



Malla Reddy Engineering College (AUTONOMOUS)

(An Autonomous Institution approved by UGC and affiliated to JNTUH Hyderabad Accredited by NAAC with 'A' Grade,
Accredited by NBA of AICTE & Recipient of World Bank Assistance under TEQIP Phase - II, S.C 1.1)

Dr. S. Sudhakara Reddy

M.Tech., M.B.A., Ph.D., LIMISTE., F.I.E., M.I.S.M.E
Principal

Date: 04.07.2016

ORDER

The Board-of-Studies for the Department of Mechanical Engineering (ME) for the academic year 2016-17 have been reconstituted as some of the previous members' term is completed.

S. No.	Name of the Member	Designation & Official Address	Subject Specialization	Contact No.	Status
1	Dr. S. Sudhakara Reddy	Principal, MREC(A)	Mechanical Engineering	9348161125	Special Invitee
2	Mr. A Raveendra	Assoc.Professor & Head, Dept.of ME.,MREC(A)	Production Engineering	9502294258	Chairman- BOS
3	Dr.J Suresh Kumar	Professor, ME Dept, JNTUH	Machine Design	9848349839	University Nominee (Nominated by the Vice Chancellor, JNTUH, Hyderabad)
4	Dr.M Manzoor Hussain	Professor, Dept.of ME, JNTUH	Production Engineering	9848211005	Subject Expert Member (External) (Nominated by Academic Council)
5	Dr.Narsimhulu Sanke	Assistant Professor, Dept.of ME, Osmania University.	Thermal Engineering	9885415325	Subject Expert Member (External) (Nominated by Academic Council)
6	Sri. M Dakshina Murty	AGM,BHEL-R&D,Hyderabad	Industry	9849457064	Industry Expert
7	Mr V Narasimha Reddy	Assoc.Professor, Dept.of ME,MREC(A)	Fluid Mechanics	9490806006	Faculty Member (Internal)
8	Mr.G Biksha	Assoc.Professor, Dept.of ME,MREC	AMS	9849956272	Faculty Member (Internal)
9	Mr.K Srinivasa Rao	Assoc.Professor, Dept.of ME,MREC(A)	Machine Design	9490317727	Faculty Member (Internal)
10	Mr.Shaik Hussain	Assoc.Professor, Dept.of ME,MREC(A)	Thermal Engineering	9966874496	Faculty Member (Internal)
11	Sri K.Venubhupal Reddy	Maintenance Engineer, VIRCHOUS Drugs Pvt Ltd.,Hyd.	Alumni	9032037603	Alumni (Nominated by the Principal)



PRINCIPAL

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Malla Reddy Engineering College
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Email : principal@mrec.ac.in


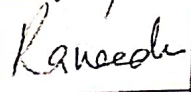

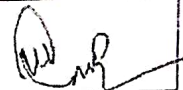

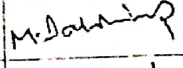
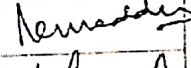
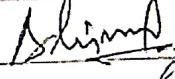
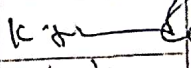
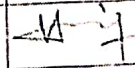

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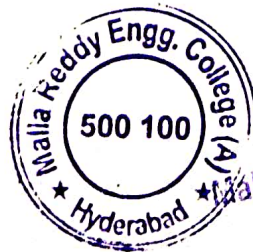
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MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)
Maisammaguda, Dhulapally, Secunderabad-100
Department of Mechanical Engineering

The BOS meeting is held on 20.07.2016 and the following members have attended for finalization of Schema and Syllabus for MR16 Admitted Students(under UGC Autonomous – CBCS) for both B.Tech and M.Tech programmes.

S. No.	Name of the Member	Designation & Official Address	Status of BOS	Signature
1	Dr. S. Sudhakara Reddy	Principal, MREC(A)	Special Invitee	
2	Mr. A Raveendra	Assoc.Professor, MED,MREC	Chairman-BOS	
3	Dr.J Suresh Kumar	Professor,Head MED, JNTUH	University Nominee	
4	Dr.M Manzoor Hussain	Professor,MED, JNTUH	Subject Expert Member	
5	Dr.Narsimhulu Sanke	Assistant Professor,MED, Osmania University.	Subject Expert Member	
6	Sri. M Dakshina Murty	AGM,BHEL-R&D,Hyderabad	Industry Expert	
7	Mr V Narasimha Reddy	Assoc.Professor, MED,MREC(A)	Member	
8	Mr.G Biksha	Assoc.Professor, MED,MREC	Member	
9	Mr.K Srinivasa Rao	Assoc.Professor, MED,MREC(A)	Member	
10	Mr.Shaik Hussain	Assoc.Professor, MED,MREC(A)	Member	
11	Sri K.Venubhupal Reddy	Maintenance Engineer, VIRCHOUS Drugs Pvt Ltd.,Hyd.	Alumni	



