:

- He stressed to include the topic introduction to Battery which have better understanding.
- He recommended that include electroplating then students have better understanding on Electroless Ni Plating

3. Alumni suggested the following points:

Suggested that the syllabus should be appropriate for Industrial requirement .

Accepted the syllabus as suggested by BOS members.

He suggested to Keep the syllabi of Engineering Chemistry, Engineering Chemistry lab & Environmental Sciences.

Syllabus should be precise and effective in engineering perspective.

Resolution: The Members after thorough discussion **approved** the Course Tittles of Chemistry Department given in **Annexure-I**.

Item No. 5: Suggestions on Innovative teaching learning process, Evaluation, Research and development of Engineering Chemistry and Environmental Sciences.

Deliberation: BOS members suggested on Innovative teaching learning process, Evaluation, Research and Development of Chemistry Department, Awareness programs to publish research articles in Web of Science and Scopus Indexed Journals to be conducted.

Resolution: Noted and Approved.

HOD, Chemistry held in high esteem the suggestions given by the members.

Dean-I Year honored the suggestions given by the BOS members and thanked all the members for accepting the invitation and attending the meeting online and concluded the meeting.

BOS Chairperson thanked all the members for the suggestions towards improvement.

BOS Chairperson conveyed vote of thanks to all the BOS members for spending their valuable time in reviewing the course structures & syllabi, all the Deans and HODs of other departments, department faculty members for the support in designing course structures of UG.

She also thanked the Principal for continuous guidance and the Management for constant encouragement and support.

The meeting was concluded with the approval of University Nominee and consensus of all BoS members.



Dr. Rehana Anjum
Chairperson – Board of Studies
Department of Chemistry
Lords Institute of Engineering and Technology [A]

ANNEXURE-I
APPROVED COURSE TITLES

S.No	Approved Course Title	Programme
1	ENGINEERING CHEMISTRY	B.E 1 ST YEAR
2	ENGINEERING CHEMISTRY LAB	B.E 1 ST YEAR
3	ENVIRONMENTAL SCIENCES	B.E 1 ST YEAR