MALLA REDDY ENGINEERING COLLEGE



(AUTONOMOUS) (An UGC Autonomous Institution approved by AICTE and affiliated to JNTUH Hyderabad, Accredited by NAAC with 'A' Grade (II-Cycle)



11th Board of Studies Meeting Academic Year 2019-20 (MR18 Regulations)

Mechanical - BOS





Maisammaguda, Dhulapally (Post Via Kompally), Secunderabad-500100 Ph. No. 040-65864982, 09348161125, e-mail: <u>principal@mrec.ac.in</u>, Website:www.mrec.ac.in





(AUTONOMOUS)

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Date: 10.06.2019

ORDER

As per the UGC guidelines, the Mechanical Engineering-UG Board-of-Studies for the academic year 2019-20 and 2020-21 have been reconstituted as some of the members relieved from the institute.

S. No.	Name of the Member	Designation & Official Address	Subject Specialization	Contact No.	E-mail	Category
1.	Dr.Yogesh Madaria	Assoc. Professor & HOD- ME	Thermal Engineering	9981346535	mehod@mrec.ac.in	Chairman-BOS
2.	Dr.K.Vijay Kumar Reddy	Professor, ME, JNTUH CEH	Energy Systems	9866953636	vijayakumarreddy @gmail.com	University Nominee (Nominated by Vice Chancellor, JNTUH, Hyderabad
3.	Dr. V. Suresh Babu	Assoc. Prof, ME, NIT Warangal	Machine Design	9000416646	vsbabu@nitw.ac.in	Subject Expert (outside parent university)
4.	Dr.Narasimhulu Sanke	Professor ME-UCE(A), Osmania University.	Thermal Engineering	9885415325	nsanke@osmania. ac.in	Subject Expert (outside parent university)
5.	Dr. N. K. Singh	General Manager (Mechanical) BHEL Corporate R & D Division, Hyderabad	Industry	8639555712	singhnk@bhel.in	Industry Expert
6.	Dr. T. Ramachandran	Professor	Thermal Engineering	9490806006	vangurunr@yahoo. com	Faculty Member
7.	Dr. G.Sangamesh	Asst. Professor	Machine Design	9490134665	gsangu.sjce@gma il.com	Faculty Member
8.	Dr.A.Raveendra	Professor	Production Engineering	9502294258	ravi.akunuru.a@g mail.com	Faculty Member
9.	Mrs.M.V.Varalakshmi	Assoc. Professor	CAD/CAM	9885591723	sadvikasree@gm ail.com	Faculty Member
10.	Mr. P. Akhil	[24]7.ai, Hyderabad	Mechanical Engineering	8500120041	akhilpulavarthy@ gmail.com	Alumni (MR14 Batch)

PRINCIPAL Malla Reddy Engineering College (Autonomous) Maisammaguda, Dhulapally, (Post Via Kompally). Sec'bad-500 100. Email: principal@mrec.ac.in



(AUTONOMOUS)

(An UGC Autonomous Institution Approved by AICTE and Affiliated to JNTU Hyderabad. Accredited by NAAC with 'A' Grade (II - Cvcle)

Dr. S. SUDHAKARA REDDY M.Tech., M.B.A., Ph.D., LMISTE, FI.E., MI.S.M.E Principal

To

Date: 18.06.2019

Dr.V.Suresh Babu Professor, Department of Mechanical Engg., NIT Warangal

Dear Sir,

Sub: Meeting of the Board of Studies for Mechanical Engineering – UG & PG for the academic year 2019-20: Reg.

It is pleasure to invite you for the meeting of the Board of Studies for the Mechanical Engineering (UG and PG) during the academic year 2019-20. It is scheduled at 10:30 A.M. on 21st June, 2019 in the Mechanical Engineering Department, Malla Reddy Engineering College (Autonomous).

We request you to make it convenient to attend the meeting.

AGENDA:

- 1. Discussion and approval of the scheme and Syllabus of B.Tech. –Mechanical (CBCS) and M.Tech- Thermal Engineering for MR18 Regulations (for Batches starting from Academic Year 2018-19 onwards).
 - 2. Discussion and approval of the syllabus for offering subjects to other Departments.
 - 3. Suggestion and approval of Open Source Software for suitable lab experiments.
 - 4. Suggestion and approval of panel for Paper setters, Valuers for both theory and practical examinations.