Raveend
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Dr. S. Sudhakara Reddy
M.Tech., M.B.A., Ph.D., LIMISTE., F.I.E., M.I.S.M.E
Principal

Date: 04.07.2016

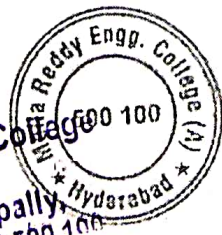
ORDER

The Board-of-Studies for the Department of Mechanical Engineering (ME) for the academic year 2016-17 have been reconstituted as some of the previous members' term is completed.

S. No.	Name of the Member	Designation & Official Address	Subject Specialization	Contact No.	Status
1	Dr. S. Sudhakara Reddy	Principal, MREC(A)	Mechanical Engineering	9348161125	Special Invitee
2	Mr. A Raveendra	Assoc.Professor & Head, Dept.of ME.,MREC(A)	Production Engineering	9502294258	Chairman- BOS
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9	Mr.K Srinivasa Rao	Assoc.Professor, Dept.of ME,MREC(A)	Machine Design	9490317727	Faculty Member (Internal)
10	Mr.Shaik Hussain	Assoc.Professor, Dept.of ME,MREC(A)	Thermal Engineering	9966874496	Faculty Member (Internal)
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MALLA REDDY ENGINEERING COLLEGE (Autonomous)

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Department of Mechanical and Engineering

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

December 25th, 2016

The Board of studies meeting for the M.Tech (Thermal engineering) - BOS is conducted on 25-12-2016 at 3:00 PM in the conference hall, Malla Reddy Engineering College (Autonomous), Hyderabad.

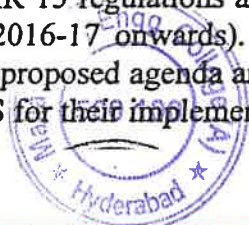
The following BOS Members have attended the Meeting:

1. Dr.S Sudhakara Reddy	Principal, MREC(A)	Special Invitee
2. Dr.S.Surendarnath	Assoc Prof, MED,MREC(A)	Chairman-BOS
3. Dr.J Suresh Kumar	Professor,MED, JNTUH	JNTUH Nominee
4. Dr. M Manor Hussain	Professor,MED, JNTUH	Subject Expert Member
5. Dr.G.Laxmaiah	Assoc Prof, MED, CBIT	Subject Expert Member
6. Sri. M Dakshina Murty	AGM,BHEL-R&D, Hyderabad	Expert Member
7. Dr. R S Reddy	Professor, MED, MREC(A)	Faculty Member
8. Dr. J. Jayaprakash	Professor, MED,MREC(A)	Faculty Member
9. Mr.K.Srinivasa Rao	Assoc Prof, MED, MREC(A)	Faculty Member
10. Sri K.Venubhupal Reddy	Maintenance Engineer, Virchous Drugs Pvt Ltd.,Hyd	Alumni

The following is the agenda for the meeting.

1. Discussion and approval of the scheme and Syllabus of M.Tech(Thermal Engineering) (CBCS) for MR15 Regulations (for Batches starting from Academic Year 2016-17 onwards).
2. Suggestion and approval of Open Source Softwares for suitable lab experiments
3. Suggestion and approval of panel for Paper setters, Valuers for both theory and practical examinations.
4. Delegation of power to the Chairman, BOS for inclusion and exclusion of any item as per the requirements.
5. Approval of any other item with the permission of the Chairman.

At the outset, Dr.S.Surendarnath, Assoc Prof., Mech. Dept and Chairman of the M.Tech(Thermal Engineering) - 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 15 regulations and also proposed modifications for MR15 regulations syllabus (Batches admitted from 2016-17 onwards). Later Board of studies Members has in detailed 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 2016-17 and onwards.



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Department of Mechanical Engineering

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

December 25th, 2016

The action taken report for the Board of studies meeting for the M.Tech (Thermal Engineering) - BoS conducted on 02-12-2016 at 10:30 AM for in the Department of mechanical engineering, Malla Reddy Engineering College (Autonomous), Hyderabad is follows

Resolution 1: Nano Technology and Nano materials syllabus may be revised in relevance with the thermal applications. If not possible removed/ replaced with any one thermal related contemporary subjects.

