



# Malla Reddy Engineering College

## (AUTONOMOUS)

(An UGC Autonomous Institution approved by AICTE and affiliated to JNTU Hyderabad, Accredited by NAAC with 'A' Grade (II - cycle)  
NBA Accredited Programmes - UG (CE, EEE, ME, ECE & CBE) PG (CE - Structural Engg., EEE-Electrical Power Systems, ME - Thermal Engg.).

### Department of chemistry

Date: 20/07/2021

### ORDER

The Board-of-Studies members Chemistry for the academic year 2021-22 have been reconstituted as some of the previous members relieved from the institute.

S. No.	Name of the Member	Designation & Official Address	Subject Specialization	Contact No.	Status
1	Dr. M. Vijaya Bhaskar Reddy	Assoc. Professor & HOD	Organic Chemistry	8297194349	Chairman- BOS
2	Dr. K. Vidya	Assistant Professor, Department of chemistry, Student's Advisor, JNTUHCEJ, JNTUH College of Engineering Jagtial,	Organic Chemistry	9849924120	University Nominee (Nominated by the Vice Chancellor, JNTUH, Hyderabad)
3	Dr. P. Veerasomaiah	Professor., O.U, Hyderabad.	Physical Chemistry	9247562742	Subject Expert Member (External) (Nominated by Academic Council)
4	Dr.Srinivasarao Yaragorla	Assistant Professor School of Chemistry, University of Hyderabad	Organic chemistry	9866286259	Subject Expert Member (External) (Nominated by Academic Council)
5	Dr. P. Samba Siva Reddy	M.D, Alta Vista Phyto Chemicals Pvt Ltd, Hyd	Bio-Organic	9849601776	Industry Expert
6	Dr. Ch. Mahender	Asst. Professor	Organic Chemistry	9908127749	Faculty Member (Internal)
7	Dr. T. Susmitha	Asst. Professor	Organic Chemistry	8919317230	Faculty Member (Internal)
8	D.Venkat Ramulu	Asst. Professor	Inorganic Chemistry	8106993872	Faculty Member (Internal)
9	T. Ramesh	Asst. Professor	Organic Chemistry	9502570894	Faculty Member (Internal)
10	M.V.Shruthi	Asst Professor., SCETW	EEE	9951018521	Alumni Member



*Ramesh*  
Principal

Principal  
Malla Reddy Engineering College  
Maisammaguda, Dhulapally



## **MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)**

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**Date: 21-07-2021**

### **Department of Chemistry**


#### **Board of Studies meeting held on 21.07.2021 at 3:00 PM**

The Board of Studies meeting for the Department of Chemistry is convened on 21.07.2021 at 3:00 PM through online mode in the conference hall, Malla Reddy Engineering College (Autonomous), Hyderabad.

The Agenda of the meeting is as follows.

### **AGENDA**

1. Action Taken Report (ATR) on previous BoS Meeting in A.Y 2020-21
2. Discussion and review of Chemistry subjects of B. Tech. MR21 regulations syllabus.
3. Suggestion and review of panel for Paper setters, and examiners for examinations.
4. Suggest methodologies for innovative teaching and evaluation techniques.
5. Suggestion of any activity related to research, teaching, extension and other academic activities in the department/college.
6. Delegation of power to the Chairman-BOS based on recommendations of the internal committee, for the inclusion and exclusion of any item as per requirements.
7. Approval of any other item with the permission of the Chairman.