Kindly confirm your consent in this regard at the earliest so as to plan a BOS meeting soon.

Thanking you,

Yours sincerely,

PRINCIP Malla Reddy EPRINGIRGICollege (Autonomous)

Maisammaguda, Dhulapally, Wia Kompally). See "bed acallon Email: principal@mrec.ac.in

www.mrec.ac.in





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Dr. S. SUDHAKARA REDDY M.Tech., M.B.A., Ph.D., LMISTE, FI.E., MI.S.M.E Principal

То

Date: 18.06.2019

Dr. Narasimhulu Sanke Professor, Department of Mechanical Engineering University College of Engineering (Autonomous) Osmania University Hyderabad - 500007

Dear Sir.

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Yours sincerely,

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Dr. S. SUDHAKARA REDDY M.Tech., M.B.A., Ph.D., LMISTE, FI.E., MI.S.M.E Principal

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Date: 18.06.2019

Dr. N. K. Singh General Manager, BHEL Corporate R & D Division Hydeabad

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Thanking you,

Yours sincerely,





MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS) Maisammguda,Dhulapally (Post Via Kompally) Secunderabad – 500 100

Department of Mechanical Engineering

21.06.2019

Board of Studies Meeting on 21-06-2019 at 10.30.AM

The Board of Studies Meeting of B.Tech (Mechanical Engineering) Programme is scheduled on 21-06-2019 at 10.30.AM in the Department of Mechanical Engineering, Conference Hall, Malla Reddy Engineering College, Hyderabad. The Agenda of the meeting is as follows:

AGENDA

- Action Taken Report (ATR) on previous BoS Meeting held in A.Y 2018-19
- Discussion and review of B. Tech.(ME), M.Tech.(TE) and M.Tech.(MD) MR18 regulations course schema and syllabus.
- Open Elective Subjects offered by Mechanical Engineering to other UG (B.Tech) Programmes
- 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.
- Suggestion and review on Innovative Teaching Practices followed 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.

W-Sween Balen 21/66/2019.

padence

Chairman BoS, (ME)

MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)

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

Department of Mechanical Engineering

21st June' 2019

The Board of Studies meeting for B.Tech. (ME)(UG Programme) is held in the conference hall, Malla Reddy Engineering College.

The following members have attended to review on matters such as Schema, Syllabus of MR18regulations (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.Yogesh Madaria	Assoc. & Head-ME	Chairman-BOS	Anduré
2.	Dr.K.Vijay Kumar Reddy	Professor, ME, JNTUH CEH	JNTUH Nominee	v
3.	Dr.V.Suresh Babu	Prof, ME, NIT Warangal	Subject Expert Member	1822 (6/19
4.	Dr.Narsimhulu Sanke	Professor ME-UCE(A), Osmania University.	Subject Expert Member	216/2010
5.	Dr. N. K. Singh	General Manager (Mechanical) BHEL Corporate R & D Division, Hyderabad	Expert Member from Industry	
6.	Dr.T.Ramachandran	Professor	Faculty Member	mme
7.	Dr.A.Raveendra	Professor	Faculty Member	Rand
8.	Dr.G.Sangamesh	Asst. Professor	Faculty Member	Æ
9.	Mrs.M.V.Varalakshmi	Assoc Professor	Faculty Member	M.J. Saralakat
10.	Mr. P. Akhil	[24]7.ai, Hyderabad	Alumni	Abbil

MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS) Maisammaguda, Dhulapally (Post via Kompally), Secunderabad-500 100. Department of Mechanical Engineering <u>Minutes of Meeting B.Tech (Mech. Engg.) - BoS</u>

June 21st, 2019

ILM

The Board of Studies meeting for the B.Tech (Mech. Engg.) is conducted on 21-06-2019 at 10:30 AM in the Conference Hall, Malla Reddy Engineering College (Autonomous), Secunderabad.

