



MALLA REDDY ENGINEERING COLLEGE

(AUTONOMOUS)

Maisammguda, Dhulapally (Post Via Kompally) Secunderabad – 500 100

Department of Mechanical Engineering

10.08.2021

Board of Studies Meeting on 11-08-2021 at 11:30 AM

The Board of Studies Meeting of B.Tech (Mechanical Engineering) Programme is scheduled on 11-08-2021 at 11:30 AM in online mode through Zoom platform. The Agenda of the meeting is as follows:

AGENDA

- Action Taken Report (ATR) on previous BoS Meeting held on 06-02-2021.
- Discussion and review of B. Tech.(ME), MR21 regulations, First Year Course schema and syllabi.
- Approval for minor changes in Syllabus of Engineering Graphics Course for all branches of B.Tech.
- Suggestion of any activity related to research, teaching, extension and other academic activities in the department/college.
- Suggestion and review on Innovative Teaching Practices in view of Online Classes.
- 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.
- Approval of any other items with the permission of the Chairman.




PRINCIPAL
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Chairman, BoS

MALLA REDDY ENGINEERING COLLEGE (Autonomous)

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

Department of Mechanical Engineering

Minutes of meeting B.Tech(Mech. Engg) - BoS

Aug.11th, 2021

The 15th Board of studies meeting for the B.Tech (ME) was conducted on 11-08-2021 at 11:30 AM online on Zoom Platform.

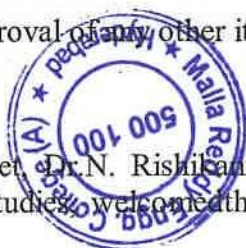
The following BoS Members have attended the Meeting:

1. Dr. A. Raveendra	Principal, MREC (A)	Special Invitee
2. Dr. N. Rishikanth	Professor & Head-ME	Chairman-BOS
3. Dr.S. Naga Sarada	Professor, ME, JNTUHCEH	JNTUH Nominee
4. Dr. V. Suresh Babu	Assoc. Professor, ME, NITW	Expert Member (Outside parent university)
5. Dr. Narsimhulu Sanke	Professor, UCE, OU	Expert Member (Outside parent university)
6. Dr. S. Udaya Bhaskar	Professor	Faculty Member
7. Dr. Yogesh Madaria	Professor	Faculty Member
8. Dr. T. Zaheer Ahamed	Professor	Faculty Member
9. Dr. ISNVR Prashanth	Assoc. Professor	Faculty Member
10. Mr. P. Akhil	Trainer, [24]7.ai	Alumnus

The following was the agenda for the meeting.

- Action Taken Report (ATR) on previous BoS(14th) Meeting held on 06-02-2021.
- Discussion and review of B. Tech.(ME), First Year Course schema and syllabus as per MR 21.
- Approval for modified syllabus for the course Engineering Graphics for CE, ME, Min.E, EEE and ECE students and new syllabus for Engineering Drawing for CSE and allied branches students.
- Suggestion of any activity related to research, teaching, extension and other academic activities in the department/college.
- Suggestion and review on Innovative Teaching Practices in view of Online Classes.
- 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.
- Approval of any other items with the permission of the Chairman.

At the outset, Dr.N. Rishikanth, Professor, Mech. Engg. Dept and Chairman of the B.Tech(ME)-Board of Studies, welcomed the members of the Board of Studies to the meeting and apprised the



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purpose of the meeting. He also briefed about the previous BoS meeting, resolutions and placed on record, the proposed course structure for I Year B.Tech-ME Program under MR21 regulations. Later, Board of studies Members had 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.