  
(Dr. M. Vijaya Bhaskar Reddy)  
Chairman – BOS- Chemistry





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### Minutes of Meeting Chemistry BOS

21<sup>st</sup> July, 2021

The Board of studies meeting for the Chemistry is conducted on 21-07-2021 at 3:00 PM in the conference hall, Malla Reddy Engineering College (Autonomous), through online mode by Zoom meet, Hyderabad

The following BOS Members have attended the Meeting:

S. No	Name of the Member	Designation & Official Address	Category
1	Dr. M. VijayaBhaskar Reddy	Assoc. Prof. & HOD, Department of Chemistry, MREC(A)	Chairman - BOS
2	Dr. K. Vidya	Assistant Professor, Department of chemistry, Student's Advisor, JNTUHCEJ, JNTUH College of Engineering Jagtial,	University Nominee
3	Dr. P. Veerasomaiah	Professor of Chemistry, O.U, Hyderabad.	Subject Expert (outside the Parent University)
4	Dr.SrinivasaraoYaragorla	Assistant Professor School of Chemistry, University of Hyderabad	Subject Expert (outside the Parent University)
5	Dr. P. Samba Siva Reddy	M.D, Alta Vista Phyto Chemicals Pvt Ltd, Hyd.	Industry Expert
6	Dr. Ch. Mahender	Asst. Prof., MREC(A)	Faculty Member
7	Dr. T. Susmitha	Asst. Prof., MREC(A)	Faculty Member
8	Mr. D.VenkatRamulu	Asst. Prof., MREC(A)	Faculty Member
9	Mr. T. Ramesh	Asst. Prof., MREC(A)	Faculty Member
10	M.V.Shruthi	Asst. Prof., SCETW	Alumni

**The following is the agenda of the meeting:**

1. Action Taken Report (ATR) on previous BoS Meeting in A.Y 2020-21
2. Discussion and review of Chemistry subjects of B. Tech. MR21 regulations syllabus.
3. Suggestion and review of panel for Paper setters, and examiners for examinations.



4. Suggest methodologies for innovative teaching and evaluation techniques.
5. Suggestion of any activity related to research, teaching, extension and other academic activities in the department/college.
6. Delegation of power to the Chairman-BOS based on recommendations of the internal committee, for the inclusion and exclusion of any item as per requirements.
7. Approval of any other item with the permission of the Chairman.

At the outset, Dr. M. Vijaya Bhaskar Reddy, HOD and Chairman of the Chemistry - Board of Studies, welcomed the members to the BOS meeting and informed the purpose of the meeting. He also briefed about the previous BOS meeting resolutions and placed on record the existing syllabus of MR21 regulations and also proposed modifications in the syllabus. Later Board of studies Members have in detailed discussion, reviewed each item of the proposed agenda and finally the following items have been resolved unanimously by all the members of BOS.

**The following resolutions are made after careful discussion regarding the observations to be implemented in the next Regulations.**

1. BOS committee members suggested to include Numerical problems on EDTA in Module I.
2. Committee suggested to remove lime soda numerical problems in Module I.
3. BOS committee members Suggested to add quinhydrone electrode in module III for the determination of pH.
4. BOS Committee members suggested to remove named reactions in module IV (Beckmann rearrangement, Cannizaro reaction and Diels -Alder reaction)
5. BOS Committee members suggested to remove coupling constant and spin-spin coupling in Module IV.
6. BOS Committee members suggested to include introduction, classification and basic principle of UV,IR, NMR and their applications.
7. BOS Committee members suggested to include corrosion related experiments in engineering chemistry lab.
8. BOS Committee members suggested to include lab reference books in engineering chemistry lab syllabus.
9. BOS Committee members suggested to include BOD and COD in Module III of Environmental science
10. BOS Committee members suggested to mention course objectives in point wise.
11. BOS Committee members suggested to remove Tg and Tm concept in Module I of open elective POLYMER CHEMISTRY.

  
**BOS-CHAIRMAN**





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### Department of Chemistry

#### **Board of Studies meeting held on 21.07.2021 at 3:00 PM**

The Board of Studies meeting for the Department of Chemistry is convened on **21.07.2021 at 3:00 PM** through online mode by Zoom meet in the conference hall, Malla Reddy Engineering College (Autonomous), Hyderabad


#### **Action Taken Report (ATR) on previous BoS Meeting in AY 2020-21**

The previous Board of studies meeting in AY 2020-21 was held on dt: 21<sup>st</sup> July 2021. The following are the resolutions made in the meeting and corresponding action taken are as follows.

