



# MALLA REDDY ENGINEERING COLLEGE

(An UGC Autonomous Institution, Approved by AICTE, New Delhi & Affiliated to JNTU, Hyderabad).  
Accredited by NAAC with 'A++' Grade (Cycle- III), NBA Tier –I Accredited  
(B.Tech – CE, EEE, ME, ECE & CSE, M.Tech – Structural Engg, Electrical Power Systems, Thermal Engg.)  
IIC – Four Star Rating, NIRF Rank Band 250-300, ARIIA Band Performer,  
Maisammaguda(H), Medchal - Malkajgiri District, Secunderabad, Telangana State – 500100, [www.mrec.ac.in](http://www.mrec.ac.in)



## DEPARTMENT OF CIVIL ENGINEERING

### BOS – Attendance Sheet

March 17<sup>th</sup>, 2023

The Board of Studies meeting for the B. Tech (Civil Engineering) was conducted on 17<sup>th</sup> March 2023 at 2:30 PM through Zoom online meeting app for the convenient of BOS members especially staying away from college or outside Hyderabad.

S.No.	Name of the Member	Designation	Category	Signature
1.	Dr. J. Selwyn Babu	Prof. & Head CE, MREC (A)	Chairman-BOS	
2.	Dr. G. Venkata Narasimha Reddy	Professor, JNTUHCEH, HYD.	University Nominee	
3.	Dr. V. Bhikshma	Professor, CE, OU, HYD.	Subject Expert	
4.	Dr. J. Sri Kalyana Rama	Asst. Professor, CE, Mahindra University.	Subject Expert	
5.	Er. P. Suryaprakash	Founder and Mentor, M/s Satya Vani Projects and Consultants Pvt. Ltd.	Industry Expert	
6.	Dr. B. Sudharshan Reddy	Professor, CE, MREC(A)	Faculty Member	
7.	Dr. C. M. Vivek Vardhan	Professor, CE, MREC(A)	Faculty Member	
8.	Dr. Poodari Saritha	Professor, CE, MREC(A)	Faculty Member	
9.	Dr. U Venkata Ratnam	Associate Professor, CE, MREC(A)	Faculty Member	
10.	Mr. B. Vamsi Krishna	Assistant Professor, CE, MREC(A)	Faculty Member	
11.	Mr. E. Rakesh Reddy	Managing Director, EE Engineering Construction Services	Alumni	

Dr. J. Selwyn Babu  
Chairman, B.Tech (CE) - BOS



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## DEPARTMENT OF CIVIL ENGINEERING

### Minutes of Meeting B. Tech (CE) - BOS

March 17<sup>th</sup>, 2023

The Board of Studies meeting for the B. Tech (CE) - BOS was conducted on 17<sup>th</sup> March 2023 at 2:30 PM through Zoom online meeting app for the convenient of BoS members especially staying away from college or outside Hyderabad.

The following BOS members have attended the meeting:

1.	Dr. J. Selwyn Babu	Prof. & Head CE, MREC (A)	Chairman-BOS
2.	Dr. G. Venkata Narasimha Reddy	Professor, JNTUHCEH, HYD.	University Nominee
3.	Dr. V. Bhikshma	Professor, CE, OU, HYD.	Subject Expert
4.	Dr. J. Sri Kalyana Rama	Asst. Professor, CE, Mahindra University.	Subject Expert
5.	Er. P. Suryaprakash	Founder and Mentor, M/s Satya Vani Projects and Consultants Pvt. Ltd.	Industry Expert
6.	Dr. B. Sudharshan Reddy	Professor, Dept. of Civil Engg., MREC(A)	Faculty Member
7.	Dr. C. M. Vivek Vardhan	Professor, Dept. of Civil Engg., MREC(A)	Faculty Member
8.	Dr. Poodari Saritha	Professor, Dept. of Civil Engg., MREC(A)	Faculty Member
9.	Dr. U Venkata Ratnam	Associate Professor, CE, MREC(A)	Faculty Member
10.	Mr. B. Vamsi Krishna	Assistant Professor, CE, MREC(A)	Faculty Member
11.	Mr. E. Rakesh Reddy	Managing Director, EE Engineering Construction Services	Alumni

The following was the agenda for the meeting.

1. Discussion and approval of B.Tech – CE 4<sup>th</sup> year course scheme and syllabus for MR20 regulations (2020 admitted batch onwards).
2. Discussion and approval of B.Tech – CE 3<sup>rd</sup> and 4<sup>th</sup> year course scheme and syllabus for MR21 regulations (2021 admitted batch onwards).
3. Discussion and approval of B.Tech – CE 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> year course scheme and syllabus for MR22 regulations (2022 admitted batch onwards).
4. Suggestion of any activity related to research, teaching, extension and other academic activities in the department/college.
5. Suggestion and review on Innovative Teaching Practices.
6. Delegation of power to the Chairman-BOS based on recommendations of the internal committee, for the inclusion and exclusion of any item as per requirements.



