

MALLA REDDY ENGINEERING COLLEGE(AUTONOMOUS)

DEPARTMENT OF MECHANICAL ENGINEERING

Date:30.06.2016

The following are the pre Board of Studies members for the Department of Mechanical Engineering for the AY 2016-17. You are requested to attend the meeting on 09-07-2016 to discuss on curriculum related issues.

S.No.	Name of the Member	Designation & Official Address	Subject Specialization	Contact No.	Status
1	Mr. A Raveendra	Assoc.Professor,MED,MREC	Production Engineering	9502294258	Chairman-BOS
2	Mr V Narasimha Reddy	Assoc.Professor,MED,MREC(A)	Fluid Mechanics	9490806006	Subject Expert
3	Mr.K Srinivasa Rao	Assoc.Professor,MED,MREC(A)	Machine Design	9490317727	Subject Expert(Internal)
4	Mr.Shaik Hussain	Assoc.Professor,MED,MREC(A)	Thermal Engineering	9966874496	Subject Expert(Internal)
5.	M V Varalakshmi	Assoc.Professor,MED,MREC(A)	CAD/CAM	9885591723	Subject Expert(Internal)
6.	V Sivaramakrishna	Asst.Professor,MED,MREC(A)	CAD/CAM	9848545307	Subject Expert(Internal)
7.	A Ramesh	Asst.Professor,MED,MREC(A)	Machine Design	9491868404	Subject Expert(Internal)
8.	P N Kiran Kumar	Asst.Professor,MED,MREC(A)	Thermal Science Engg.	7329874723	Subject Expert(Internal)
5	V Guru Shanker	PG passed out Student	Thermal Engineering	9959818831	Alumni Member
6	P Sandeep	PG Student	Machine Design	8885920200	Member
7	A Lokesh	UG passed out student	MED,MREC	9949442631	Alumni Member
8	Manas Dasari	UG passed out student	MED,MREC	9505459669	Alumni Member
9	Bandaluppi Sai Sujeet	IV Year Studetn,MED,MREC(A)	MED,MREC	8686419191	Student Member
10	Addagudi Sanjay	IV Year Studetn,MED,MREC(A)	MED,MREC	7386102082	Student Member
11	K Siva Sai Charan	III Year Studetn,MED,MREC(A)	MED,MREC	9177295512	Student Member
12	E Sindu Priya	III Year Studetn,MED,MREC(A)	MED,MREC	9849447615	Student Member
13	CH. Arun	II Year Studetn,MED,MREC(A)	MED,MREC	8790126726	Student Member
14	D Vikas	II Year Studetn,MED,MREC(A)	MED,MREC	9542779266	Student Member

Ravender
Chairman BoS, ME

MALLA REDDY ENGINEERING COLLEGE(AUTONOMOUS)
DEPARTMENT OF MECHANICAL ENGINEERING

16-14

Date:09.07.2016

The following members are attend the Pre Board of Studies meeting held on 09.07.2016 in the Department of Mechanical Engineering for the AY 2016-17.

S.No.	Name of the Member	Designation & Official Address	Subject Specialization	Contact No.	Status	Sign
1	Mr. A Raveendra	Assoc.Professor, MED, MREC	Production Engineering	9502294258	Chairman-BOS	Raveendra
2	Mr V Narasimha Reddy	Assoc.Professor, MED, MREC(A)	Fluid Mechanics	9490806006	Subject Expert	Narasimha
3	Mr.K Srinivasa Rao	Assoc.Professor, MED, MREC(A)	Machine Design	9490317727	Subject Expert(Internal)	K Srinivasa Rao
4	Mr.Shaik Hussain	Assoc.Professor, MED, MREC(A)	Thermal Engineering	9966874496	Subject Expert(Internal)	Shaik Hussain
5	M V Varalakshmi	Assoc.Professor, MED, MREC(A)	CAD/CAM	9885591723	Subject Expert(Internal)	Varalakshmi
6	V Sivaramakrishna	Asst.Professor, MED, MREC(A)	CAD/CAM	9848545307	Subject Expert(Internal)	VSR/K
7	A Ramesh	Asst.Professor, MED, MREC(A)	Machine Design	9491868404	Subject Expert(Internal)	A Ramesh
8	P N Kiran Kumar	Asst.Professor, MED, MREC(A)	Thermal Science Engg.	7329874723	Subject Expert(Internal)	P N Kiran Kumar
5	V Guru Shanker	PG passed out Student	Thermal Engineering	9959818831	Alumni Member	V Guru Shanker
6	P Sandeep	PG Student	Machine Design	8885920200	Member	P Sandeep
7	A Lokesh	UG passed out student	MED, MREC	9949442631	Alumni Member	A Lokesh
8	Manas Dasari	UG passed out student	MED, MREC	9505459669	Alumni Member	Manas Dasari
9	Bandaluppi Sai Sujeet	IV Year Student, ME D, MREC(A)	MED, MREC	8686419191	Student Member	Sai Sujeet