Action Taken: Nano Technology and Nano materials syllabus are revised in relevance with the thermal applications

Resolution 2: The text books mentioned should be of the recent editions

Action Taken: The recent text books added in the every subjects.

Resolution 3: Not more than 2 books should be given in the text books. If the syllabus is covered by a single book then only one book may be given.

Action Taken: Maximum two books are given for the textbooks.

Resolution 4: Hand books should be placed in the reference section instead placing in the text books.

Action Taken: Hand books are transferred to the reference section instead placing in the text books.

Resolution 5: Course outcomes should be coherence with the syllabus contents.

Action Taken: Course outcomes are verified and corrected in coherence with the syllabus contents.

Resolution 6: The overall language and typographical errors need to be thoroughly checked and corrected.

Action Taken: The overall language and typographical errors are thoroughly checked and corrected.



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Department of Mechanical and Engineering

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

December 25th, 2016

The Board of studies meeting for the M.Tech(Machine Design) - BOS is conducted on 25-12-2016 at 3:00 PM in the conference hall, Malla Reddy Engineering College (Autonomous), Hyderabad.

The following BOS Members have attended the Meeting:

1. Dr.S Sudhakara Reddy	Principal, MREC(A)	Special Invitee
2. Dr.S.Surendarnath	Assoc Prof, MED,MREC(A)	Chairman-BOS
3. Dr.J Suresh Kumar	Professor,MED, JNTUH	JNTUH Nominee
4. Dr. M Manor Hussain	Professor,MED, JNTUH	Subject Expert Member
5. Dr.G.Laxmaiah	Assoc Prof, MED, CBIT	Subject Expert Member
6. Sri. M Dakshina Murty	AGM,BHEL-R&D, Hyderabad	Expert Member
7. Dr. R S Reddy	Professor, MED, MREC(A)	Faculty Member
8. Dr. J. Jayaprakash	Professor, MED,MREC(A)	Faculty Member
9. Mr.K.Srinivasa Rao	Assoc Prof, MED, MREC(A)	Faculty Member
10. Sri K.Venubhupal Reddy	Maintenance Engineer, Virchous Drugs Pvt Ltd.,Hyd	Alumni

The following is the agenda for the meeting.

1. Discussion and approval of the scheme and Syllabus of M.Tech(Machine Design) (CBCS) for MR15 Regulations (for Batches starting from Academic Year 2016-17 onwards).
2. Suggestion and approval of Open Source Softwares for suitable lab experiments
3. Suggestion and approval of panel for Paper setters, Valuers for both theory and practical examinations.
4. Delegation of power to the Chairman, BOS for inclusion and exclusion of any item as per the requirements.
5. Approval of any other item with the permission of the Chairman.

At the outset, Dr.S.Surendarnath, Assoc Prof., Mech. Dept and Chairman of the M.Tech(Machine Design) 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 15 regulations and also proposed modifications for MR15 regulations syllabus (Batches admitted from 2016-17 onwards). Later Board of studies Members has in detailed 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 2016-17 and onwards.

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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(Machine Design) 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(Machine Design) Course from the academic year 2016-17 onwards. The devised scheme of instructions and other items have been given in Annexure-I.
2. After formulation of scheme of Instructions, the BOS has reviewed and devised the syllabus for M.Tech(Machine Design) 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.
OpenFOAM, SU2, QCAD, SALOME, SCILAB,
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(Machine Design) Course.
5. 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. Mechanical Vibration subject should be changed from Professional elective to Core Course, as well as include V.P.Singh and Groover books.
2. Tool design subject may be included as core subject.
3. Industrial Robotics may be shifted to IInd semester.
4. The Numerical Methods subject may transferred from Core to Elective.
5. Nano materials syllabus may be revised in relevance with the Design and manufacturing applications. If not possible removed/ replaced with any one Design related contemporary subjects.
6. Advanced FEA may be verified thoroughly (like introduction to plates and shells). One of the text book FEA by Jalaludhin may be included.
7. The text books mentioned should be of the recent editions
8. Hand books should be placed in the reference section instead of placing in the text books.
9. Course outcomes should be coherence with the syllabus contents.
10. The overall language and typographical errors need to be thoroughly checked and corrected.



