



MALLA REDDY ENGINEERING COLLEGE

(Autonomous)

Maisammaguda, Dhullapally (post via Kompally) Secunderabad-500100

Department of Civil Engineering

Date: 21-12-2018

The Board of Studies meeting for the Department of Civil Engineering is convened on 21.12.2018 at 10:00 am in the conference hall, Mall Reddy Engineering College (Autonomous), Hyderabad. The Agenda of the meeting is as follows.

AGENDA

1. Action Taken Report (ATR) on previous BoS Meeting in A.Y 2018-19
2. Discussion and review of B. Tech (Civil Engineering) and M. Tech (Structural Engineering) MR18 regulations course schema and syllabus.
3. Suggestion and review of panel for Paper setters, Evaluators, and examiners for both theory and practical examinations that will be submitted to Academic Council for approval.
4. Suggestion and approval of open source software's.
5. Suggest methodologies for innovative teaching and evaluation techniques.
6. Suggestion of any activity related to research, teaching, extension and other academic activities in the department/college.
7. Delegation of power to the Chairman-BOS based on recommendations of the internal committee, for the for inclusion and exclusion of any item as per requirements.
8. Approval of any other item with the permission of the Chairman.


BoS Chairman-CE



MALLA REDDY ENGINEERING COLLEGE

(Autonomous)

Maisammaguda, Dhullapally (post via Kompally) Secunderabad-500100

Department of Civil Engineering

Date: 21.12.2018

The Board of Studies meeting for the Department of Civil Engineering is convened in the Department conference hall, Malla Reddy Engineering College (Autonomous), Hyderabad.

The following members have attended to review on matters such as Schema, Syllabus of MR18 regulations (4 Year B.Tech (CE) Course) and other points as per agenda.

S. No.	Name of the Member	Designation & Official Address	Subject Specialization	Category	Signature
1	Dr. J. Selwyn Babu	Prof. & Head CE, MREC (A)	Structural Engineering	Chairman- BOS	
2	Dr. S. Srinivasulu	Professor, JNTUHCEH, HYD.	Water Resources Engineering	University Nominee (Nominated by the Vice Chancellor, JNTUH, Hyderabad)	
3	Dr. D. Rama Seshu	Professor, Dept. of Civil Engg., NITW	Structural Engineering	Subject Expert (outside the Parent University) Member	
4	Dr. V. Bhikshma	Professor, CE, OU, HYD.	Structural Engineering	Subject Expert (outside the Parent University) Member	
5	Mr. Mantha Ramesh Murthy	Director – MA Consulting Services Pvt Ltd.	Structural Engineering	Industry Expert	
6	Dr. M. S. Shiva Reddy	Professor, Dept. of Civil Engg., MREC(A)	Water Resources Engineering	Faculty Member	
7	Dr. Poodari Saritha	Professor, Dept. of Civil Engg., MREC(A)	Environmental Sciences	Faculty Member	
8	Mr. Akella Naga Sai Baba	Assistant Professor, Dept. of Civil Engg., MREC(A)	Transportation Engineering	Faculty Member	
9	Mr. M. C. Venkata subbaiah	Assistant Professor, Dept. of Civil Engg., MREC(A)	Geotechnical Engineering	Faculty Member	
10	Mr. Kande Vamsi Krishna	Assistant Professor, Dept. of Civil Engg., MREC(A)	Infrastructural Engineering	Faculty Member	
11	Mr. Ch. Naga Chaitanya	Site Engineer	Structural Engineering	Alumni	

MALLA REDDY ENGINEERING COLLEGE (Autonomous)

Maisammaguda, Dhulapally (Post via Kompally), Secunderabad-500 100.

Department of Civil Engineering

Minutes of Meeting B. Tech (CE) - BOS

December 21, 2018

The Board of Studies meeting for the B. Tech (CE) - BOS was conducted on 21st December 2018 at 10:00 am in the conference hall, Malla Reddy Engineering College (Autonomous), Hyderabad.