The following specific information about the changes in the curriculum (as compared to MR20 Regulations) for I Year B.Tech-ME were shared with the BoS members:

1. Shifting of *Basic Electrical and Electronics Engineering* and *Basic Electrical and Electronics Engineering Lab* courses from Semester-II to Semester-I
2. Shifting of *Engineering Physics* and *Engineering Physics Lab* courses from Semester-I to Semester-II.
3. Shifting of *Engineering Graphics* course from Semester-I to Semester-II.
4. The following new courses were introduced in MR18 syllabus

S. No	Professional Elective /Open Elective	Subject Code	Subject Name
1	Professional Elective	80374	Pressure Vessel Design
2	Professional Elective	80375	Design Synthesis
3	Professional Elective	80376	Industrial Robotics
4	Professional Elective	80377	Signal Analysis and Condition Monitoring
5	Professional Elective	80378	Theory of Plates and Shells
6	Open Elective	80379	Computational Fluid Dynamics
7	Open Elective	80380	Advanced Optimization Techniques and Applications
8	Open Elective	80381	Thermal & Nuclear Power Plant Engineering
9	Open Elective	80382	Nano Fluids
10	Open Elective	80383	Process Heat and Mass Transfer



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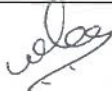
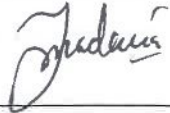


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Department of Mechanical Engineering

The Board of Studies meeting for B.Tech.-Mechanical Engineering Programme is held online on Zoom Online Platform.

The following members have attended to review on matters such as Schema, Syllabus of MR20 regulations(4 Year B.Tech (ME) Programme) and other points as per agenda.

Sl.No	Name of the Member	Designation & Official Address	Category	Signature
1.	Dr. N. Rishikanth	Professor & Head-ME	Chairman-BOS	
2.	Dr. S. Naga Sarada	Professor, ME, JNTUHCEH	JNTUH Nominee	Online
3.	Dr. V. Suresh Babu	Assoc. Professor, ME, NIT Warangal	Expert Member (Outside parent university)	Online
4.	Dr. Narsimhulu Sanke	Professor ME-UCE(A), Osmania University	Expert Member (Outside parent university)	Online
5.	Dr. N.K. Singh	General Manager, BHEL Corporate R &D Division Hyderabad	Industry Expert	Online
6.	Dr. S. Udaya Bhaskar	Professor	Faculty Member	
7.	Dr. Yogesh Madaria	Professor	Faculty Member	
8.	Dr. T. Zaheer Ahamed	Professor	Faculty Member	
9.	Dr. ISNVR Prashanth	Assoc. Professor	Faculty Member	
10.	Mr. P. Akhil	Trainer, [24]7.ai	Alumnus	Online




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Department of Mechanical Engineering

B.Tech(Mech. Engg)-Action Taken Report for BoS

Aug 11th, 2021

The action taken report for the Board of studies meeting for the B.Tech (ME) – BOS conducted on 11-08-2021 at 11.30 PM in Online Mode, is follows:

Resolution 1: The BOS members unanimously approved the introduction of MR20 Schema for the students admitted from the Academic Year 2021-22 onwards

Action Taken: Implemented from A.Y. 2021-22

Resolution 2: The BOS members had given their approval for shifting of Engineering Graphics, Engineering Physics from Semester-1 to Semester-II ME curriculum.

Action Taken: Implemented from A.Y. 2021-22.

Resolution 3: After formulation of scheme of Instructions, the BoS has reviewed and revised the syllabus for B.Tech (Mech) course as per the guide lines of the AICTE and JNTUH, Hyderabad.

Action Taken: The revised syllabus is implemented as MRIS regulation B.Tech. (ME) course.

Resolution 4: The BOS Members unanimously approve to use the open source software's for the respective laboratories.

Action Taken: The suggested softwares are installed.

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.(ME) Course.

Action Taken: The suggestion for setters and valuers /examiners are implemented for the B.Tech (ME) Course.

Resolution 6: If any item need 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 2021-22.