**Engineering Chemistry syllabus was not changed in MR21. MR20 regulation syllabus is implementing for the Academic year 2021-22.**

**BOS members collectively suggested the following suggestions and will be implemented in the next regulation onwards.**

1. BOS committee members suggested to include Numerical problems on EDTA in Module I.
2. Committee suggested to remove lime soda numerical problems in Module I.
3. BOS committee members Suggested to add quinhydrone electrode in module III for the determination of pH.
4. BOS Committee members suggested to remove named reactions in module IV (Beckmann rearrangement, Cannizzaro reaction and Diels –Alder reaction)
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11. BOS Committee members suggested to remove Tg and Tm concept in Module I of open elective POLYMER CHEMISTRY.

  
(Dr. M. Vijaya Bhaskar Reddy)  
Chairman – BOS- Chemistry



# MALLA REDDY ENGINEERING COLLEGE

(Autonomous)

Maisammaguda, Dhullapally, Secunderabad-500100



## Department of Physics

17-07-2021

### **Board of Studies meeting held on 16.07.2021 at 6:00 PM**

The Board of Studies meeting for the Department of Physics is convened on 16.07.2021 at 6:00 PM in online mode on zoom platform.

The agenda of the meeting is as follows.

### **AGENDA**

1. Action Taken Report (ATR) on previous BoS Meeting.
2. Review of Physics syllabus (both theory and lab) for MR20 Regulations.
3. Discussion and finalization of Physics syllabus (both theory and lab) for MR21 regulations.
4. Suggestion and review of panel of Paper setters, and examiners for both theory and practical examinations that will be submitted for the approval of Academic council.
5. Delegation of power to the Chairman-BOS, for the inclusion and exclusion of any item as per requirements, based on recommendations of the internal committee.
6. Approval of any other item with the permission of the Chairman.

Chairman - BoS Physics  
(Dr. P. Siva Kumar)





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Date: 13.07.2021

## ORDER

The Board-of-Studies Physics for the academic year 2021-22 to 2023-24 have been reconstituted as some of the previous members relieved from the institute.

S. No.	Name of the Member	Designation & Official Address	Subject Specialization	Contact Number	Category
1	Dr. P. Siva Kumar	Assoc. Prof. & HOD, Department of Physics, MREC(A)	Physics	97031 04679	Chairman- BOS
2	Dr.Suresh Sripada	Asst. Professor, Department of Physics, JNTUH CEJ.	Physics	9182433694	University Nominee (Nominated by the Vice Chancellor, JNTUH, Hyderabad)
3	Dr. I. V. Subba Reddy	Assoc. Professor of Physics, Coordinator, Academic and Sponsored Research, GITAM University, Hyderabad campus.	Physics	9618177690	Subject Expert (outside the Parent University)
4	Dr. Venkataiah Gorige	Asst. Prof., School of Physics, University of Hyderabad, Hyderabad.	Physics	98661 41602	Subject Expert (outside the Parent University)
5	Dr.M. Sree Ramana,	Scientist – F, RCI Hyderabad.	Physics	9491243896	Industry Expert
6	Dr. A. Gurusampath Kumar	Asst. Prof.,MREC(A)	Physics	9985102547	Faculty Member
7	Mr. Kesava Vamsi Krishna V.	Assoc. Prof., MREC(A)	Physics	90302 34705	Faculty Member
8	Dr. L V N S Soma Sundar	Asst. Prof., MREC(A)	Physics	9246069772	Faculty Member
9	Ms.Nagole Mamatha	Software Engineer,Capgemini	Alumni	9100744536	Alumni

  
Principal

Dr. A. Raveendra

Malla Reddy Engineering College  
(Autonomous)





Physics HOD &lt;phyhod@mrec.ac.in&gt;

