



LORDS INSTITUTE OF ENGINEERING & TECHNOLOGY

UGC Autonomous

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Accredited by NBA | Accredited 'A' grade by NAAC || Certified by ISO.



Date: 30-03-2024

ATTENDANCE OF THE FOURTH BOARD OF STUDIES

The Fourth Board of Studies Meeting of the Department of Civil Engineering was held on 30-03-2024 at 11:00 AM in Principal office Board Room, Lords Institute of Engineering and Technology, Hyderabad.

Members:

S.NO	Name	Designation	Category	Signature
1	Dr. G.Vikas	Associate Professor & HoD, CE, LIET, Hyderabad.	Chairperson	
Nominee of Osmania University				
2	Dr. K. L. Radhika	Professor & Chairperson BoS, CE, Osmania University, Hyderabad.	Member-University Nominee	
Experts/Academicians from outside the Parent University Nominated by Academic Council				
3	Dr. G.V.V. Satyanarayana	Professor, CE, GRIET, Hyderabad.	Member- Academics	
4	Dr. Pallavi Badri	Professor, CE, VJIT, Hyderabad.	Member- Academics	
Representative from Industry/Corporate/Allied areas relating to placements				
5	Dr. B. Raghavendra	HoD, BDM, Aarvee Associates, Hyderabad	Member-Industry	
Meritorious Alumnus nominated by Principal				
6	Er. T. Srinivas Karthik	Structural Designer, BK Thati & Associates, Hyderabad	Member-Alumni	
Faculty members from Department				
7	Dr. Asra Fatima	Associate Professor, CE, LIET	Member	
8	Dr. K. Mohammed Imthathullah khan	Associate Professor, CE, LIET	Member	
9	Dr. Rajarajeswari	Associate Professor, CE, LIET	Member	
10	Dr. A. Swetha	Assistant Professor, CE, LIET	Member	
11	Mr. Mohammed Moiz	Assistant Professor, CE, LIET	Member	
12	Mr. RG Nauman khan	Assistant Professor, CE, LIET	Member	
Special Invitees from the Institution				
13	Dr. R. K. Singh	Principal, LIET	Permanent Invitee	



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MINUTES OF THE MEETING OF THE FOURTH BOARD OF STUDIES

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Nominee of Osmania University				
2	Dr. K. L. Radhika	Professor & Chairperson BoS, CE, Osmania University, Hyderabad.	Member-University Nominee	<i>Radhika</i>
Experts/Academicians from outside the Parent University Nominated by Academic Council				
3	Dr. G.V.V. Satyanarayana	Professor, CE, GRIET, Hyderabad.	Member- Academics	<i>Satyanarayana</i>
4	Dr. Pallavi Badri	Professor, CE, VJIT, Hyderabad.	Member- Academics	<i>Pallavi</i>
Representative from Industry/Corporate/Allied areas relating to placements				
5	Dr. B. Raghavendra	HoD, BDM, Aarvee Associates, Hyderabad	Member-Industry	<i>Raghavendra</i>
Meritorious Alumnus nominated by Principal				
6	Er. T. Srinivas Karthik	Structural Designer, BK Thati & Associates, Hyderabad	Member-Alumni	<i>T.S. Karthik</i>
Faculty members from Department				
7	Dr. Asra Fatima	Associate Professor, CE, LIET	Member	<i>Asra</i>
8	Dr. K. Mohammed Imthathullah khan	Associate Professor, CE, LIET	Member	<i>Imthathullah</i>
9	Dr. Rajarajeswari	Associate Professor, CE, LIET	Member	<i>Rajarajeswari</i>
10	Dr. A. Swetha	Assistant Professor, CE, LIET	Member	<i>Swetha</i>
11	Mr. Mohammed Moiz	Assistant Professor, CE, LIET	Member	<i>Moiz</i>
12	Mr. RG Nauman khan	Assistant Professor, CE, LIET	Member	<i>Nauman</i>
Special Invitees from the Institution				
13	Dr. R. K. Singh	Principal, LIET	Permanent Invitee	<i>R.K. Singh</i>

AGENDA:

1. Discussion and Finalization of LR23 Syllabi of B.E (Civil) III and IV Sem Courses including Services for AY 2024-2025.
2. Discussion on Syllabi of LR21 B.E (Civil) VII and VIII Semester Courses including Open Elective Courses for AY 2024-2025.
3. Discussion on LR24 B.E (Civil) Course Structure for Academic year 2024-2025.
4. Approval of LR24 ME- Structural Engineering and Construction Management course structure for Academic year 2024-2025.
5. Approval of Substitute/Additional Subjects for Transfer/ Readmitted Students

Dr. G.Vikas Chairperson and HOD (Civil Engineering) welcomed all the members of the Board of Studies, Principal and other faculty members to the meeting.

