



SIR C R REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

VATLURU, ELURU - 534 007, ELURU DIST., ANDHRA PRADESH, INDIA

Approved by AICTE, Accredited by NBA (U.G. : CSE, IT, ECE, EEE, ME), Permanently Affiliated to JNTUK, Kakinada

www.sircrrengg.ac.in, Phone Off : (08812) 230840, Email : principal.sircrrengg@gmail.com

DEPARTMENT OF CIVIL ENGINEERING BOARD OF STUDIES MEETING

The Third board of studies meeting was conducted in Civil Engineering Department on 02-05-2026 (Saturday) through Hybrid mode in zoom platform at 10:00 am.

The agenda for meeting is as follows:

1. Review of 3rd Year Autonomous Course Structure
2. Review and Approval of syllabi of First and Second Semester for Third Year Civil Engineering Students for the Academic Year 2026-2027.
3. Any other matter with the permission of Chair.

Zoom Link: <https://us06web.zoom.us/j/83329224000?pwd=Y9ghUkcljSVaUV4uaklkbaje7hXq3N.1>

The following members are present:

| S.No | Name of the Faculty | Position of BOS | E- SIGN |
|------|----------------------------|------------------------------------|---------|
| 1 | Dr.V.V.N. Prabhakara Rao | Chairman | |
| 2 | Dr. D. Koteswara Rao | Expert member by university | Online |
| 3 | Dr. Dali Naidu Arnepalli | Subject Expert by Academic council | Online |
| 4 | Dr. Mahabu Subhani | Subject Expert by Academic council | Online |
| 5 | D. Satyanarayana | Industry Member | Online |
| 6 | Dr. Chanapathi Tirupathi | Alumni Member | Online |
| 7 | Mr. M. Chandra Kanth | Dept. Faculty | |
| 8 | Mr. N.S.Poornachandra Rao, | Dept. Faculty | |
| 9 | Mr. A.Surya Mani kantha | Dept. Faculty | |



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| | | | |
|----|-------------------------|---------------|--|
| 11 | Mr. S.Sai Charan, | Dept. Faculty | |
| 12 | Mrs.G.Jyothi | Dept. Faculty | |
| 13 | Mr. B. Prasanna Kumar | Dept. Faculty | |
| 14 | Miss. G.Hima Bindu | Dept. Faculty | |
| 15 | Mr. D. Kishore Kumar | Dept. Faculty | |
| 16 | Mrs. M. Siva Naga Kanya | Dept. Faculty | |

CHAIRMAN
Board of Studies
Department of Civil Engineering



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Minutes of Meeting

1. The Chairman extended a warm welcome to University representatives, subject experts, industry representative, alumni representative and faculty members on the eve of Second BoS held on May 02, 2025.
2. Chairman introduced himself and rest of the faculty to the board.
3. The Chairman reiterated the agenda of the Second BoS meeting - Civil Engineering Department to the constituent members.
4. It was resolved to approve new course structure of 1st and 2nd Semesters of Third Year Subject syllabus of Civil Engineering Students for the A.Y.: 2026-27.

5. The Following Suggestions are made in meeting:

- i) The Board noted that, in accordance with the course structure prescribed by Jawaharlal Nehru Technological University, Kakinada, two subjects—Design and Drawing of Steel Structures and Ground Improvement Techniques—from the 3rd Year II Semester have been removed from the CR24 curriculum and shifted to the 4th Year I Semester. Further, Geotechnical Engineering–II and Advanced Structural Engineering, originally offered in the 4th Year I Semester, have been introduced into the 3rd Year II Semester of the CR24 curriculum. The Board observed that this revision ensures continuity in Geotechnical Engineering courses and resolved to place the proposed changes for consideration and approval by the University nominee.
- ii) Prof. Dalinaidu Arnepalli suggested that the syllabus of the Open Elective course, Construction Technology and Management, offered in the 3rd Year I Semester to students of other branches, may be revised into a more generic version suitable for multidisciplinary learners. He further recommended removing the Building Information Modeling (BIM) for Civil Engineering topic from the syllabus to make the course more relevant and accessible to students from other disciplines
- iii) The Board discussed and approved the proposed syllabus revisions in GTE-I to improve conceptual clarity and continuity. In Unit–I, Clay Mineralogy was included in place of soil texture for a better understanding of soil behavior. In Unit–II, Mass–Volume Relationships were adopted instead of the three-phase system for their direct engineering relevance. In Unit–III, Consistency Limits and Consistency Indices were retained as they provide a practical assessment of soil state. In Unit–IV, the topics



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were reorganized by combining Permeability, Seepage, and Effective Stress into one unit and keeping Stress Distribution as a separate unit for better continuity. In Unit–V, the Spring Analogy was removed, and greater emphasis was given to Terzaghi's Consolidation Theory for a more analytical understanding of consolidation behavior