## Approval for modified syllabus as on July 16th 2021

9 messages

Physics HOD &lt;phyhod@mrec.ac.in&gt;

To: sureshripada2020@gmail.com, Venkataiah GORIGE &lt;gvenkataiah@gmail.com&gt;, BOS Dr M Sree Ramana &lt;sreeramana@rcilab.in&gt;, isubbareddy@rediffmail.com

Mon, Aug 9, 2021 at 10:34 AM

Dear Sir, I am Dr. P.Sivakumar, HoD, Department of Physics, Malla Reddy Engineering College (A). The syllabus has been modified as per your suggestions in BoS held on 16th July 2021. In this pandemic situation it is difficult to take signatures on hard copies of syllabus due to COVID-19. We are requesting you to send reply mail with approval. Here I am attaching syllabus copies of both theory and lab along with minutes of meeting.

Thanks &amp; Regards

Dr.P.Sivakumar

M.Sc., M.Tech, Ph.D.

HOD, Dept of Physics

Malla Reddy Engineering College (Autonomous)

Hyderabad

## 4 attachments

 BoS\_Physics\_Minutes of the meeting\_16 July 2021.pdf  
103K

 MR21\_Open Electives Approved Syllabus\_v1.0\_01 Aug 2021.doc  
84K

 MR21\_Physics Theory Approved syllabus v1.0\_01 Aug 2021.doc  
109K

 MR21\_Physics Lab Approved syllabus.doc  
66K

Dr.I. V. Subba Reddy &lt;isubbareddy@rediffmail.com&gt;

To: phyhod@mrec.ac.in

Mon, Aug 9, 2021 at 12:02 PM

Cc: sureshripada2020@gmail.com, gvenkataiah@gmail.com, sreeramana@rcilab.in

Dear Sir,

I have gone through the attachments which you have communicated to me and accepting the modifications and approving the syllabus.

Once again thank you very much for all your team members in supporting in the design of the syllabus.

With best regards

Dr I V Subba Reddy

Associate Professor of Physics &amp;

Coordinator-AR &amp; SR

GITAM-Hyderabad

Rudraram, Patancheru (Mandal), SangaReddy (Dist)- 502 032,  
Telangana, India

Ph: 08455221290 (Off)

Ph: +91-9618177690 (Mob)

On Mon, 09 Aug 2021 10:34:20 +0530 Physics HOD wrote

[Quoted text hidden]

Dr. I. Venkata Subba Reddy

Associate Professor of Physics &amp;

Coordinator-Academic Research &amp; Sponsored Research

GITAM University-Hyderabad Campus

Rudraram (V), Patancheru (Mandal)

SangaReddy (Dist) - 502 329

Telangana, India

Ph : +91-9618177690/7680076172 (Mob)

+91-8455221290(O)

DR.I.V.SUBBA REDDY

RESEARCH SCIENTIST

Research Institute for

Sustainable Humanosphere (RISH)

Kyoto University

Gokasho, Uji, Kyoto - 6110011, JAPAN

Ph : +81-774-38-4607 (Off)

Fax : +81-774-31-8463

Email: ivsreddy@rish.kyoto-u.ac.jp

Physics HOD &lt;phyhod@mrec.ac.in&gt;

To: "Dr.I. V. Subba Reddy" &lt;isubbareddy@rediffmail.com&gt;

Mon, Aug 9, 2021 at 4:24 PM

Thank you sir



8/23/2021

MREC Mail - Approval for modified syllabus as on July 16th 2021

Thanks & Regards

Dr. P. Sivakumar

M.Sc., M.Tech, Ph.D.

HOD, Dept of Physics

Malla Reddy Engineering College (Autonomous)

Hyderabad

[Quoted text hidden]

Venkataiah GORIGE <gvenkataiah@gmail.com>

To: "Dr. I. V. Subba Reddy" <isubbareddy@rediffmail.com>

Cc: Physics HOD <phyhod@mrec.ac.in>, sureshsripada2020@gmail.com, sreeramana@rcilab.in

Wed, Aug 11, 2021 at 4:49 AM

Dear Sir,

The mentioned syllabus in the attachments has been approved.