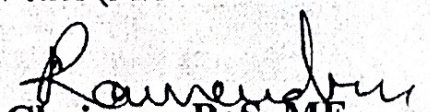
10	Addagudi Sanjay	IV Year Studetn,ME D,MREC(A)	MED,MREC	7386102082	Student Member	
11	K Siva Sai Charan	III Year Studetn,ME D,MREC(A)	MED,MREC	9177295512	Student Member	
12	E Sindu Priya	III Year Studetn,ME D,MREC(A)	MED,MREC	9849447615	Student Member	
13	CH. Arun	II Year Studetn,ME D,MREC(A)	MED,MREC	8790126726	Student Member	
14	D Vikas	II Year Studetn,ME D,MREC(A)	MED,MREC	9542779266	Student Member	

Raveed
Chairman - BOS

MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)
DEPARTMENT OF MECHANICAL ENGINEERING
Minutes of the Pre-BOS

Dt: 09.07.2016



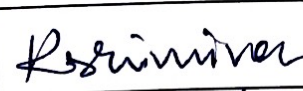
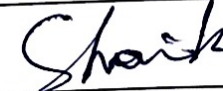

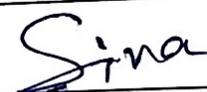
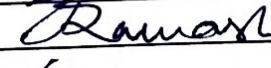
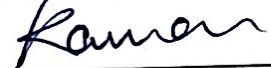
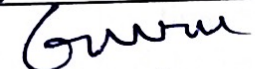

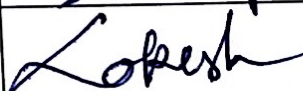
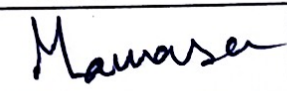

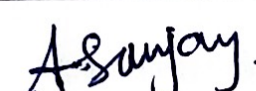
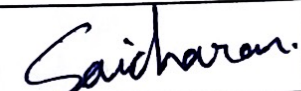
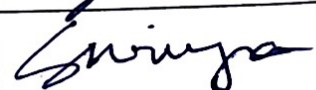
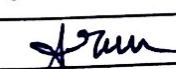

1. Include the program outcomes and program objectives for each module in all the subjects.
2. Include latest editions of the subject textbooks for all subjects.
3. Electronics component devices to be displayed in the Engineering workshop.
4. Prepare manual for trades for demonstration in Engineering workshop.
5. Bolts and Chain drives topic in KOM subject in III sem has to be deleted since it is repeating in DMM-II subject in VI Sem. (Page-67 & 115)
6. Check the spelling mistakes and spacing between the words for all the subjects.
7. Add more number of Text books and reference books in DMM-I and DMM-II Subjects. (Page-98 & 115)
8. Change name of the experiment no.11 in IV semester FMHM lab (Page-87)
9. Include Plasma welding experiment in IV sem PT lab. (Page-86)
10. Change the module no.3 title in Production Technology Subject. (Page-78)
11. In III sem Machine Drawing subject valves topic may be deleted. (Page-65)
12. In III sem Metallurgy and Material Science subject Replace text book no.2 with reference book no.3 (Page-63)
13. Change the module no.3 title in Thermal Engineering-I Subject. (Page-76)
14. Change the module no.5 title in Thermal Engineering-I Subject. (Page-77)
15. In IV sem Production Technology Subject reference book no.2 is repeated. (Page-78)
16. Add RK Bansal text book in FMHM subject in IV semester. (Page-80)
17. In V sem Heat transfer subject replace text book no.1 with reference book no. (Page-94)
18. Including out come for each and module of all the subjects.
19. Exp.no.1 may be deleted in thermal engineering in thermal engineering lab in M.Tech-TE-I sem and addition extra experiments. (Page-35)
20. Kinematics and Dynamics lab Experiments are replaced with new ones (M.Tech-MD-I sem)