BOS Chairman




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Department of Mechanical Engineering

10.08.2021

Board of Studies Meeting on 11-08-2021 at 12:30 AM

The Board of Studies Meeting of M.Tech (Machine Design) Programme is scheduled on 11-08-2021 at 12:30 PM in online mode through Zoom platform. The Agenda of the meeting is as follows:

AGENDA

- Action Taken Report (ATR) on previous BoS Meeting held on 06-02-2021.
- Discussion and review of M. Tech.(MD), MR21 regulations, Course schema and syllabi.
- Suggestion of any activity related to research, teaching, extension and other academic activities in the department/college.
- Suggestion and review on Innovative Teaching Practices in view of Online Classes.
- 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.
- Approval of any other items with the permission of the Chairman.



Read
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[Signature]
Chairman, BoS

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Department of Mechanical and Engineering

Minutes of meeting M.Tech (Machine Design) - BoS

August 11th, 2021

The Board of studies meeting for the M.Tech(MD) was conducted on 11-08-2021 at 12:30 PM online on Zoom Platform.

The following BoS Members have attended the Meeting:

1. Dr. A. Raveendra	Principal, MREC (A)	Special Invitee
2. Dr. N. Rishikanth	Professor & Head-ME	Chairman-BOS
3. Dr.S. Naga Sarada	Professor, ME, JNTUHCEH	JNTUH Nominee
4. Dr. V. Suresh Babu	Assoc. Professor, ME, NITW	Expert Member (Outside parent university)
5. Dr. Narsimhulu Sanke	Professor, UCE, OU	Expert Member (Outside parent university)
6. Dr. N.K Singh	General Manager, BHEL, Hyd	Industry Expert
7. Dr. S. Udaya Bhaskar	Professor	Faculty Member
8. Dr. Yogesh Madaria	Professor	Faculty Member
9. Dr. T. Zaheer Ahamed	Professor	Faculty Member
10. Dr. ISNVR Prashanth	Assoc. Professor	Faculty Member
11. Mr. P. Akhil	Trainer, [24]7.ai	Alumnus

The following was the agenda for the meeting.

- Action Taken Report (ATR) on previous BoS Meeting held on 06-02-2021
- Discussion and review of II Year, M. Tech.(MD) MR20 regulations course schema and syllabus.
- 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.
- Suggestion of any activity related to research, teaching, extension and other academic activities in the department/college.
- 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.
- Approval of any other items with the permission of the Chairman

At the outset, Dr. N. Rishikanth, Professor., Mech. Engg. Dept and Chairman of the M.Tech(MD)-Board of Studies, welcomed the members to the Board of Studies to the meeting and appraised the purpose of the meeting. He also briefed about the previous BoS meeting, resolutions and placed on record, the proposed course structure of I Year, M.Tech (MD) as per MR21 regulations. Later Board of studies

Members, 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.

The Board of Studies Members unanimously approved the proposal of continuing the same curriculum (as per MR-21) for the batch to be admitted in A.Y. 2021-22.

Resubmitted

Pradeep

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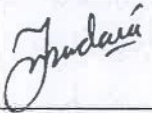


MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)

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Department of Mechanical Engineering

The Board of Studies meeting for M.Tech(MD) Programme is held online on Zoom Online Platform.

The following members have attended to review on matters such as Schema, Syllabus of MR20 regulations Programme and other points as per agenda.

Sl.No	Name of the Member	Designation & Official Address	Category	Signature
1.	Dr. N. Rishikanth	Professor & Head-ME	Chairman-BOS	
2.	Dr. S. Naga Sarada	Professor, ME, JNTUHCEH	JNTUH Nominee	Online
3.	Dr. V. Suresh Babu	Assoc. Professor, ME, NIT Warangal	Expert Member (Outside parent university)	Online
4.	Dr. Narsimhulu Sanke	Professor ME-UCE(A), Osmania University	Expert Member (Outside parent university)	Online
5.	Dr. N.K. Singh	General Manager, BHEL Corporate R &D Division Hyderabad	Industry Expert	Online
6.	Dr. S. Udaya Bhaskar	Professor	Faculty Member	
7.	Dr. Yogesh Madaria	Professor	Faculty Member	
8.	Dr. T. Zaheer Ahamed	Professor	Faculty Member	
9.	Dr. ISNVR Prashanth	Assoc. Professor	Faculty Member	
10.	Mr. P. Akhil	Trainer, [24]7.ai	Alumnus	Online