The following BoS Members have attended the Meeting:

1.	Dr. Yogesh Madaria	Assoc. Prof & Head-ME	Chairman-BOS
2.	Dr. K. Vijay Kumar Reddy	Professor, MED, JNTUHCEH	JNTUH Nominee
3.	Dr. V. Suresh Babu	Professor, ME, NIT Warangal	Subject Expert from
	in the norpeotive tabs,		outside Parent University
4.	Dr. Narsimhulu Sanke	Professor, ME, UCE, Osmania University	Subject Expert from outside Parent University
5.	Dr. N.K. Singh	GM,BHEL-R&D,Hyderabad	Expert from Industry
6.	Dr. T. Ramachandran	Professor	Faculty Member
7.	Dr. G.Sangamesh	Asst. Professor	Faculty Member
8.	Dr. A. Raveendra	Assoc. Professor	Faculty Member
9.	Mrs. M. V. Varalakshmi	Assoc. Professor	Faculty Member
10.	Mr. P. Akhil	[0.4]7 · xx · · ·	Alumni Representative

The following is the agenda for the meeting.

- Action Taken Report (ATR) on previous BoS Meeting held in A.Y 2018-19
- Discussion and review of B. Tech. (Mech. Engg.) MR18 regulations course schema and syllabi.

(MR14)

- Open Elective Subjects offered by Mechanical Engineering to other UG (B.Tech) Programmes
- 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.

1

• Approval of any other items with the permission of the Chairman.

At the outset, Dr. Yogesh Madaria, Head, Mech. Engg. Dept. and Chairman of the B.Tech (Mech. Engg.) Board of Studies, welcomed the members to the Board of Studies and appraised the purpose of the meeting. He also briefed about the previous BoS meeting, resolutions and placed on record, the existing syllabi of MR 18 regulations and also proposed modifications for MR18 regulations syllabi. Later, Board of Studies members have 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.

Resolutions approved after careful discussion and observations:

- 1. The revised scheme of instructions implemented as MR18 regulation B.Tech. (Mech. Engg.) course is approved by BoS members
- 2. The revised syllabus is implemented as MR18 B.Tech. (Mech. Engg.) course syllabus.
- 3. The software approved by the BoS members were installed in the respective labs.
- 4. The question paper setters and evaluators /examiners suggested for the B.Tech (Mech. Engg.) course is implemented.
- 5. B.Tech.(Mech. Engg.) Schema with overall 160 credits and practical course with single credit suggested by the committee is executed for MR18 Regulations
- 6. The *Basic Manufacturing Practices Lab* has been renamed into *Engineering Workshop* and the subjects *Machine Tools* and *Engineering Metrology* are combined into one subject as *Machine Tools and Metrology*.
- 7. The subject Electrical Drives and Micro-processors has been removed from the curriculum and the Finite Element Method subject is shifted from Professional core to Professional elective.
- 8. The Production Drawing Practice & Instrumentation lab is split into two different labs namely, Production Drawing Practice Lab and Instrumentation labs.
- 9. The credits for Mathematics subjects were increased from 3 to 4.
- 10. The BoS members suggested to shift the Engineering Graphics from 1st to 2nd semester, owing to some practical constraints, it is very difficult to shift the first semester to second one. As the subject is offered to Non-Circuit branches in the first semester and to Circuit branches in the second semester. In this way, the number of classes in both the semesters remain almost equal. Shifting the subject for one branch will disturb the distribution of number of classes.

Some suggestions for minor revision of syllabus were made by the members of the Board of studies. On discussion, it was decided to implement those revision from next regulation i.e. from July 2020.

MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS) Maisammaguda, Dhulapally (Post via Kompally), Secunderabad-500 100. Department of Mechanical Engineering <u>Minutes of Meeting B.Tech (Mech. Engg.) - BoS</u>

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Some suggestions for minor revision of syllabus were made by the members of the Board of studies. On discussion, it was decided to implement those revision from next regulation i.e. from July 2020.

Alumni Representative suggested to introduce some industry oriented training program (beyond the curriculum) during the semester. The members unanimously agreed to this and the same shall be implemented from the AY 2019-20.

Finally, Dr.Yogesh Madaria, Chairman -B.Tech(Mech)Board of Studieshas 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 noon.