Many thanks & Regards

Venkataiah Gorige

School of Physics

University of Hyderabad

On Mon, Aug 9, 2021 at 12:02 PM Dr. I. V. Subba Reddy <isubbareddy@rediffmail.com> wrote:

[Quoted text hidden]

Physics HOD <phyhod@mrec.ac.in>

To: Venkataiah GORIGE <gvenkataiah@gmail.com>

Wed, Aug 11, 2021 at 9:30 AM

Thank you sir

Thanks & Regards

Dr. P. Sivakumar

M.Sc., M.Tech, Ph.D.

HOD, Dept of Physics

Malla Reddy Engineering College (Autonomous)

Hyderabad

[Quoted text hidden]

Dr Suresh Sripada <sureshsripada2020@gmail.com>

To: Physics HOD <phyhod@mrec.ac.in>

Cc: Venkataiah GORIGE <gvenkataiah@gmail.com>, BOS Dr M Sree Ramana <sreeramana@rcilab.in>, isubbareddy@rediffmail.com

Sat, Aug 21, 2021 at 10:07 AM

Dear sir/ rgadam

I am Dr. Suresh Sripada, BOS nominee of JNTUH, accepting and approving the syllabus of following subjects and respective labs after modifications and suggestions incorporated in the syllabus as per the BOS meeting held on 16th July 2021.

1. Engineering Physics
2. Applied Physics
3. Semiconductor Physics
4. Applied Physics lab
5. Engineering Physics lab
6. Open Electives- Advanced physics for Engines
7. Open Electives - Nano materials, and
8. NDT and Vacuum Technology

I request you further proceed the process of the same accordingly as per the guidelines

With regards

Dr. Suresh Sripada

[Quoted text hidden]

Physics HOD <phyhod@mrec.ac.in>

To: Dr Suresh Sripada <sureshsripada2020@gmail.com>

Sat, Aug 21, 2021 at 10:09 AM

Thank you sir

[Quoted text hidden]

Dr. M Sree Ramana <sreeramana@rcilab.in>

To: Physics HOD <phyhod@mrec.ac.in>

Sun, Aug 22, 2021 at 9:15 AM

Dear Dr. Sivakumar

The modified syllabi of the subjects discussed in the BoS meeting on 16-07-2021 is hereby accorded approval from my side.

Regards

Sree Ramana

Dr. M. Sree Ramana

Scientist F

8/23/2021

MREC Mail - Approval for modified syllabus as on July 16th 2021

Directorate of Laser Systems

Research Centre Imarat

Vignyana Kancha P.O.

Hyderabad - 500069

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From: Physics HOD <phyhod@mrec.ac.in>

Sent: Monday, August 9, 2021 10:34 AM

To: sureshsripada2020@gmail.com; Venkataiah GORIGE; Dr. M Sree Ramana; isubbareddy@rediffmail.com

Subject: Approval for modified syllabus as on July 16th 2021

[Quoted text hidden]

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Physics HOD <phyhod@mrec.ac.in>

To: "Dr. M Sree Ramana" <sreeramana@rcilab.in>

Sun, Aug 22, 2021 at 9:23 AM

Thank you sir

[Quoted text hidden]





# MALLA REDDY ENGINEERING COLLEGE



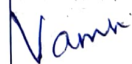

(AUTONOMOUS)

Maisammaguda, Dhullapally, Secunderabad-500100

Department of Physics

## Board of Studies meeting held on 16.07.2021 at 6:00 PM

The Board of Studies meeting for Physics is held on 16-07-2021 in online mode through zoom platform. The following members have attended to review the syllabus of MR20 regulations and other points as per agenda.