The following deliberations were made as per the agenda and resolutions were listed below: The BOS members suggested

- All Topics and Subtopics of all courses to be kept Bold.
- Sub topics should be kept in next line.
- All the courses must have 3 to 4 Text books.
- All the references for all the courses MUST have 5-6 in numbers.
- To Refine the course objectives and course outcomes as per the Bloom's Taxonomy level with syllabus content.
- In VIII semester number of credits reduced in consideration of project placements and higher education.
- For all subjects introduce Articulation matrix of CO, PO and PSO mapping after Course Objectives and Course Outcomes in B.E LR24.

BOS Chairperson presented the B.E III, IV, VII and VIII Semester Course Syllabi and after that Course-wise elaborated discussion was done and BOS Members suggested the following points:

Agenda-1:

LR23-Semester-III & IV:

Strength of materials -I:

Suggested the following changes:

1. Unit-II: SF and BM topics are very small and informed to include bending stresses in beams also in Unit – II.
2. Unit-III: Direct and Bending Stresses, Thin cylinder sand include Thick cylinders also in Unit – III.
3. Unit-IV: Torsion and Springs
4. Unit-V: Principal stresses
5. One foreign author has to be included in references.

Resolutions:

Noted and to be implemented as suggested.

Surveying & Geomatics:

Suggested the following changes:

1. Unit – I : Include Linear and angular measurements and remove Compass surveying .
2. UNIT - II : Include Contouring, Computation of areas and volumes and delete Theodolite topics.
3. Unit – III: Theodolite and Trigonometric leveling
4. Unit – IV: Curves
5. UNIT - V : Change the title as Applications of Total stations.

Resolutions:

Noted and to be implemented.

Strength of Materials Lab:

Suggested the following changes:

- 1 Izod and Charpy impact test has to be kept together.
- 2 ove the “Note: Atleast 10 experiments should be conducted in the semester” this has to be followed for all the labs.

Resolutions:

Noted and to be implemented.

Engineering Geology Lab:

Suggested the following changes:

1. Remove the 8th experiment “Seismic refraction survey to determine depth of bed rock” and 12th

experiment" Slake durability test".

Resolutions:

Noted and to be implemented.

Surveying & Geomatics Lab:

Suggested the following changes:

1. Remove the 2nd experiment "Compass Traversing – Measuring Bearings & arriving included angles" , 8 experiment " Introduction to total station and its applications", and 12th experiment " Introduction t geodetic surveying and site exposure" and told to add two more experiments based on profile levelin related to this lab.
2. Change the title of "Single plane and double plane method":

Resolutions:

Noted and to be implemented.

Strength of materials -II :

Suggested the following changes:

1. Unit-I: Include Introduction to moment area method and Conjugate beam method
2. Unit-III: Include Column Analogy method.
3. Unit-IV: Include energy method and Castigliano's theorem I and II.

Resolutions:

Noted and to be implemented as suggested.

Building Materials and Construction Practices:

Suggested the following changes:

1. Unit - I: Shift Timber sub topic to Unit III.
2. Unit – II: Add blended cement topic, separately give fine aggregate and course aggregate subtopic and remove admixture.
3. Unit-III: Remove Concrete subtopic and replace with timber Unit I subtopic.
4. Unit-IV: Miscellaneous materials subtopic of Unit V has to be shifted to Unit IV.
5. Unit – V: Proper sequencing to be given as Flooring followed by Plastering, Pointing white washing, colouring and damp proofing and water proofing,

Resolutions:

Noted and to be implemented as suggested.

Transportation Engineering :

Suggested the following changes:

1. Unit - V: Include remove Unit V and Replace with Railways topics.

Resolutions:

Noted and to be implemented as suggested.

Agenda-2:**LR21-Semester-VII & VIII:****Estimation and costing and specification :**

Suggested the following changes:

1. Unit - I: remove the topics of Detailed estimate of flat roof building and Introduction of Estimation from unit 2 and add it in unit 1 .

Resolutions:

Noted and to be implemented as suggested.

Prestressed concrete:

Suggested the following changes:

1. Unit-IV: Shift End block sub topic of Unit V to Unit IV.

Resolutions:

Noted and to be implemented as suggested.

Foundation Engineering:

Suggested the following changes:

1. Unit - I: Remove the entire topic and replace with soil exploration technique and test on foundation engineering.
2. Unit-IV and Unit – V topics will be shared by Dr. Pallavi Badri.

Resolutions:

Noted and to be implemented as suggested.

Design of Steel Structures:

Suggested the following changes:

1. Duplicate copy of Unit – III is to be deleted.

Professional Electives III:**Contract management:**

Suggested the following changes:

1. Unit - I: Remove the entire topic of unit I and replace with introduction to contract and entire unit IV.
2. Unit V: Include introduction of legal aspects in contract management.