The following BOS members have attended the meeting:

1.	Dr. J. Selwyn Babu	Prof. & Head CE, MREC (A)	Chairman-BOS
2.	Dr. S. Srinivasulu	Professor, JNTUHCEH, HYD.	University Nominee
3.	Dr. D. Rama Seshu	Professor, Dept. of Civil Engg., NITW	Subject Expert
4.	Dr. V. Bhikshma	Professor, CE, OU, HYD.	Subject Expert
5.	Mr. Mantha Ramesh Murthy	Director – MA Consulting Services Pvt Ltd.	Industry Expert
6.	Dr. M. S. Shiva Reddy	Professor, Dept. of Civil Engg., MREC(A)	Faculty Member
7.	Dr. Poodari Saritha	Assoc. Professor, CE, MREC(A)	Faculty Member
8.	Mr. Akella Naga Sai Baba	Assistant Professor, CE, MREC(A)	Faculty Member
9.	Mr. M. C. Venkata subbaiah	Assistant Professor, CE, MREC(A)	Faculty Member
10.	Mr. Kande Vamsi Krishna	Assistant Professor, CE, MREC(A)	Faculty Member
11.	Mr. Ch. Naga Chaitanya	Site Engineer–L&T Metro, Hyderabad.	Alumni

The following was the agenda for the meeting.

1. Action Taken Report (ATR) on previous BoS Meeting conducted on 29th June 2018.
2. Discussion and review of B. Tech (Civil Engineering) and M. Tech (Structural Engineering) MR18 regulations course schema and syllabus.
3. Suggestion and review of panel for Paper setters, Evaluators, and examiners for both theory and practical examinations that will be submitted to Academic Council for approval.
4. Suggest methodologies for innovative teaching and evaluation techniques.
5. Suggestion of any activity related to research, teaching, extension and other academic activities in the department/college.
6. Delegation of power to the Chairman-BOS based on recommendations of the internal committee, for the for inclusion and exclusion of any item as per requirements.
7. 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 MR 18 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 2019-20 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 all 4 years of B. Tech (CE) course as per the guide lines of the AICTE and JNTUH, Hyderabad. The BOS has collectively resolved to implement this scheme of Instructions, periods per week and number of credits for all 4 years of B. Tech (CE) Course from the academic year 2019-20 onwards.
2. After formulation of scheme of Instructions, the BOS has reviewed and devised the syllabus for B. Tech (CE) Course as per the guide lines of the AICTE and JNTUH, Hyderabad.
3. The BOS has discussed and framed the syllabus of B.Tech. subjects offered to the other Engineering branches as Open Electives as per the guide lines of the UGC, AICTE & JNTUH, Hyderabad and approved & resolved to implement from the academic year 2019-20 onwards.
4. The BOS Members unanimously approved to use the following Open Source software for execution of programmes in the respective laboratories for students admitted in 2017-18 under MR17 Regulations.

S. No.	Lab Name	Software Required
1	CADD Lab	Auto Cadd /Any Equivalent Open Source Software
2	Remote Sensing & GIS Lab	QGIS / Arc GIS / Any Equivalent open Source Software

5. The BOS Members unanimously approved to use the following Open Source software for execution of programmes in the respective laboratories for students admitted in 2018-19 and thereafter under MR18 Regulations.


S. No.	Lab Name	Software Required
1	Computer Aided Drafting of Buildings Lab	Auto Cadd / Any Equivalent Open Source Software
2	CADD Lab	Auto Cadd / STAAD Pro / Any Equivalent Open Source Software
3	Remote Sensing & GIS Lab	QGIS / Arc GIS / Any Equivalent open Source Software

6. 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.
7. 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.
8. 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.

1. In the first semester for the Induction Programme, number of lecture hours has to be specified.
2. Internship -1 has to be carried in the summer vacation of second semester; hence it has to be specified in the second semester. However, it can be evaluated in the third semester.
3. Similarly, Internship -2 & 3 has to be carried in the summer vacation of fourth and sixth semester and hence should be specified in fourth and sixth semester. However, they can be evaluated in fifth and seventh semester.
4. For all the internships, contact hours have to be specified.
5. In the second semester, Project based learning (PBL) has to be specified in the second semester along with contact hours.
6. Shift Irrigation Structures and Water Power Engineering from VII to VIII Semester
7. Shift Open Elective Course – I from VII to VI Semester
8. Merge Construction Management and Estimating & Costing as Estimating Costing & Construction Management and shifted from VIII to VII Semester.
9. Introduce Advanced Reinforced Concrete Design as a new course in Professional Elective VI
10. rename the subject Chemistry as Engineering Chemistry

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 12:00 p.m.


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

MALLA REDDY ENGINEERING COLLEGE (Autonomous)

Maisammaguda, Dhulapally (Post via Kompally), Secunderabad-500 100.