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7. Suggestion and review panel of names for Paper setters, and examiners for both theory and practical examinations that will be submit for Academic council for approval.
8. Approval of any other item with the permission of the Chairman.

At the outset, Dr. J. Selwyn Babu, Professor, Civil Engineering Department and Chairman of the B. Tech (CE) - Board of Studies, welcomed the members to the Board of Studies meeting and appraised the purpose of the meeting. He also briefed about the previous BOS meeting, resolutions and placed on record, the existing syllabus of MR20, MR21 regulations & proposed course structure and syllabus of MR22 regulations. Later Board of studies members have in detail discussed reviewed each item of the proposed agenda and finally the following items have been resolved unanimously by all the members of BOS for their implementation from the academic year 2023-24 and onwards.

## **The following resolutions are made after careful discussion and observations.**

1. The BOS Members have thoroughly reviewed and discussed the Scheme of instructions, periods per week, and number of credits for MR20 Regulations final year B.Tech(CE) course as per the guide lines of AICTE and JNTUH, Hyderabad. The BOS has collectively resolved to implement this scheme of Instructions, periods per week and number of credits for the 4<sup>th</sup> year B.Tech(CE) Course from the academic year 2023-24 onwards.
2. The BOS Members have thoroughly reviewed and discussed the Scheme of instructions, periods per week, and number of credits for the B.Tech(CE) course of the MR21 Regulations for the 3<sup>rd</sup> and 4<sup>th</sup> year.
3. The BOS Members have thoroughly reviewed and discussed the Scheme of instructions, periods per week, and number of credits for the B.Tech(CE) course of the proposed MR22 Regulations for the 2<sup>nd</sup> year.
4. The BOS members have agreed to suggest a panel for paper setters and valuers / examiners for both theory and practical of all the subjects of B. Tech (CE) Course.
5. If any item needs to be modified /added/ deleted, the same may be circulated by E-mail to all members and after taking electronic/E-mail approval, the modification may be made operational.
6. The BOS has also resolved for delegation of power to the Chairman of BOS for inclusion / exclusion / modification of any of the above item as per the requirements.



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## The following suggestions were made by the members of the Board of Studies for the proposed MR20 Structure.

1. It was suggested to provide one course of each specialization in the Professional Electives for MR20 and MR21.
2. The MR22 course structure and syllabus from 2<sup>nd</sup> year was unanimously approved by the BOS.

Finally, Dr. J. Selwyn Babu, Professor, Civil Engineering Department and Chairman of the B. Tech (CE) - Board of Studies, expressed his sincere thanks to all the members of the Board of Studies for their active participation and contribution. The meeting concluded at 03:00 PM.

  
Dr. J. Selwyn Babu  
Chairman, B.Tech (CE) - BOS

  
Dr. G. Venkata Narasimha Reddy

  
Dr. V. Bhikshma

  
Dr. J. Sri Kalyana Rama


  
Er. P. Suryaprakash


  
Dr. B. Sudharshan Reddy

  
Dr. C. M. Vivek Vardhan

  
Dr. Poodari Saritha

  
Dr. U Venkata Ratnam

  
Mr. B. Vamsi Krishna

  
Mr. E. Rakesh Reddy



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## DEPARTMENT OF CIVIL ENGINEERING

### BOS – Attendance Sheet

March 17<sup>th</sup>, 2023

The Board of Studies meeting for the M.Tech (Structural Engineering) was conducted on 17<sup>th</sup> March 2023 at 03:00 PM through Zoom online meeting app for the convenient of BOS members especially staying away from college or outside Hyderabad.

S.No.	Name of the Member	Designation	Category	Signature
1.	Dr. J. Selwyn Babu	Prof. & Head CE, MREC (A)	Chairman-BOS	
2.	Dr. G. Venkata Narasimha Reddy	Professor, JNTUHCEH, HYD.	University Nominee	
3.	Dr. V. Bhikshma	Professor, CE, OU, HYD.	Subject Expert	
4.	Dr. J. Sri Kalyana Rama	Asst. Professor, CE, Mahindra University.	Subject Expert	
5.	Er. P. Suryaprakash	Founder and Mentor, M/s Satya Vani Projects and Consultants Pvt. Ltd.	Industry Expert	
6.	Dr. J. Rex	Associate Professor, CE, MREC(A)	Faculty Member	
7.	Dr. S. Ashok Kumar	Associate Professor, CE, MREC(A)	Faculty Member	
8.	Mr. B. Vamsi Krishna	Assistant Professor, CE, MREC(A)	Faculty Member	
9.	Mr. T. Ramprasannakumar Reddy	Assistant Professor, CE, MREC(A)	Faculty Member	
10.	Ms. K. Harshada	Assistant Professor, CE, MREC(A)	Faculty Member	
11.	Mr. E. Rakesh Reddy	Managing Director, EE Engineering Construction Services	Alumni	

Dr. J. Selwyn Babu  
Chairman, M.Tech (SE) - BOS



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## DEPARTMENT OF CIVIL ENGINEERING

### Minutes of Meeting M. Tech (Structural Engineering) - BOS

March 17<sup>th</sup>, 2023

The Board of Studies meeting for the M.Tech (Structural Engineering) - BOS was conducted on 17<sup>th</sup> March 2023 at 03:00 PM through Zoom online meeting app for the convenient of BoS members especially staying away from college or outside Hyderabad.