Raveesh
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Department of Mechanical Engineering

M.Tech(Machine Design) – Action Taken Reoprt for BoS

December 25th, 2016

The action taken report for the Board of studies meeting for the M.Tech (Machine Design) - BoS conducted on 02-12-2016 at 10:30 AM in the Department of mechanical engineering, Malla Reddy Engineering College (Autonomous), Hyderabad is follows

Resolution 1: Mechanical Vibration subject should be changed from Professional elective to Core Course, as well as include V.P.Singh and Groover books.

Action Taken: Mechanical Vibration subject is changed from Professional elective to Core Course and also the V.P.Singh and Groover books also included

Resolution 2: The committee suggested to include Tool design subject as core subject.

Action Taken: Tool design subject is included as core subject.

Resolution 3: Industrial Robotics may be shifted to IInd semester.

Action Taken: Industrial Robotics is included in the to second semester.

Resolution 4: The members suggested that the Numerical Methods subject may transferred from Core to Elective.

Action Taken: The Numerical Methods subject is transferred from Core to Elective.

Resolution 5: Nano materials syllabus may be revised in relevance with the Design and manufacturing applications. If not possible removed/ replaced with any one Design related contemporary subjects.

Action Taken: : Nano materials syllabus is revised in relevance with the Design and manufacturing applications.

Resolution 6: Advanced FEA may be verified thoroughly (like introduction to plates and shells). One of the text book FEA by Jalaludhin may be included.

Action Taken: Advanced FEA may be verified thoroughly (like introduction to plates and shells). One of the text book FEA by Jalaludhin may be included.

Resolution 7: The text books mentioned should be of the recent editions



Ravi
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MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)

DEPARTMENT OF MECHANICAL ENGINEERING

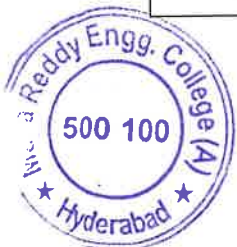
MINUTES OF THE BOS

Dt: 09.07.2016

1. Mapping of Question paper with course outcomes should be done proper way.
2. R& AC subject to be shifted from professional elective-II to professional core in VI semester.
3. Synchronizing the subjects TE-I and TE-II as one subject
4. After Synchronizing the subjects TE-I and TE-II Syllabus should be framed in the following manner: M-I:All compressors, M-11: IC Engines, M-111 :Boiler, M-IV: Steam turbines, M-V: Gas turbines and Jet propulsion.

The Structure and Syllabus for B.Tech. MR15 batch have been approved with the following suggestions

S.NO	Subject Code	Subject Name	Change/Modifications Suggested
1	50305	Mechanics of solids	Columns And Struts: Introduction – Types of columns – Short, medium and long columns – Axially loaded compression members – Crushing load – Euler's theorem for long columns- assumptions- derivation of Euler's critical load formulae for various end conditions – Equivalent length of a column – slenderness ratio – Euler's critical stress – Limitations of Euler's theory – Rankine – Long columns subjected to eccentric loading
2	50307	Metallurgy and materials science	Metallurgy & Materials Science : Bonds in Solids – Metallic bond - crystallization of metals, grain and grain boundaries, effect of grain boundaries on the properties of metal / alloys – determination of grain size.
3	50309	Kinematics of machines	Methods of finding train value or velocity ratio - Epicyclic gear



Reva
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			trains. Selection of gear box- Differential gear for an automobile.
4	50H11	Human values and professional ethics	<p>Variety of moral issues - types of inquiry - moral dilemmas - moral autonomy - Kohlberg's theory - Gilligan's theory - consensus and controversy – Models of Professional Roles - theories about right action - Self-interest - customs and religion - uses of ethical theories.</p> <p>Goals in life – Goal setting – Differentiating Right and Wrong – Integrity – Adaptability – Sense of Humor - Valuing Time – Co-operation – Commitment</p> <p>Understanding self and body – Human Interactions – Human-Human relationships – Respect and Differentiation – Humanistic education, Humanistic Constitution, Humanistic Universal Order</p>

5. Include vapour absorption cycle in Thermodynamics subject in Module-V.
6. RES subject to be reframed like: M-I: Solar energy and storage, sensible heat and latent heat, M-II: wind energy, M-III: Biomass, Biogas, Pyrolysis, M-IV: Geothermal and ocean energy, M-V: fuel cell technology. Text book: H.P. Garg "Solar Energy".
7. Include organic Rankine cycle and Classification of Solar collectors in RES subject.
8. Include Global environmental standards & norms and CO2 capture concept in Environmental studies subject.
9. Change experiment no.1 name in machine tools lab as study of lathe.
10. Shift Mechanical vibrations subject from PE-II to PE-III in place of R&AC and vice versa.
11. Actual cycles may be included in Thermodynamics subject.