Department of Civil Engineering

Action Taken Report (ATR) on previous BoS Meeting in AY 2018-19

December 21st, 2018

The previous Board of studies meeting in AY 2018-19 was held on 29th June 2018. The following are the resolutions made in the meeting and corresponding actions taken are as follows

Resolution 1: The BOS Members have thoroughly reviewed and discussed the Scheme of instructions, periods per week, and number of credits for all 4 years of B.Tech. (CE) Course as per the guide lines of the AICTE and JNTUH, Hyderabad. The BOS has collectively approved and resolved to implement this scheme of Instructions, periods per week and number of credits for all 4 years of B.Tech. (CE) Course from the academic year 2018-19 onwards.

Action Taken: The devised scheme of instructions is implemented as MR18 regulation B.Tech. (CE) course schema of instructions and is implement from the academic year 2018-19 onwards.

Resolution 2: After formulation of scheme of Instructions, the BOS has reviewed and devised the syllabus for B.Tech. (CE) Course and approved as per the guide lines of the UGC, AICTE and JNTUH, Hyderabad.

Action Taken: The devised syllabus is implemented as MR18 regulation B.Tech. (CE) course syllabus is implemented from the academic year 2018-19 onwards.

Resolution 3: The BOS has discussed and framed the syllabus of B.Tech. subjects offered to the other Engineering branches as Open Electives as per the guide lines of the UGC, AICTE & JNTUH, Hyderabad and approved & resolved to implement from the academic year 2018-19 onwards.

Action Taken: Syllabus of the B.Tech. subjects offered to the other Engineering branches as Open Electives is implement from the academic year 2018-19 onwards.

Resolution 4: The BOS Members unanimously approved to use the following Open Source softwares for execution of programmes in the respective laboratories.

S. No	Lab Name	Software Required
1	Computer Aided Drafting of Buildings Lab	Auto CAD
2	CADD Lab	STAAD Pro
3	Remote Sensing & Geographical Information System	QGIS

Action Taken: The approved Open Source software will be used for execution of programs in the respective laboratories devised in MR18 UG-B.Tech. (CE).

Resolution 5: 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.

Action Taken: The panel of paper setters and valuers /examiners are implemented for both theory and practical of all the subjects of B.Tech.(CE) Course.

Resolution 6: If any item needed 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.

Action Taken: Implemented from the academic year 2018-19.

Resolution 7: Committee's approved to implement B.Tech(CE) Schema with 160 credits for MR18 Regulations.

Action Taken: Implemented B.Tech(CE) Schema with 160 credits for MR18 Regulations.

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[Handwritten signature of Dr. J. Selwyn Babu]
Dr. J. Selwyn Babu
Chairman, CE(UG) - BOS



MALLA REDDY ENGINEERING COLLEGE

(Autonomous)

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Department of Civil Engineering

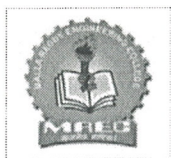
Date: 21-12-2018

The Board of Studies meeting for the Department of Civil Engineering is convened on 21.12.2018 at 10:00 am in the conference hall, Mall Reddy Engineering College (Autonomous), Hyderabad. The Agenda of the meeting is as follows.

AGENDA

1. Action Taken Report (ATR) on previous BoS Meeting in A.Y 2018-19
2. Discussion and review of B. Tech (Civil Engineering) and M. Tech (Structural Engineering) MR18 regulations course schema and syllabus.
3. Suggestion and review of panel for Paper setters, Evaluators, and examiners for both theory and practical examinations that will be submitted to Academic Council for approval.
4. Suggestion and approval of open source software's.
5. Suggest methodologies for innovative teaching and evaluation techniques.
6. Suggestion of any activity related to research, teaching, extension and other academic activities in the department/college.
7. Delegation of power to the Chairman-BOS based on recommendations of the internal committee, for the for inclusion and exclusion of any item as per requirements.
8. Approval of any other item with the permission of the Chairman.


BoS Chairman-CE



MALLA REDDY ENGINEERING COLLEGE

(Autonomous)

Maisammaguda, Dhullapally (post via Kompally) Secunderabad-500100

Department of Civil Engineering

Date : 21.12.2018

The Board of Studies meeting for the Department of Civil Engineering is convened in the Department conference hall, Malla Reddy Engineering College (Autonomous), Hyderabad.