Dr. K.Vijay Kumar Reddy N 2

Dr.V.SureshBabu

Dr.NarsimhuluSanke

Dr.N.K.Singh

Dr.T.Ramachandran R

Dr. G.Sangamesh

Dr.A.Raveendra Rend

Mrs.M.V.Varalakshmi

Mr. P. Akhil

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

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

June 21st, 2019

The action taken report for the 9thBoard of studies meeting for the B.Tech (ME) - BoS conducted on 20-12-2018 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 2019-20.

Chairman



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Date: 10.06.2019

ORDER

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2.	Dr.K.Vijay Kumar Reddy	Professor, ME, JNTUH CEH	Energy Systems	9866953636	vijayakumarredd y@gmail.com	University Nominee (Nominated by Vice Chancellor, JNTUH, Hyderabad
3.	Dr. Morapakala Srinivas	Assoc. Prof, ME Birla Institute of Technology & Science.	Thermal Engineering	9010202827	morasrini@hyder abad.bits- pilani.ac.in	Subject Expert (outside parent university)
4.	Dr.Narsimhulu Sanke	Professor ME-UCE (A), Osmania University	Thermal Engineering	9885415325	nsanke@osmania .ac.in	Subject Expert (outside parent university)
5.	Dr. N. K. Singh	General Manager (Mechanical) BHEL Corporate R & D Division, Hyderabad	Industry	8639555712	singhnk@bhel.in	Industry Expert
6.	Dr. M. Vijay Kumar	Assoc. Professor	Thermal Engineering	9701339886	Vijaykumar.iitm 37@gmail.com	Faculty Member
7.	Dr.Shaik Hussain	Assoc. Professor	Thermal Engineering	9966874496	hussainshaik.786 @gmail.com	Faculty Member
8.	Mr.P.Praveen Babu	Asst. Professor	Thermal Engineering	8008942271	Praveenbabu47@ gmail.com	Faculty Member
9.	Mr. V. Raja Ravi Teja	Sim tech Simulations Hyderabad	Thermal Engineering	9032037603	vrajaraviteja@g mail.com	Alumni (MR15 Batch)

Extineering College Malla Redd (Ardonomeus)

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То

Date: 18.06.2019

Dr. Morapakala Srinivas Assoc. Prof, ME Birla Institute of Technology & Science., Hyderabad

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Yours sincerely,

College Malla Reddy **Sollege** Autonomous Maisammaguda, Dhulapally, ac.in t Via Kompally). Socilamrec.ac.in Email: principal@mrec.ac.in ×H Dost Via Kompally). Sach Maisammaguda, Dhulapally (Post Via Kompally), Secunderabad - 500 100. www.mrec.ac.in Phone: 8885542037, Fax: 040-23792153



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Dr. S. SUDHAKARA REDDY M.Tech., M.B.A., Ph.D., LMISTE, F.LE., M.I.S.M.E Principal

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Date: 18.06.2019

Dr. Morapakala Srinivas Assoc. Prof, ME Birla Institute of Technology & Science., Hyderabad

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Vours sincerely, Yours sincerely, PRINCIPAL Malla Reddy Entreshing College (Autonomous) Maisammaguda, Dhulapally (Post Via Kompally), Secunderabad - 500 100. Phone: 8885542037, Fax: 040-23792153 WWW.mrec.ac.in WWW.mrec.ac.in



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3.	Dr. Morapakala Srinivas	Assoc. Prof, ME Birla Institute of Technology & Science.	Thermal Engineering	9010202827	morasrini@hyder abad.bits- pilani.ac.in	Subject Expert (outside parent university)
4.	Dr.Narsimhulu Sanke	Professor ME-UCE (A), Osmania University	Thermal Engineering	9885415325	nsanke@osmania .ac.in	Subject Expert (outside parent university)
5.	Dr. N. K. Singh	General Manager (Mechanical) BHEL Corporate R & D Division, Hyderabad	Industry	8639555712	singhnk@bhel.in	Industry Expert
6.	Dr. M. Vijay Kumar	Assoc. Professor	Thermal Engineering	9701339886	Vijaykumar.iitm 37@gmail.com	Faculty Member
7.	Dr.Shaik Hussain	Assoc. Professor	Thermal Engineering	9966874496	hussainshaik.786 @gmail.com	Faculty Member
8.	Mr.P.Praveen Babu	Asst. Professor	Thermal Engineering	8008942271	Praveenbabu47@ gmail.com	Faculty Member
9.	Mr. V. Raja Ravi Teja	Sim tech Simulations Hyderabad	Thermal Engineering	9032037603	vrajaraviteja@g mail.com	Alumni (MR15 Batch)