The following BOS members have attended the meeting:

1.	Dr. J. Selwyn Babu	Prof. & Head CE, MREC (A)	Chairman-BOS
2.	Dr. G. Venkata Narasimha Reddy	Professor, JNTUHCEH, HYD.	University Nominee
3.	Dr. V. Bhikshma	Professor, CE, OU, HYD.	Subject Expert
4.	Dr. J. Sri Kalyana Rama	Asst. Professor, CE, Mahindra University.	Subject Expert
5.	Er. P. Suryaprakash	Founder and Mentor, M/s Satya Vani Projects and Consultants Pvt. Ltd.	Industry Expert
6.	Dr. J. Rex	Associate Professor, CE, MREC(A)	Faculty Member
7.	Dr. S. Ashok Kumar	Associate Professor, CE, MREC(A)	Faculty Member
8.	Mr. B. Vamsi Krishna	Assistant Professor, CE, MREC(A)	Faculty Member
9.	Mr. T. Ramprasannakumar Reddy	Assistant Professor, CE, MREC(A)	Faculty Member
10.	Ms. K. Harshada	Assistant Professor, CE, MREC(A)	Faculty Member
11.	Mr. E. Rakesh Reddy	Managing Director, EE Engineering Construction Services	Alumni

The following was the agenda for the meeting.

1. Discussion and approval of M.Tech – SE course structure and syllabus for MR22 regulations (2022 admitted batch onwards).
2. Suggestion of any activity related to research, teaching, extension and other academic activities in the department/college.
3. Suggestion and review on Innovative Teaching Practices.
4. Delegation of power to the Chairman-BOS based on recommendations of the internal committee, for the inclusion and exclusion of any item as per requirements.
5. Suggestion and review panel of names for Paper setters, and examiners for both theory and practical examinations that will be submit for Academic council for approval.
6. Approval of any other item with the permission of the Chairman.



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At the outset, Dr. J. Selwyn Babu, Professor, Civil Engineering Department and Chairman of the M.Tech(SE) - Board of Studies, welcomed the members to the Board of Studies meeting and appraised the purpose of the meeting. He also briefed about the previous BOS meeting, resolutions and placed on record, the existing syllabus of MR20 regulations. Later Board of studies members have in detail discussed reviewed each item of the proposed agenda and finally the following items have been resolved unanimously by all the members of BOS for their implementation from the academic year 2022-23 and onwards.

## **The following resolutions are made after careful discussion and observations.**

1. The BOS Members have thoroughly reviewed and discussed the Scheme of instructions, periods per week, and number of credits for the M.Tech(SE) course of the proposed MR22 Regulations.
2. The BOS members have agreed to suggest a panel for paper setters and valuers / examiners for both theory and practical of all the subjects of M. Tech (SE) Course.
3. If any item needs to be modified /added/ deleted, the same may be circulated by E-mail to all members and after taking electronic/E-mail approval, the modification may be made operational.
4. The BOS has also resolved for delegation of power to the Chairman of BOS for inclusion / exclusion / modification of any of the above item as per the requirements.

## **The following suggestions were made by the members of the Board of Studies for the proposed MR20 Structure.**

1. It was suggested in Professional Elective Course V – The course Pre-Engineered Buildings can be renamed Pre-Engineered and Prefabricated structures
2. It was suggested to include water tanks design as Module 5 in the course Advanced Reinforced Concrete Design.
3. Advanced Concrete Technology: Module V syllabus can be changed to either Rheology of concrete/3D printed concrete/Durability of concrete/NDT.
4. The prefabricated Structures syllabus is not upto date and it requires modification.
5. It was recommended to remove Waste to energy course and add a course on Sustainability Materials and Construction techniques or Green Buildings or Building Information Modeling.
6. In the Structural Engineering Laboratory, it was suggested to include experiments with respect to testing of Reinforced Concrete beams (Singly, Doubly, Shear, Bond, fiber reinforced).
7. Structural Engineering Laboratory can be renamed as Advanced Concrete Technology Laboratory.



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Finally, Dr. J. Selwyn Babu, Professor, Civil Engineering Department and Chairman of the M.Tech (SE) - Board of Studies, expressed his sincere thanks to all the members of the Board of Studies for their active participation and contribution. The meeting concluded at 03:30 PM.

  
**Dr. J. Selwyn Babu**  
Chairman, M.Tech (SE) - BOS

  
Dr. G. Venkata Narasimha Reddy


  
Dr. V. Bhikshma

  
Dr. J. Sri Kalyana Rama

  
Er. P. Suryaprakash


  
Dr. J. Rex

  
Dr. S. Ashok Kumar

  
Mr. B. Vamsi Krishna

  
Mr. T. Ramprasannakumar Reddy

  
Ms. K. Harshada

  
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