Principal
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Department of Mechanical Engineering

M.Tech(Machine Design)-Action Taken Report for BoS

Aug 11th, 2021

The action taken report for the 15th Board of studies meeting for the M.Tech(MD)-BOS conducted on 11-08-2021 at 12:30 PM in Online Mode, is follows:

Resolution 1: The BOS members unanimously approved the introduction of MR20 Schema for the students admitted from the Academic Year 2021-22 onwards

Action Taken: Implemented from A.Y.2021-22

Resolution 2: After formulation of scheme of Instructions, the BoS has reviewed and revised the syllabus for M.Tech (MD) course as per the guide lines of the AICTE and JNTUH, Hyderabad.

Action Taken: The revised syllabus is implemented as MR21 regulation M.Tech. (MD) course.

Resolution 3: The BOS Members unanimously approve to use the open source software's for the respective laboratories.

Action Taken: The suggested softwares are installed.

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.(MD) Course.

Action Taken: The suggestion for setters and valuers /examiners are implemented for the M.Tech (MD) Course.

Resolution 5: If any item need 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 2021-22.


BOS Chairman




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Department of Mechanical Engineering

10.08.2021

Board of Studies Meeting on 11-08-2021 at 12:00 PM

The Board of Studies Meeting of M.Tech (Thermal Engineering) Programme is scheduled on 11-08-2021 at 12:00 PM in online mode through Zoom platform. The Agenda of the meeting is as follows:

AGENDA

- Action Taken Report (ATR) on previous BoS Meeting held on 06-02-2021.
- Discussion and review of M. Tech.(TE), MR21 regulations, Course schema and syllabi.
- Suggestion of any activity related to research, teaching, extension and other academic activities in the department/college.
- Suggestion and review on Innovative Teaching Practices in view of Online Classes.
- 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.
- Approval of any other items with the permission of the Chairman.




PRINCIPAL

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Chairman, BoS

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Department of Mechanical and Engineering

Minutes of meeting M.Tech (Thermal Engineering) - BoS

August 11th, 2021

The Board of studies meeting for the M.Tech(TE) was conducted on 11-08-2021 at 12:00 PM online on Zoom Platform.

The following BoS Members have attended the Meeting:

1. Dr. A. Raveendra	Principal, MREC (A)	Special Invitee
2. Dr. N. Rishikanth	Professor & Head-ME	Chairman-BOS
3. Dr. S. Naga Sarada	Professor, ME, JNTUHCEH	JNTUH Nominee
4. Dr. V. Suresh Babu	Assoc. Professor, ME, NITW	Expert Member (Outside parent university)
5. Dr. Narsimhulu Sanke	Professor, UCE, OU	Expert Member (Outside parent university)
6. Dr. N.K Singh	General Manager, BHEL, Hyd	Industry Expert
7. Dr. S. Udaya Bhaskar	Professor	Faculty Member
8. Dr. Yogesh Madaria	Professor	Faculty Member
9. Dr. T. Zaheer Ahamed	Professor	Faculty Member
10. Dr. ISNVR Prashanth	Assoc. Professor	Faculty Member
11. Mr. P. Akhil	Trainer, [24]7.ai	Alumnus

The following was the agenda for the meeting.

- Action Taken Report (ATR) on previous BoS Meeting held on 06-02-2021
- Discussion and review of II Year, M. Tech.(TE) MR20 regulations course schema and syllabus.
- 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.
- Suggestion of any activity related to research, teaching, extension and other academic activities in the department/college.
- 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.
- Approval of any other items with the permission of the Chairman.