PRINCIPAL PRINCIPAL Malla Reddy Excineering College (Astonomens) Maisammaguda, Dhalapally, (Post Via Kompaliy), Sec'bad-500 100-



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MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS) Maisammguda,Dhulapally (Post Via Kompally) Secunderabad – 500 100

Department of Mechanical Engineering

Board of Studies Meeting on 21-06-2019 at 10.30 AM

The Board of Studies Meeting of M.Tech (Thermal Engineering) programme is scheduled on 21-06-2019 at 10.30 Noon in the Department of Mechanical Engineering conference hall, Malla Reddy Engineering College, Hyderabad. The Agenda of the meeting is as follows:

AGENDA

- 1. Discussion and approval of the course structure and syllabus of M.Tech. (Thermal Engineering) programme, MR18 Regulations (for the batches admitting from the Academic year 2018-19 onwards).
- 2. Open elective subjects offered by Thermal engineering programme to other PG (M.Tech) Programmes.
- 3. Suggestion of panel for Paper setters, Valuers for both theory and Laboratory
- 4. Delegation of power to the Chairman, BOS for inclusion and exclusion of the names of the panel for paper setters and valuers of both theory and Practicals.
- 5. Any other item with the permission of the chair.

the Jun June 2019

Chairman BOS

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MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)

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

Department of Mechanical Engineering

The Board of Studies meeting for M.Tech. (TE) (PG Programme) is held in the conference hall, Malla Reddy Engineering College.

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

SI. No	Name of the Member	Designation & Official Address	Status BoS	Signature
1.	Dr.Yogesh Madaria	Assoc.Professor & Head-ME	Chairman-BOS	Fradawa
2.	Dr.K.Vijay Kumar Reddy	Professor, ME, JNTUH CEH	JNTUH Nominee	uv
3.	Dr. Morapakala Srinivas	Assoc. Prof, ME, Birla Institute of Technology & Science.	Subject Expert Member	pray
4.	Dr.Narsimhulu Sanke	Professor ME-UCE(A), Osmania University.	Subject Expert Member	P 216/20
5.	Dr. N. K. Singh	General Manager (Mechanical) BHEL Corporate R & D Division, Hyderabad	Expert Member from Industry	
6.	Dr. M. Vijay Kumar	Assoc. Professor	Subject Expert Member	Attakum.
7.	Dr. Shaik Hussain	Assoc. Professor	Subject Expert Member	A Ì
8.	Mr.P.Praveen Babu	Asst. Prof	Subject Expert Member	Philip totog
9.	Mr. V. Raja Ravi Teja	Sim tech Simulations Hyderabad	Alumni	Repaliveting

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

Minutes of Meeting M.Tech (Thermal Engg.) - BoS

June21st, 2019

The Board of Studies (BoS) Meeting for the M.Tech. (Thermal Engg.) is conducted on 21-06-2019 at 10:30 AM in the Conference Hall, Malla Reddy Engineering College (Autonomous), Secunderabad.

The following BoS Members have attended the Meeting:

1.	Dr.Yogesh Madaria	Assoc. Prof & Head-ME	Chairman-BOS
2.	Dr. K. Vijay Kumar Reddy	Professor, MED, JNTUHCEH	JNTUH Nominee
3.	Dr. Morapakala Srinivas	Assoc Prof, MED, BITS, Hyderabad	Subject Expert from outside Parent University
4.	Dr. Narsimhulu Sanke	Professor, ME, UCE, Osmania University	Subject Expert from outside Parent University
5.	Dr. N.K. Singh	GM,BHEL-R&D,Hyderabad	Expert from Industry
6.	Dr. M. Vijay Kumar	Assoc. Professor	Faculty Member
7.	Dr. Shaik Hussain	Assoc. Professor	Faculty Member
8.	Mr.P.Praveen Babu	Asst. Professor	Faculty Member
9.	Mr. V. Raja Ravi Teja	Sim Tech Simulations, Hyderabad	Alumni Representative (MR 15)

The following is the agenda for the meeting.