Chairmas BoS, ME

MALLA REDDY ENGINEERING COLLEGE(AUTONOMOUS)
DEPARTMENT OF MECHANICAL ENGINEERING

Date: 09.07.2016

The following members have attended the pre Board of Studies meeting for B.Tech (ME), M.Tech (TE), M.Tech (MD), held in Department conference hall.

S.No.	Name of the Member	Designation & Official Address	Subject Specialization	Signature
1	Mr. A Raveendra	Assoc.Professor,MED,MREC	Production Engineering	
2	Mr V Narasimha Reddy	Assoc.Professor,MED,MREC(A)	Fluid Mechanics	
3	Mr.K Srinivasa Rao	Assoc.Professor,MED,MREC(A)	Machine Design	
4	Mr.Shaik Hussain	Assoc.Professor,MED,MREC(A)	Thermal Engineering	
5.	M V Varalakshmi	Assoc.Professor,MED,MREC(A)	CAD/CAM	
6.	V Sivaramakrishna	Asst.Professor,MED,MREC(A)	CAD/CAM	
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10	Addagudi Sanjay	IV Year Studetn,MED,MREC(A)	MED,MREC	
11	K Siva Sai Charan	III Year Studetn,MED,MREC(A)	MED,MREC	
12	E Sindu Priya	III Year Studetn,MED,MREC(A)	MED,MREC	
13	CH. Arun	II Year Studetn,MED,MREC(A)	MED,MREC	
14	D Vikas	II Year Studetn,MED,MREC(A)	MED,MREC	


Chairman BoS, ME

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)

r. S. Sudhakara Reddy

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

To
Dr. M. Manzoor Hussain,
Principal,
JNTUHCE Sultanpur,
Sultanpur.

Dear Sir,

Sub: "BOS meeting scheduled on 20.07.2016". Reg.....

Sir,

We are glad to inform you that you have been the member of the Board of Studies in Mechanical Engineering at Malla Reddy Engineering College (Autonomous). We are now conducting the Board of Studies meeting for Mechanical Engineering on 20.07.2016 (Wednesday). In this connection, you are requested to kindly spare your valuable time for attending the meeting and extend your cooperation in framing curriculum of B.Tech. & M.Tech programmes.

Venue: Department of Mechanical Engineering, MREC. (Autonomous)

Date: 20.07.2016

Time: 10.30 am

Thanking you sir,

Yours sincerely,


Principal



Malla Reddy Engineering College (AUTONOMOUS)

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NBA Accredited Programmes - UG (CE, EEE, ME, ECE & CSE) PG (CE - Structural Engg., ME - Thermal Engg.),
TEQIP Phase - II, S.C 1.1 Institution

Date: 30.06.2016

ORDER

The following are the constituted members of the Board of Studies AY 2016-17 for UG and PG programs in Mechanical Engineering Department.