At the outset, Dr. N. Rishikanth, Professor., Mech. Engg. Dept and Chairman of the M.Tech(TE)- Board of Studies, welcomed the members to the Board of Studies to the meeting and apprised the purpose of the meeting. He also briefed about the previous BoS meeting, resolutions and placed on record, the proposed course structure of I Year, M.Tech (TE) as per MR21 regulations. Later Board of studies Members, 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.


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The following new courses were introduced in MR20 syllabus

S.No	Professional Elective/ Open Elective	Subject Code	Subject Name
1	Professional Elective	A3143	Advanced Optimization Techniques
2	Professional Elective	A3144	Thermal Management Of Electronic Equipment
3	Professional Elective	A3145	Energy Conservation & Waste Recovery
4	Open Elective	A3146	Soft Computing Techniques
5	Open Elective	A3147	Enterprise Resource Planning

The Board of Studies Members unanimously approved the proposal of continuing the same curriculum (as per MR-21) for the batch to be admitted in A.Y. 2021-22.

Revised

Indira

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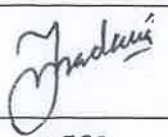


MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)

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Department of Mechanical Engineering

The Board of Studies meeting for M.Tech(TE) Programme is held online on Zoom Online Platform.

The following members have attended to review on matters such as Schema, Syllabus of MR20 regulations Programme and other points as per agenda.

Sl.No	Name of the Member	Designation & Official Address	Category	Signature
1.	Dr. N. Rishikanth	Professor & Head-ME	Chairman-BOS	
2.	Dr. S. Naga Sarada	Professor, ME, JNTUHCEH	JNTUH Nominee	Online
3.	Dr. V. Suresh Babu	Assoc. Professor, ME, NIT Warangal	Expert Member (Outside parent university)	Online
4.	Dr. Narsimhulu Sanke	Professor ME-UCE(A), Osmania University	Expert Member (Outside parent university)	Online
5.	Dr. N.K. Singh	General Manager, BHEL Corporate R &D Division Hyderabad	Industry Expert	Online
6.	Dr. S. Udaya Bhaskar	Professor	Faculty Member	
7.	Dr. Yogesh Madaria	Professor	Faculty Member	
8.	Dr. T. Zaheer Ahamed	Professor	Faculty Member	
9.	Dr. ISNVR Prashanth	Assoc. Professor	Faculty Member	
10.	Mr. P. Akhil	Trainer, [24]7.ai	Alumnus	Online




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Department of Mechanical Engineering

M.Tech(Thermal Engineering)-Action Taken Report for BoS

Aug 11th, 2021

The action taken report for the 15th Board of studies meeting for the M.Tech(TE)-BOS conducted on 11-08-2021 at 12:00 PM in Online Mode, is follows:

Resolution 1: The BOS members unanimously approved the introduction of MR20 Schema for the students admitted from the Academic Year 2021-22 onwards

Action Taken: Implemented from A.Y.2021-22

Resolution 2: The BOS members had given their approval for new introducing courses like Advanced Optimization Techniques, Thermal Management Of Electronic Equipment, Energy Conservation & Waste Recovery, Soft Computing Techniques, Enterprise Resource Planning in M.Tech(TE) curriculum.

Action Taken: Implemented from A.Y.2021-22

Resolution 2: After formulation of scheme of Instructions, the BoS has reviewed and revised the syllabus for M.Tech (TE) course as per the guide lines of the AICTE and JNTUH, Hyderabad.

Action Taken: The revised syllabus is implemented as MR20 regulation M.Tech. (TE) course.

Resolution 4: The BOS Members unanimously approve to use the open source software's for the respective laboratories.

Action Taken: The suggested softwares are installed.

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 M.Tech.(TE) Course.

Action Taken: The suggestion for setters and valuers /examiners are implemented for the M.Tech(TE) Course.

Resolution 6: If any item need 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 2021-22.




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BOS Chairman