- Action Taken Report (ATR) on previous BoS Meeting held in A.Y 2018-19
- Discussion and review of M.Tech. (TE) MR18 regulations course schema and syllabus.
- Suggestion and review panel of names for Question Paper Setters, and Examiners for both theory and practical examinations that will be submitted to the 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. Yogesh Madaria, HoD, Mech. Engg. 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 ATC of previous BOS meeting, resolutions and placed on record and modifications for MR18 regulations syllabus. Later Board of studies Members have, 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.

Resolutions 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. (Thermal Engineering) program 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. (Thermal Engineering) program from the academic year 2019-20 also.
- 2. The BoS members have agreed to suggested panel for paper setters and valuers/examiners for both theory and practical of all the subjects of M.Tech. (Thermal Engineering) Program.
- 3. The BOS has also resolved for delegation of power to the Chairman of BOS for inclusion/exclusion/modification of any of the above items, based on recommendations of the internal committee, as per the requirements.

Some suggestions for minor revision of syllabus were made by the members of the Board of studies. On discussion, it was decided to implement those revision from next regulation i.e. from July 2020.

Finally, Dr. Yogesh Madaria, Chairman – M.Tech. (Thermal Engineering) Board of Studies has expressed his sincere thanks to all the Members of the Board of Studies for their active participation and contribution. The meeting concluded at 1:00 PM.

Dr. Yogesh Madaria

Dr.K.Vijay Kumar Reddy

Dr. Morapakala Srinivas Story

Juden

Dr.Shaik Hussain

Dr.M.Vijay Kumar

Mr.P.PraveenBabu

Dr.NarsimhuluSanke

Mr. V. Raja Ravi Teja

Dr.N.K.Singh

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

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

June 21st, 2019

The action taken report for the 9th Board of studies meeting for the M.Tech (Thermal Engineering) - BoS conducted on 20-12-2018 at 10:30 AM for in the Department of mechanical engineering, Malla Reddy Engineering College (Autonomous), Hyderabad is follows

Resolution 1: The text books mentioned should be of the recent editions

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

Resolution 2: 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 3: 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.

30S°Chairman



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Date: 10.06.2019

ORDER

As per the UGC guidelines, the Mechanical Engineering-M.Tech-MD Board-of-Studies for the academic year 2019-20 and 2020-21 have been reconstituted as some of the members relieved from the institute.

S. No.	Name of the Member	Designation & Official Address	Subject Specialization	Contact No.	E-mail	Category
1.	Dr. Yogesh Madaria	Assoc. Professor & HOD- ME	Thermal Engineering	9981346535	mehod@mrec.ac .in	Chairman-BOS
2.	Dr.K.Vijay Kumar Reddy	Professor, ME, JNTUH CEH	Energy Systems	9866953636	vijayakumarredd y@gmail.com	University Nominee (Nominated by Vice Chancellor, JNTUH, Hyderabad
3.	Dr. V. Suresh Babu	Assoc. Prof, ME, NIT Warangal	Machine Design	9000416646	vsbabu@nitw.ac. in	Subject Expert (outside parent university)
4.	Dr. T. Ram Mohan Rao	Professor and Head, ME, Vasavi College of Engg Hyderabad	Machine Design	9440886144	trmrao@yahoo.c om	Subject Expert (outside parent university)
5.	Dr. N. K. Singh	General Manager (Mechanical) BHEL Corporate R & D Division, Hyderabad	Industry	8639555712	singhnk@bhel.in	Industry Expert
6.	Dr. R. Dharmalingam	Assoc.Professor	Engineering Design	9786029829	dharmalingamsn s@gmail.com	Faculty Member
7.	Dr.K. Mallikarjuna	Professor	Machine Design	7660916753	Mallikarjuna.gtl @gmail.com	Faculty Member
8.	Mr.K Srinivasa Rao	Assoc.Professor	Machine Design	9490317727	srinivas7727@g mail.com	Faculty Member
9.	Mr. Metpally Saikrishna	HCL, Hyderabad	Machine Design	9491558749	saikrishnametpal ly00@gmail.com	Alumni (MR15 Batch)

Malla Reddy Ineering College 4:40nomeus) Maisammaguda, Ghulapally, (Post Via Kompally), Sec'bad-500 100.