S.No	Name of the Member	Designation & Official Address	Subject Specialization	Contact No.	Status
1	Dr.S Sudhakara Reddy	Principal, MREC(A)	Production Engineering	9348161125	Special Invitee
2	Mr. A Raveendra	Assoc. Professor, MED, MREC	Production Engineering	9502294258	Chairman-BOS
3.	Dr.J Suresh Kumar	Professor, MED, JNTUH	Machine Design		JNTUH Nominee
4.	Dr.M Manzoor Hussain	Professor, MED, JNTUH	Production Engineering	9848211005	Subject Expert Member
5.	Dr.Narsimhulu Sanke	Assistant Professor, MED, Osmania University.	Thermal Engineering	9885415325	Subject Expert Member
6.	Sri G. Madhusudhan Reddy	Scientist 'G', DMRL, Hyd	Industry	9849382953	Expert from Industry Member
7.	Sri. M Dakshina Murty	AGM, BHEL-R&D, Hyderabad	Industry	9849457064	Expert from Industry Member
8.	Mr V Narasimha Reddy	Assoc. Professor, MED, MREC(A)	Fluid Mechanics	9490806006	Member
9.	Mr.K Srinivasa Rao	Assoc. Professor, MED, MREC(A)	Machine Design	9490317727	Member
10.	Mr. Shaik Hussain	Assoc. Professor, MED, MREC(A)	Thermal Engineering	9966874496	Alumni
11.	Sri K. Venubhupal Reddy	Maintenance Engineer, VIRCHOUS Drugs Pvt Ltd, Hyd	Alumni	9032037603	Member

Chairman BoS, ME



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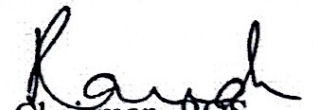
Malla Reddy Engineering College
(Autonomous)
Malsammaguda, Dhulapally
(Post Via Kompally), Sec'bad- 500 100

MALLA REDDY ENGINEERING COLLEGE(AUTONOMOUS)
DEPARTMENT OF MECHANICAL ENGINEERING
Minutes of the BOS

Dt:20.07.2016

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-II: IC Engines, M-III :Boiler, M-IV: Steam turbines, M-V: Gas turbines and Jet propulsion.
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.

15. In Mechanical vibrations subject, module-II A&B topics shifted to module-I. 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.


Chairman, BOS



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TEQIP Phase - II, S.C.1.1 Institution

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3	Dr.J Suresh Kumar	Professor, MED, JNTUH	Machine Design		JNTUH Nominee
4	Dr.M Manzoor Hussain	Professor, MED, JNTUH	Production Engineering	9848211005	Subject Expert, Member
5	Dr.Narsimulu Sanke	Assistant Professor, MED, Osmania University.	Thermal Engineering	9885415325	Subject Expert, Member
6	Sri G. Madhusudhan Reddy	Scientist 'G', DMRL, Hyd	Industry	9849382953	Expert from Industry, Member
7	Sri. M Dakshina Murty	AGM, BHEL-R&D, Hyderabad	Industry	9849457064	Expert from Industry, Member
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Chairman BoS, ME



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(Post Via Kompally), Sec'bad- 500 100

MALLA REDDY ENGINEERING COLLEGE (Autonomous)
Maisammaguda, Dhulapally (Post via Kompally), Secunderabad-500 100.
Department of Mechanical Engineering

MINUTES OF BOARD OF STUDIES MEETING

20-07-2016

The Seventh Board of Studies (BOS) of Mechanical Engineering Department was held on
20-07-2016 at 10.00 AM in the Department of Mechanical Engineering, Malla Reddy
Engineering College, Maisammaguda, Secunderabad-100

The following BOS Members were present

S.No	Name	Designation & Official Address
1	Dr.S.Sudhakar Reddy	Principal,MREC(A)
2	Mr.A.Raveendra	Chairman-BOS (Assoc Prof.MED,MREC)
3	Dr.J.Suresh Kumar	Member (Prof.MED,JNTUCEH-Hyd) JNTUH Nominee
4	Dr.M.Manzoor Hussain	Member (Assoc.Prof. MED,JNTUCEH-Hyd) Subject Expert
5	Dr.Narsimulu Sanke	Member (Asst Prof.MED,Osmania University College of Engineering,Hyd Subject Expert
6	Sri.M.Dakshina Murthy	Member (AGM,BHEL-R&D,Hyd) Expert from Industry
7	Mr.G.Biksha	Member (Assoc Prof.MED,MREC)
8	Mr.K.Srinivasa Rao	Member (Assoc Prof.MED,MREC)
9	M. Shaik Hussain	Member (Assoc Prof.MED,MREC)
10	Sri K.Venubhopal Reddy	Maintenance Engineer,VIRCHOUS Drugs Ltd,Hyd



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Chairman BoS, ME



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(Post Via Kompally), Sec'bad- 500 100

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www.mrec.ac.in