The following members have attended to review on matters such as Schema, Syllabus of MR18 regulations (2 Year M.Tech (SE) Course) and other points as per agenda.

S. No.	Name of the Member	Designation & Official Address	Subject Specialization	Category	Signature
1	Dr. J. Selwyn Babu	Prof. & Head CE, MREC (A)	Structural Engineering	Chairman- BOS	
2	Dr. S. Srinivasulu	Professor, JNTUHCEH, HYD.	Water Resources Engineering	University Nominee (Nominated by the Vice Chancellor, JNTUH, Hyderabad)	
3	Dr. D. Rama Seshu	Professor, Dept. of Civil Engg., NITW	Structural Engineering	Subject Expert (outside the Parent University) Member	
4	Dr. V. Bhikshma	Professor, CE, OU, HYD.	Structural Engineering	Subject Expert (outside the Parent University) Member	
5	Mr. Mantha Ramesh Murthy	Director – MA Consulting Services Pvt Ltd.	Structural Engineering	Industry Expert	
6	Dr. V. Lakshmi Shireen Banu	Professor, Civil Engg., MREC(A)	Structural Engineering	Faculty Member	
7	Dr. J. Rex	Assoc. Prof, Dept. of CE, MREC (A)	Structural Engineering	Faculty Member	
8	Mrs. R. Sumathi	Assistant Professor, Dept. of Civil Engg., MREC (A)	Structural Engineering	Faculty Member	
9	Mr. P. Suresh Chandra Babu	Assistant Professor, Dept. of Civil Engg., MREC (A)	Structural Engineering	Faculty Member	
10	Mr. Ch. Naga Chaitanya	Site Engineer	Structural Engineering	Alumni	

MALLA REDDY ENGINEERING COLLEGE (Autonomous)

Maisammaguda, Dhulapally (Post via Kompally), Secunderabad-500 100.

Department of Civil Engineering

Minutes of Meeting M. Tech (SE) - BOS

December 21, 2018

The Board of Studies meeting for the M. Tech (SE) - BOS was conducted on 21st December 2018 at 10:00 am in the conference hall, Malla Reddy Engineering College (Autonomous), Hyderabad.

The following BOS members have attended the meeting:

1.	Dr. J. Selwyn Babu	Prof. & Head CE, MREC (A)	Chairman-BOS
2.	Dr. S. Srinivasulu	Professor, JNTUHCEH, HYD.	University Nominee
3.	Dr. D. Rama Seshu	Professor, Dept. of Civil Engg., NITW	Subject Expert
4.	Dr. V. Bhikshma	Professor, CE, OU, HYD.	Subject Expert
5.	Mr. Mantha Ramesh Murthy	Director – MA Consulting Services Pvt Ltd.	Industry Expert
6.	Dr. V. Lakshmi Shireen Banu	Professor, Dept. of Civil Engg., MREC(A)	Faculty Member
7.	Dr. J. Rex	Assoc. Professor, CE, MREC(A)	Faculty Member
8.	Mrs. R. Sumathi	Assistant Professor, CE, MREC(A)	Faculty Member
9.	Mr.P.Suresh Chandra Babu	Assistant Professor, CE, MREC(A)	Faculty Member
10.	Mr. Ch. Naga Chaitanya	Site Engineer–L&T Metro, Hyderabad.	Alumni

The following was the agenda for the meeting.

1. Action Taken Report (ATR) on previous BoS Meeting in A.Y 2018-19
2. Discussion and review of B. Tech (Civil Engineering) and M. Tech (Structural Engineering) MR18 regulations course schema and syllabus.
3. Suggestion and review of panel for Paper setters, Evaluators, and examiners for both theory and practical examinations that will be submitted to Academic Council for approval.
4. Suggestion and approval of open source software's.
5. Suggest methodologies for innovative teaching and evaluation techniques.
6. Suggestion of any activity related to research, teaching, extension and other academic activities in the department/college.
7. Delegation of power to the Chairman-BOS based on recommendations of the internal committee, for the for inclusion and exclusion of any item as per requirements.
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 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 MR 18 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 2019-20 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 all 2 years of M. Tech (SE) course as per the guide lines of the AICTE and JNTUH, Hyderabad. The BOS has collectively resolved to implement this scheme of Instructions, periods per week and number of credits for all 2 years of M. Tech (SE) Course from the academic year 2019-20 onwards.
2. After formulation of scheme of Instructions, the BOS has reviewed and devised the syllabus for M. Tech (SE) Course as per the guide lines of the AICTE and JNTUH, Hyderabad.
3. The BOS Members unanimously approved to use the following Open Source software for execution of programmes in the respective laboratories for students admitted in 2018-19 and thereafter under MR18 Regulations.