Email: principal@mrec.ac.in

www.mrec.ac.in



(AUTONOMOUS)

(An UGC Autonomous Institution Approved by AICTE and Affiliated to JNTU Hyderabad. Accredited by NAAC with 'A' Grade (II - Cvcle)

Dr. S. SUDHAKARA REDDY M.Tech., M.B.A., Ph.D., LMISTE, F.LE., M.LS.M.E Principal

To

Date: 18.06.2019

Dr. N. K. Singh General Manager, BHEL Corporate R & D Division Hydeabad

Dear Sir.

Sub: Meeting of the Board of Studies for Mechanical Engineering – UG & PG for the academic year 2019-20: Reg.

It is pleasure to invite you for the meeting of the Board of Studies for the Mechanical Engineering (UG and PG) during the academic year 2019-20. It is scheduled at 10:30 A.M. on 21st June, 2019 in the Mechanical Engineering Department, Malla Reddy Engineering College (Autonomous).

We request you to make it convenient to attend the meeting.

AGENDA:

- 1. Discussion and approval of the scheme and Syllabus of B.Tech. –Mechanical (CBCS) and M.Tech- Thermal Engineering for MR18 Regulations (for Batches starting from Academic Year 2018-19 onwards).
 - 2. Discussion and approval of the syllabus for offering subjects to other Departments.
 - 3. Suggestion and approval of Open Source Software for suitable lab experiments.
 - 4. Suggestion and approval of panel for Paper setters, Valuers for both theory and practical examinations.

Kindly confirm your consent in this regard at the earliest so as to plan a BOS meeting soon.

Thanking you,

Yours sincerely,



Malla Reddy ErRA Hacollege (Autonomous) Maisammaguda, Dhulapally,in Weil Generic Email: principal@mrec.a9/in www.mrec.ac.in



(AUTONOMOUS)

(An UGC Autonomous Institution Approved by AICTE and Affiliated to JNTU Hyderabad. Accredited by NAAC with 'A' Grade (II - Cycle)

Dr. S. SUDHAKARA REDDY M.Tech., M.B.A., Ph.D., LMISTE, F.LE., M.I.S.M.E Principal

То

Date: 18.06.2019

Dr. T. Ram Mohan Rao Professor and Head, ME, Vasavi College of Engg Ibrahimbagh, Hyderabad - 500 031

Dear Sir,

Sub: Meeting of the Board of Studies for Mechanical Engineering – UG & PG for the academic year 2019-20: Reg.

It is pleasure to invite you for the meeting of the Board of Studies for the Mechanical Engineering (UG and PG) during the academic year 2019-20. It is scheduled at 10:30 A.M. on 21st June, 2019 in the Mechanical Engineering Department, Malla Reddy Engineering College (Autonomous).

We request you to make it convenient to attend the meeting.

AGENDA:

- 1. Discussion and approval of the scheme and Syllabus of B.Tech. –Mechanical (CBCS) and M.Tech- Thermal Engineering for MR18 Regulations (for Batches starting from Academic Year 2018-19 onwards).
 - 2. Discussion and approval of the syllabus for offering subjects to other Departments.
 - 3. Suggestion and approval of Open Source Software for suitable lab experiments.
 - 4. Suggestion and approval of panel for Paper setters, Valuers for both theory and practical examinations.

Kindly confirm your consent in this regard at the earliest so as to plan a BOS meeting soon.

