

Estd. 1989

SIR C R REDDY COLLEGE OF ENGINEERING

AUTONOMOUS

ELURU - 534 007, Eluru Dist., A.P., INDIA

ACCREDITED BY NBA, APPROVED BY ALL INDIA COUNCIL FOR TECHNICAL EDUCATION, NEW DELHI,
PERMANENTLY AFFILIATED TO JNTUK, KAKINADA

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Ref. No.

Date :

DEPARTMENT OF CIVIL ENGINEERING

BOARD OF STUDIES MEETING

The Second board of studies meeting was conducted in Civil Engineering Department on 29-04-2025 (Tuesday) through online in zoom platform at 10:00 am.

The agenda for meeting is as follows:

1. Review of 2nd Year Autonomous Course Structure.
2. Review and Approval of First Second Semester Syllabii for Second Year Civil Engineering Students for the Academic Year 2025-2026.
3. Any other matter with the permission of Chair.

Zoom Link: <https://us06web.zoom.us/j/84432819653?pwd=dxatxqU9sa9N1Od6wVVve8uzYLrRxx.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	
3	Dr. Dali Naidu Arnepalli	Subject Expert by Academic council	Online
4	Dr. Mahabu Subhani	Subject Expert by Academic council	
5	D.Satyanarayana	Industry Member	
6	Dr.Chanapathi Tirupathi	Alumni Member	
7	Dr.K.V.Sridhar	HoD MBA Department	
8	Mr. M.Chandra Kanth	Dept.Faculty	

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Ref. No.	Name	Dept.	Signature
9	Mr. N.S.Poornachandra Rao,	Dept.Faculty	<i>N.S.Poornachandra Rao</i>
10	Mr. A.Surya Mani kantha	Dept.Faculty	<i>A.Surya Mani Kantha</i>
11	Mr. S.Sai Charan,	Dept.Faculty	<i>Sai Charan</i>
12	Miss.G.Jyothi	Dept.Faculty	<i>G. Jyothi</i>
13	Mr. B.Prasanna Kumar	Dept.Faculty	<i>B.Prasanna Kumar</i>
14	Miss. G.Hima Bindu	Dept.Faculty	<i>H.B.</i>
15	Mr.D.Kishore Kumar	Dept.Faculty	<i>D.Kishore Kumar</i>

Prabhakar

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 April 29, 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 Second Year Subject syllabus of Civil Engineering Students for the A.Y.: 2025-26.
5. **The Following Suggestions are made in meeting:**
 - i) Dr. D. Koteswara Rao, the University representative, proposed in the first Board of Studies meeting for the academic year 2024–25 to replace the mandatory core course 'Basic Civil and Mechanical Engineering' with 'Building Materials and Construction.' He recommended that it be included as a regular course under the Engineering Sciences group in the first semester curriculum, considering its relevance as a core subject.
 - ii) Prof. Dalainaidu Arnepalli, Subject Expert, suggested that the complete bibliographic details of the reference books be provided in the “*Managerial Economics and Financial Analysis*” course to Dr.Sridhar, HoD of MBA division which formulated the course. In order to ensure clarity and consistency in the text book and references section, he further suggested to keep same pattern of presenting in the remaining subjects also.
 - iii) Prof. Mahaboob Subhani, Subject Expert, recommended specifying the method used for determining shear force and bending moments in Unit 3 of the *Structural Analysis* course, particularly under the topics of fixed and continuous beams. He also suggested including a brief introduction to matrix methods, such as the *Flexibility Matrix* and *Stiffness Matrix* methods. Additionally, he proposed reordering the syllabus by

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shifting the current contents in Units 4 and 5 with the contents in ^{Date:} Units 3 and 4, respectively.

- iv) Prof. Mahaboob Subhani, Subject expert, recommended that the topic of “*Principal Stresses and Strains*” be included in the *Strength of Materials* course by replacing the existing topics on the 5th chapter, “*Thick and Thin Cylinders*”. In continuation, he emphasized that even a brief introduction to *Principal Stresses and Strains* is essential, particularly for students pursuing *structural engineering, Geotechnical Engineering* allied subjects, as it offers the fundamental application in those fields.
- v) Dr. Ch. Tirupathi, Alumni Representative, suggested including topics related to *Tacheometry* in the *Surveying* course, as it is directly relevant to the associated practical exercises conducted in the Surveying Laboratory.
- vi) Er.Satyanarayana, Industry expert proposed allowing Civil Engineering students to pursue Honors and Minors in subjects from other branches, especially computer-based fields. The committee approved the inclusion of interdisciplinary electives, with recognized credits and advisory support. This will be implemented from the 2nd year second semester to enhance students' career prospects and skillsets.

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

Encl:

1. Course Structure of 2nd year
2. Modified Syllabi of Second year

Prabhakar

CHAIRMAN
Board of Studies
Department of Civil Engineering

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

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Second BoS Meeting

of Universal Human Values and movement towards value-based living in a natural way.

3. To highlight plausible implications of such a Holistic understanding in terms of ethical human conduct, trustful and mutually fulfilling human behaviour and mutually enriching interaction with Nature.

Course Outcomes:
Upon successful completion of the course student will be able to:

- CO1: Define the terms like Natural Acceptance, Happiness and Prosperity (L1, L2)
- CO2: Identify oneself, and one's surroundings (family, society nature) (L1, L2)
- CO3: Apply what they have learnt to themselves in different day-to-day settings in real life (L3)
- CO4: Relate human values with human relationships and human society. (L4)
- CO5: Justify the need for universal human values and harmonious existence (L5)
- CO6: Develop as socially and ecologically responsible engineers (L3, L6)

Course Topics
The course has 28 lectures and 14 tutorials in 5 modules. The lectures and tutorials are of 1-hour duration. Tutorial sessions are to be used to explore and practice what has been proposed during the lecture sessions.

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