S. No	Name of the Member	Designation & Official Address	Category	Signature
1	Dr. P. Siva Kumar	Assoc Prof. & HOD, Department of Physics, MREC(A)	Chairman - BOS	
2	Dr. Suresh Sripada	Asst. Professor, Department of Physics, JNTUH CEJ.	University Nominee	
3	Dr. I. V. Subba Reddy	Assoc. Professor of Physics, Coordinator, Academic and Sponsored Research, GITAM University, Hyderabad campus.	Subject Expert (outside the Parent University)	
4	Dr. Venkataiah Gorige	Assistant Professor, School of Physics, University of Hyderabad, Hyderabad.	Subject Expert (outside the Parent University)	
5	Dr. M. Sree Ramana,	Scientist – F, RCI Hyderabad.	Industry Expert	
6	Dr. A. Gurusampath Kumar	Asst. Prof., MREC(A)	Faculty Member	
7	Mr. Kesava Vamsi Krishna V.	Assoc. Prof., MREC(A)	Faculty Member	
8	Dr. L V N S Soma Sundar	Asst. Prof., MREC(A)	Faculty Member	
9	Ms. Nagole Mamatha	Software Engineer, Capgemini	Alumni	

## **Action Taken Report (ATR) on previous BoS Meeting in AY 2020-21**

### **• Semiconductor Physics**

**Resolution 1:** Quantum Physics to be replaced with Quantum mechanics.

**Action Taken:** As per the BOS committee member's instruction, Quantum Physics module is replaced with Quantum mechanics for the CSE and IT branches.

**Resolution 2:** The topic 'Elemental semiconductors and Compound semiconductors' should be inserted at the beginning of the first part of the Module titled Semiconductor Physics, prior to the topic Intrinsic and Extrinsic semiconductors'.

**Action Taken:** According to BOS resolution, the 'Elemental and compound semiconductors' was inserted at the first topic of the module entitled "Semiconductor Physics".

**Resolution 3:** The topic 'Ruby LASER' should be introduced in the LASER chapter besides He - Ne LASER and Semiconductor LASER.

**Action Taken:** The changes recommended by BOS committee members has implemented in revised MR 20 regulations.

**Resolution 4:** Applications of LASER, Losses in optical fibers and Applications of optical fibers should be specifically mentioned.

**Action Taken:** Yes, Implemented and updated the 'Laser and Optical fiber' module based on BOS committee suggestions.

**Resolution 5:** 'Boolean algebra and logic gates' chapter should be renamed as 'Introduction to Digital Electronics'

**Action Taken:** Yes, renamed the 'Boolean algebra and logic gates' chapter as "Introduction to Digital Electronics" based on the recommendations from the BOS members.

**Resolution 6:** XOR gate should be appended to other logic gates.

**Action Taken:** Action taken accordingly as per the recommendations by the BOS members.

**Resolution 7:** Level of integration to be reframed.

**Action Taken:** Yes, Reframed the 'Level of Integration' topic in "Introduction to digital Electronics" module based on the recommendations of BOS Committee.

**Resolution 8:** The words 'various branches of Engineering' should be appended at the end in the Course objective.

**Action Taken:** Action taken accordingly as recommended by the BOS Committee.

**Resolution 9:** The course outcome number 04 should be rewritten as 'explain the working of 3 LASERs'.

**Action Taken:** Yes, Updated the Course outcome number 04 accordingly based on BOS Committee recommendations.

### **• Applied Physics**

**Resolution 1:** All the related recommendations made in 'Semiconductor Physics' paper are applicable here.



**Action Taken:** As per the BOS committee recommendations, Implemented in Applied physics too.

- ***Engineering Physics***

**Resolution 1:** Specific applications of Ultrasonics should be introduced.

**Action Taken:** Action taken accordingly as recommended by the BOS Committee.

**Resolution 2:** Homo junction Semiconductor diode LASER should be introduced in LASER chapter.

**Action Taken:** Yes, Introduced the 'Homo junction Semiconductor diode LASER' in "LASERS and OPTICAL FIBER" module as per the BOS Instructions.