Thanking you,



Yours sincerely,

Malla Reddy Eng College (Autonomous Maisammaguda, Dhulapallac.in Email: principat@m www.mrec.ac.in



MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS) Maisammguda,Dhulapally (Post Via Kompally) Secunderabad – 500 100

Department of Mechanical Engineering

Board of Studies Meeting on 21-06-2019 at 10.30.AM

The Board of Studies Meeting of M.Tech (Machine Design) programme is scheduled on 21-06-2019 at 10.30 AM in the Department of Mechanical Engineering conference hall, Malla Reddy Engineering College, Hyderabad. The Agenda of the meeting is as follows:

AGENDA

- 1. Discussion and approval of the course structure and syllabus of M.Tech (Machine Design) programme, MR18 Regulations (for the batches admitting from the Academic year 2018-19 onwards).
- 2. Open elective subjects offered by Machine Design programme to other PG (M.Tech) Programmes.
- 3. Suggestion of panel for Paper setters, Valuers for both theory and Laboratory.
- 4. Delegation of power to the Chairman, BOS for inclusion and exclusion of the names of the panel for paper setters and valuers of both theory and Practical.
- 5. Any other item with the permission of the chair.

(N. Swreth Baber)

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MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)

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

Department of Mechanical Engineering

The Board of Studies meeting for M.Tech. (MD) (PG Programme) is held in the conference hall, Malla Reddy Engineering College.

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

SI. No	Name of the Member	Designation & Official Address	Status BoS	Signature
1.	Dr.Yogesh Madaria	Assoc.Professor & Head-ME	Chairman-BOS	Andenia
2.	Dr.K.Vijay Kumar Reddy	Professor, ME, JNTUH CEH	JNTUH Nominee	w)
3.	Dr.V.Suresh Babu	Prof, ME, NIT Warangal	Subject Expert Member	1P2
4.	Dr. T. RamaMohan Rao	Professor and Head, ME, Vasavi College of Engg Hyderabad	Subject Expert Member	Chi
5.	Dr. N. K. Singh	General Manager (Mechanical) BHEL Corporate R & D Division, Hyderabad	Expert Member from Industry	
6.	Dr. R. Dharmalingam	Assoc. Professor	Faculty Member	eth entr.
7.	Dr. K. Mallikarjuna	Professor	Faculty Member	K-Mallik
8.	Mr. K Srinivasa Rao	Assoc. Professor	Faculty Member	C.di-
9.	Mr. Metpally Saikrishna	Opti Design Solutions Hyderabad	Alumni	M. Soni Kon

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

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

June 21st, 2019

The Board of Studies Meeting for the M.Tech (Machine Design) is conducted on 21-06-2019 at 10:30AM in the Conference Hall, Malla Reddy Engineering College (Autonomous), Secunderabad.

The following BOS Members have attended the Meeting:

1.	Dr. Yogesh Madaria	Assoc. Prof & Head-ME	Chairman-BOS	
2.	Dr. K. Vijay Kumar Reddy	Professor, MED, JNTUHCEH	JNTUH Nominee	
3.	Dr. V. Suresh Babu	Professor, ME, NIT Warangal	Subject Expert from outside Parent	
4			University	
4.	Dr. T. Ram Mohan Rao	Professor and Head, ME, Vasavi College of Engg	Subject Expert from outside Parent	
F		Hyderabad	University	
5.	Dr. N.K. Singh	GM,BHEL-R&D,Hyderabad	Expert from Industry	
6.	Dr. K. Mallikarjuna	Professor	Faculty Member	
7.	Dr.R.Dharmalingam	Assoc. Professor	Faculty Member	
8.	Mr.K.Srinivasa Rao	Assoc. Professor	Faculty Member	
9.	Mr. Metpally Saikrishna	HCL, Hyderabad	Alumni (MR15)	

The following is the agenda for the meeting.

- Action Taken Report (ATR) on previous BoS Meeting held in A.Y 2018-19
- Discussion and review of M.Tech. (Machine Design) MR18 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.

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

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

Jun 21st, 2019

The action taken report for the 9thBoard of studies meeting for the M.Tech (Machine Design) - BoS conducted on 20-12-2018 at 10:30 AM in the Department of mechanical engineering, Malla Reddy Engineering College (Autonomous), Hyderabad is follows

Resolution 1: The text books mentioned should be of the recent editions

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

Resolution 2: Hand books should be placed in the reference section instead of placing in the text books.

Action Taken: Hand books which present in the text book are transferred to reference section.

Resolution 3: Course outcomes should be coherence with the syllabus contents.

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

Resolution 4: 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.

perdens **BoS** Chairman