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12. Add super critical and sub critical concept in TE-II subject under Rankine cycle concept.
13. In Finite element methods, module-111 title changed to Analysis of beams and delete the entire syllabus and include derivation of hermite shape functions and stiffness matrix for beam element and load vector problems.
14. In Finite element methods, Module-1V delete finite element modeling of axis symmetric solids subjected to axis symmetric loading with triangular elements.
15. In Mechanical vibrations subject, module-11 A&B topics shifted to module-1. In module-v delete longitudinal vibration of bars topic. Syllabus to be framed according to G K Groover Text book.
16. In Mechanical Vibration subject change the titles from degree freedom system to degrees of freedom.
17. Engineering Mechanics subject is to be offered in two semesters under Engineering Mechanics-I (Statics) and Engineering Mechanics-II (Dynamics) .
18. Finite element subject is to be offered for all programmes.

Finally the Board of Studies meeting was concluded with vote of thanks by the chairman of the Board of Studies committee.

Date: 09.07.2016

Raveesh
Chairman, BOS

Copy to:

The Chairman of Academic Council & Principal, MREC
All the Members of BOS



Raveesh
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Department of Mechanical Engineering

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

20-07-2016

The action taken report for the 7th Board of studies meeting for the B.Tech(M.E)- Bos conducted On 20-12-2015 at 10.30 A.M for in the Department of mechanical engineering, Malla Reddy Engineering College (Autonomous), Hyderabad is as follows:

Resolution 1: The Bos Members have thoroughly reviewed and discussed the scheme of instructions, periods per week, and the number of credits for all 4 years of B.Tech(Mech) course as per the guidelines of the AICTE and JNTUH, Hyderabad. The Bos has collectively resolved to implement this scheme of Instructions, periods per week and the number of credits for all 4 years of B.Tech (ME) Course from the academic year 2016-17 onwards.

Action Taken: The revised scheme of instructions is implemented as MR15 regulation B.Tech (ME) course

Resolution 2: After formulation of scheme of Instructions, the Bos has reviewed and revised the syllabus for B.Tech (Mech) course as per the guidelines of the AICTE and JNTUH, Hyderabad

Action Taken: The revised syllabus is implemented as MR15 regulation B.Tech (ME) 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 B.Tech.(ME) Course.

Action Taken 4 : The suggestion for setters and valuers/examiners are implemented for the B. Tech (ME) 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 2016-17



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MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)

DEPARTMENT OF MECHANICAL ENGINEERING

MINUTES OF THE BOS

Datet: 25.12.2016

1. Mapping of Question paper with course outcomes should be done proper way.
2. R& AC subject to be shifted from professional elective-II to professional core in VI semester.
3. Synchronizing the subjects TE-I and TE-II as one subject
4. After Synchronizing the subjects TE-I and TE-II Syllabus should be framed in the following manner: M-I:All compressors, M-11: IC Engines, M-111 :Boiler, M-IV: Steam turbines, M-V: Gas turbines and Jet propulsion.

The Structure and Syllabus for B.Tech. MR15 batch have been approved with the following suggestions

S.NO	Subject Code	Subject Name	Change/Modifications Suggested
1	50312	Dynamics of machines	Pickering governors. Effort and Power of Governor, Controlling force of governors and coefficient of Insensitivity
2	50314	Production technology	Special casting processes 1) Centrifugal 2)Die, 3) Investment4) Slush casting 5) Shell mould casting.,Defects in casting, Mould making machines. Submerged Arc Welding welding defects - causes and remedies - destructive nondestructive testing of welds. Embossing Carbon fibre reinforced plasticd, Graphite fibre reinforced plastics, Tranfer moulding, Extrusion moulding, Thermo forming, Compression moulding
3	50H16	Environmental sciences	Biogeochemical cycles,Homeostasis/Cybernetics,food chain concentration,Biomagnification,ecosystems value,services,serices and carrying capacity. Hot spots of biodiversity.Threats to biodiversity: habitat loss,poaching of