Resolutions:

Noted and to be implemented as suggested.

Advanced Concrete Technology:

Suggested the following changes:

1. Unit - I: Add more topics on concrete micro structure.
2. Remove Unit II and Unit III add advanced topics of Concrete.
3. Unit IV and Unit V : Reframe topics related to Concrete Technology

Resolutions:

Noted and to be implemented as suggested.

Advanced RCC design:

Suggested the following changes:

1. Unit - II: Remove the entire topic and replace with Domes analysis and design as first subtopics and Circular slab analysis and design as second subtopic.

Resolutions:

Noted and to be implemented as suggested.

Traffic Engineering and Management:

Suggested the following changes:

1. Unit – III and IV: Replace with maintenance of traffic and Dr.Pallavi Badri will share the syllabus.

Resolutions:

Noted and to be implemented as suggested.

Computer Application Lab:

Suggested the following changes:

1. Entire list of experiments will be shared by Dr.Pallavi Badri.

Resolutions:

Noted and to be implemented as suggested.

OEC III : Urban Transportation Planning

Suggested the following changes:

1. Unit – IV: Add one more modal split
2. Unit – V: Add potential areas of highway expansion topics.

Resolutions:

Noted and to be implement.

Professional Electives IV:

Ground Improvement Technique:

Suggested the following changes:

1. Unit – I, II and III to be reframed as per technique wise procedure.

Resolutions:

Noted and to be implemented as suggested.

Repair and Rehabilitation of structures:

Suggested the following changes:

1. Unit - I: Replace entire unit with introduction to building maintenance, types of defects and damages.
2. Unit II: Replace entire unit with mechanism of deterioration of structures.
3. Unit III: Replace entire unit with Condition assessment and NDT evaluation.
4. Unit IV: Replace entire unit with Repair materials and techniques.
5. Unit V: Replace entire unit with Rehabilitation and retrofitting procedures.

Note:

Entire syllabus to be scrutinized by Dr.Radhika.

Resolutions:

Noted and to be implemented as suggested.

Environmental impact assessment:

Suggested the following changes:

1. Cross verify with other syllabus.

Resolutions:

Noted and to be implemented as suggested.

Intelligent transport system:

Suggested the following changes:

1. Unit – III: Remove ITS from main topic.

Resolutions:

Noted and to be implemented as suggested.

Finite element method:

Suggested the following changes:

1. Unit – I: To be elaborated.

Resolutions:

Noted and to be implemented as suggested.

GIS and Remote sensing:

Suggested the following changes:

1. Provide first 2.5 units of GIS topics and second 2.5 units of remote sensing topics has to be rearranged.

Resolutions:

Noted and to be implemented as suggested.

Agenda-3:

LR-24-BE Course Structure.

- Credit distribution is to be uniform.
- Course Code need to be cross checked
- All theory courses must have 3 credits with 3 hours / week duration
- All laboratory courses must have 2 credits with 2 hours / week duration
- In VII Semester, seminar must be conducted as a group seminar with 4 students per batch
- All theory & laboratory courses must have same number of credits in all semester and years
- VII sem mini project need to be replaced with major phase 1

Resolutions:

Noted and to be implemented as suggested.

Agenda-4:

LR24 - M.E (Construction Management) and M.E (Structures Engineering) course structure.

1. In Sem-I remove Audit course and replace with one core subject
2. Sem-II remove open elective add one core subject
3. Sem-III open elective and Audit course has to be included.
4. Mandatory course has to be kept after the professional elective course.

Resolutions:

Noted and to be implemented as suggested.

Agenda-5:

- Approval has been given to Substitute/Additional Subjects for Re-Admitted Student and transfer student.

S. No.	H.T Number	Name of Student	Branch	Regulation		Name of the Subjects/Labs already studied and repeated in the present semester	Suggested Substitute/Additional Subjects (to match credits)
				From	To		
1	160721732016 (Transfer Student)	Mr. Abdul Samad	CE	MCE (37)	LIET LR21 (38)	Elements of Electrical Engineering (U21EE305) (Credit-2)	Programming Problem Solving (U21CS303) (Credit-3)
2	160920732058 (Readmitted Student)	Mr. Mohd Osama Mohiuddin	CE	OU (60)	LIET LR21 (57.5)	Building Materials and Construction Practices (U21CE403) (Credit-2)	Engineering Geology (U21CE405) (Credit-2)

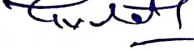

Dr.G.Vikas Paul

HOD & Chairperson

Lords Institute of Engineering and Technology (Autonomous)

2.



3. 

4.