- iv) The Board discussed and approved the syllabus revisions in GTE-II for better continuity and subject alignment. In Unit–I, Earth Pressure topics were shifted to Unit–II, allowing Unit–I to focus exclusively on Soil Exploration. In Unit–II, Shallow Foundation topics were moved to the appropriate unit, enabling Unit–II to focus on Slope Stability and Earth Pressure Theories. Unit–III remained unchanged. In Unit–IV, advanced footing proportioning and raft foundation design topics were removed, as they are more suitable for higher studies and professional practice. In Unit–V, Well Foundations were introduced to enhance students' conceptual knowledge and support preparation for competitive examinations such as Graduate Aptitude Test in Engineering.
- v) Prof. Dalinaidu Arnepalli suggested the inclusion of the California Bearing Ratio (CBR) Test in the Geotechnical Engineering Laboratory syllabus of the 3rd Year I Semester to enhance students' practical understanding of subgrade soil strength and its applications in pavement design.
- vi) The Board members suggested the removal of certain topics from the Water Resources Engineering syllabus due to the extensive course content and to ensure better coverage of core concepts. Accordingly, topics such as Principle Crops, Crop Seasons, and Crop Rotation from Unit–I, Causes and Failures of Weirs on Permeable Foundations from Unit–IV, and Reservoir Sedimentation from Unit–V were recommended for removal to optimize the syllabus and improve effective delivery of the course content and The remaining course content shall be continued as prescribed by Jawaharlal Nehru Technological University, Kakinada syllabus.
- vii) The Board members reviewed the Highway Engineering syllabus and suggested revisions to optimize the course content and improve practical relevance. In Unit–III, topics such as Condition Diagrams and Collision Diagrams were recommended for removal. Further, in Unit–V, topics including IRC Method, Burmister Method, Mechanistic Method, Continuously Reinforced Cement Concrete Pavements, and



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Roller Compacted Concrete Pavements were recommended for removal. In place of these topics, Highway Construction and Maintenance was proposed for inclusion to enhance students' understanding of construction practices, maintenance techniques, and field applications in highway engineering

- viii) The Board members suggested the inclusion of advanced software-based experiments in the CAD Laboratory to enhance students' practical and industry-oriented skills. Accordingly, topics such as Fundamentals of Structural Modeling, Loading, Analysis, and Result Interpretation using software, Design of Foundation Systems for Multi-storey Structures using STAAD Foundation, and Analysis and Design of Transmission Towers using STAAD. Pro were proposed for inclusion in the laboratory syllabus.

The meeting concluded with a vote of thanks to the chair.

Encl:

1. Course Structure of 3rd year
2. Modified Syllabi of 3rd year

CC To :

1. Mail & Hard copy to: Principal, Sir CRRCOE, Eluru.
2. Mail & Hard copy to: Academic Council, Sir CRRCOE, Eluru.
3. Mail & Hard copy to: All BoS Members
4. Mail & Hard copy to: Examination Section, Sir CRRCOE, Eluru


CHAIRMAN
Board of Studies
Department of Civil Engineering
Head of the Department
Civil Engineering
Sir C.R.R. College of Engineering
Eluru-534 007, Eluru Dist.,



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Third BoS Meeting

The screenshot shows a Zoom meeting interface. The main window displays a presentation slide with the following text:

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 Vatluru,Eluru, Eluru Ditrict-534007
Board of Studies
Third Meeting
 (02, May, 2026)

Below the text is the college logo and the text **DEPARTMENT OF CIVIL ENGINEERING**. A notification at the top of the slide says: "Please enable access to your microphone and camera for the best experience." The Zoom interface includes a toolbar at the bottom with icons for Audio, Video, Participants, Chat, React, Share, AI Companion, and More. A participants list on the right shows 10 participants, including Seetalam Sai Charan (Me), Sir C R Reddy College of Eng... (Host), Chandra Kanth Civil Dept., Tirupathi Ch, D Satyanarayana, Prof. Dali Naidu Arnepalli (IIT Madras), Surya Manikanta, D.Kishore Kumar, Dr.DKR, and Subhani.

The screenshot shows a Zoom meeting interface. The main window displays a presentation slide for Dr. Mahabu Subhani. The slide text is:

Dr. Mahabu Subhani
 Professor,
 Department of Civil Engineering,
 NIT AP,
 Tadepalligudem

Below the text is a portrait of Dr. Mahabu Subhani. At the bottom of the slide, it reads: **SUBJECT EXPERT MEMBER** and **NOMINATED BY THE ACADEMIC COUNCIL**. The Zoom interface includes a toolbar at the bottom and a participants list on the right showing 10 participants, including Seetalam Sai Charan (Me), Sir C R Reddy College of Eng... (Host), Chandra Kanth Civil Dept., Tirupathi Ch, D Satyanarayana, Prof. Dali Naidu Arnepalli (IIT Madras), Surya Manikanta, Dr.DKR, Subhani, and Dali Naidu Arnepalli.

The screenshot shows a Zoom gallery view with several participants. Visible participants include:

- JYOTHI JYOTHI
- SEETALAM SAI CHARAN
- SIR C R REDDY COLLEGE OF ENGL... (with a large 'S' icon)
- Subhani
- surya manikanta
- Tirupathi Ch
- BODDAPU PRASANNA KUMAR
- D SATYANARAYANA
- JYOTHI JYOTHI
- SEETALAM SAI CHARAN
- SIR C R REDDY COLLEGE OF ENGL... (with a large 'S' icon)

 A status bar at the bottom indicates "You are muted".