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			<p>wildlife,man-Wildlife conflicts,conservation of biodiversity: In-Situ and Ex-situ conservation,food and fodder resources,Timber and non-timber forest products.</p> <p>Noise Pollution: Sources,Industrial Noise-Occupational Health hazards,standards,Methods of controls of Noise, Thermal pollution : Thermal Comfotrs,Heat Island effect,Radiation effects.</p> <p>Nuclear Pollution:Nuclear power plants,nuclear radiation,disasters and impacts,genetical disorders,Solid waste types,Collection processing and disposal of industrial and municipal solid wastes composition and characteristics of e-waste and its management.</p>
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5. Include vapour absorption cycle in Thermodynamics subject in Module-V.
6. RES subject to be reframed like: M-I: Solar energy and storage, sensible heat and latent heat, M-II: wind energy, M-III: Biomass, Biogas, Pyrolysis, M-IV: Geothermal and ocean energy, M-V: fuel cell technology. Text book: H.P. Garg "Solar Energy".
7. Include organic Rankine cycle and Classification of Solar collectors in RES subject.
8. Include Global environmental standards & norms and CO2 capture concept in Environmental studies subject.
9. Change experiment no.1 name in machine tools lab as study of lathe.
10. Shift Mechanical vibrations subject from PE-II to PE-III in place of R&AC and vice versa.
11. Actual cycles may be included in Thermodynamics subject.
12. Add super critical and sub critical concept in TE-II subject under Rankine cycle concept.
13. In Finite element methods, module-III title changed to Analysis of beams and delete the entire syllabus and include derivation of hermite shape functions and stiffness matrix for beam element and load vector problems.
14. In Finite element methods, Module-IV delete finite element modeling of axis symmetric solids subjected to axis symmetric loading with triangular elements.



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15. In Mechanical vibrations subject, module-11 A&B topics shifted to module-1. In module-v delete longitudinal vibration of bars topic. Syllabus to be framed according to G K Groover Text book.

16. In Mechanical Vibration subject change the titles from degree freedom system to degrees of freedom.

17. Engineering Mechanics subject is to be offered in two semesters under Engineering Mechanics-I (Statics) and Engineering Mechanics-II (Dynamics) .

18. Finite element subject is to be offered for all programmes.

Finally the Board of Studies meeting was concluded with vote of thanks by the chairman of the Board of Studies committee.

Datet: 25.12.2016

Raveend
Chairman, BOS

Copy to:

The Chairman of Academic Council & Principal, MREC
All the Members of BOS



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Department of Mechanical Engineering

B.Tech(Mech. Engg) – Action Taken Reoprt for BoS

December 25th, 2016

The action taken report for the Board of studies meeting for the B.Tech (ME) - BoS conducted on 02-12-2016 at 10:30 AM for in the Department of mechanical engineering, Malla Reddy Engineering College (Autonomous), Hyderabad is 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 (Mech) course as per the guidelines 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 (ME) Course from the academic year 2018-19 onwards.

Action Taken: The revised scheme of instructions is implemented as MR18 regulation B.Tech. (ME) course.

Resolution 2: 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 MR18 regulation B.Tech. (ME) 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 B.Tech.(ME) Course.

Action Taken: The suggestion for setters and valuers /examiners are implemented for the B.Tech.(ME) 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 2018-19.

Resolution 6: Committee's approved to implementing B.Tech (ME) Schema with 160 credits for MR18 Regulations.

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



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Resolution 7 : Reduce the credits of all practical subjects to one credit

Action Taken : The credits of all practical subjects were made to single credit subjects.

Resolution 8 : Change the name of subject from Basic Manufacturing Practices lab into Engineering Workshop

Action Taken : The Basic Manufacturing Practices lab has been renamed into Engineering Workshop

Resolution 9 : Two separate subjects namely Machine Tools and Engineering Metrology made as single subject as Machine Tools and Metrology

Action Taken : The subjects Machine Tools and Engineering Metrology are combined into one subject as Machine Tools and Metrology

Resolution 10: Remove the subject Electrical Drives and Micro processors

Action Taken: The subject Electrical Drives and Micro processors has been removed

Resolution 11: Shift Finite Element Method subject from Professional core to Professional elective

Action Taken: Finite Element Method subject is shifted from Professional core to Professional elective.

Resolution 12: Split the Production Drawing Practice & Instrumentation lab in to two separate labs namely Production Drawing Practice lab and Instrumentation lab.

Action Taken: The Production Drawing Practice & Instrumentation lab is splitted into two different Production Drawing Practice and Instrumentation labs..

Resolution 13: Increase the credits for Mathematics subjects from 3 to 4

Action Taken: The credits for Mathematics subjects were increased from 3 to 4.

Resolution 14: Shift Engineering graphics subject from first semester to second semester

Action Taken: As is it have some practical constraints, it is very difficult to shift the first semester to second one.



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