S. No.	Lab Name	Software Required
1	Numerical Analysis Lab	Turbo C / C++ / MATLAB /Any Equivalent Open Source Software
2	CADD Lab	Auto CAD / MS Excel / Any Equivalent open Source Software
3	Structural Design Lab	STAAD Pro / ETABS / Any equivalent open source software

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 M. Tech (SE) 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.

The following suggestions were made by the members of the Board of studies.

1. In first semester, Theory and Applications of Cement Composites can be swapped with Advanced Concrete Technology
2. Introduce Advanced Concrete Technology in place of Structural Health Monitoring.
3. Ground improvement techniques from PEC-IV can be shifted to PEC-III
4. Structural Dynamics from Sem- II to Sem-I replacing Matrix methods of structural Analysis
5. Rename the course Industrial Safety as Safety in Construction.
6. Advanced Optimization Techniques has to be changed to Optimization Techniques
7. Shift Structural Design Lab from I to II Semester and CADD Lab from II to I Semester.

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 12:00 p.m.

J. Sel.
Dr.

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Babu

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

MALLA REDDY ENGINEERING COLLEGE (Autonomous)

Maisamaguda, Dhulapally (Post via Kompally), Secunderabad-500 100.

Department of Civil Engineering

Action Taken Report (ATR) on previous BoS Meeting in AY 2018-19

December 21st, 2018

The previous Board of studies meeting in AY 2018-19 was held on 29th June 2018. The following are the resolutions made in the meeting and corresponding actions taken are as follows

Resolution 1: The BOS Members have thoroughly reviewed and discussed the Scheme of instructions, periods per week, and number of credits for all 2 years of M.Tech (SE) Course as per the guide lines of the AICTE and JNTUH, Hyderabad. The BOS has collectively approved and resolved to implement this scheme of Instructions, periods per week and number of credits for all 2 years of M.Tech (SE) Course from the academic year 2018-19 onwards.

Action Taken: The devised scheme of instructions is implemented as MR18 regulation M.Tech. (SE) course schema of instructions and is implement from the academic year 2018-19 onwards.

Resolution 2: After formulation of scheme of Instructions, the BOS has reviewed and devised the syllabus for M.Tech. (SE) Course and approved as per the guide lines of the UGC, AICTE and JNTUH, Hyderabad.

Action Taken: The devised syllabus is implemented as MR18 regulation M.Tech. (SE) course syllabus is implemented from the academic year 2018-19 onwards.

Resolution 3: The BOS Members unanimously approved to use the following Open Source softwares for execution of programmes in the respective laboratories.

S. No	Lab Name	Software Required
1	CADD Lab	Auto Cad
2	Structural Design Lab	Staad Pro
3	Structural Design Lab	ETabs
4	Numerical Analysis Lab	Turbo C
5	Numerical Analysis Lab	MS Excel

Action Taken: The approved Open Source software will be used for execution of programs in the respective laboratories devised in MR18 PG-M.Tech. (SE).

Resolution 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 M.Tech. (SE) Course.

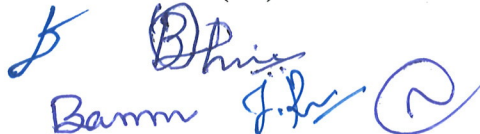
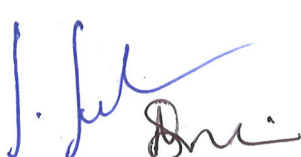
Action Taken: The panel of paper setters and valuers /examiners are implemented for both theory and practical of all the subjects of M.Tech. (SE) Course.

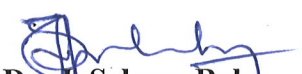
Resolution 5: If any item needed to be modified /added/ deleted, the same may be circulated by E-mail to all members and after taking electronic/E-mail approval the modification may be made operational.

Action Taken: Implementing from the academic year 2018-19.

Resolution 6: Committee's approved to implement M.Tech (SE) Schema with 68 credits for MR18 Regulations.

Action Taken: Implemented M.Tech (SE) Schema with 68 credits for MR18 Regulations.




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