**Resolution 3:** Applications of LASER, Losses in optical fibers and Applications of optical fibers should be specifically mentioned.

**Action Taken:** Yes, Implemented and updated the 'Laser and Optical fiber' module based on BOS committee suggestions.

**Resolution 4:** The topic 'Determination of dielectric constant' should be introduced in the chapter 'Dielectric properties'.

**Action Taken:** As per the BOS committee recommendations, introduced the topic 'Determination of dielectric constant' in "Dielectric properties" module.

**Resolution 5:** The topic 'Types of nano materials' should be introduced at the beginning in the chapter 'Nano materials'

**Action Taken:** The changes recommended by BOS committee members in Engineering Physics have been implemented in revised MR 20 regulations.

- ***Applied Physics Lab***

The proposed syllabus for Applied Physics lab is approved by the members.


- ***Engineering Physics Lab***

**Resolution 1:** Ultrasonic interferometer

**Action Taken:** Yes, Introduced the Ultrasonic Interferometer experiment as a demonstration in Engineering Physics lab.

**Resolution 2:** Determination of wavelength of LASER using Diffraction grating.

**Action Taken:** Action taken accordingly as recommended by the BOS Committee.

  
Chairman - BoS Physics  
(Dr. P. Siva Kumar)



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Telangana State – 500100, [www.mrec.ac.in](http://www.mrec.ac.in)

## **Department of Physics**

**July 16, 2021.**

### **Board of the Studies meeting**

#### **Minutes of the meeting**

##### **Agenda:**

Owing to the COVID19 pandemic, the Board of Studies meeting is conducted online using the Zoom platform. The following is the agenda:

1. Action Taken Report (ATR) on previous BoS Meeting.
2. Review of Physics syllabus (both theory and lab) for MR20 Regulations
3. Discussion and finalization of Physics syllabus (both theory and lab) for MR21 regulations.
4. Suggestion and review of panel of Paper setters, and examiners for both theory and practical examinations that will be submitted for the approval of the Academic council.
5. Delegation of power to the Chairman-BOS, for the inclusion and exclusion of any item as per requirements, based on recommendations of the internal committee.
6. Approval of any other item with the permission of the Chairman.

##### **Minutes:**

1. Dr P. Siva Kumar, HoD (Physics) and Chairman – BoS for Physics formally welcomed all the participants to the meeting. He introduced all the members to each other. The Action Taken Report (ATR) on the previous BoS meeting is submitted by the Chairman, BoS.
2. The physics syllabus (both theory and lab) under MR20 regulations is reviewed by the honourable members.
3. Honourable members are actively involved in the deliberations to finalize the syllabus for MR21 regulations and the following resolutions are made:



Course code	Title of the Course	Branch offered for	Year - Semester
B0B09	Semiconductor Physics	B. Tech. CSE(AI&ML), B. Tech. CSE(Cyber Security), B. Tech. CSE(IoT), B. Tech. CSE(Data Science), B. Tech. AI&ML	I – I
		B. Tech. CSE, B. Tech. IT	I – II
B0B10	Applied Physics	B. Tech. EEE, B. Tech. ECE	I – II
B0B12	Engineering Physics	B. Tech. CE, B. Tech. ME, B. Tech. Mining	I – II
B0B11	Applied Physics Lab	B. Tech. CSE(AI&ML), B. Tech. CSE(Cyber Security), B. Tech. CSE(IoT), B. Tech. CSE(Data Science) B. Tech. AI&ML	I – I
		B. Tech. CSE, B. Tech. IT, B. Tech. EEE, B. Tech. ECE	I – II
B0B13	Engineering Physics lab	B. Tech. CE, B. Tech. ME, B. Tech. Mining	I – II

3.1 The following modifications are advised in the syllabus proposed for Semiconductor physics:

3.1.1 The topic discussion on the Black-body radiation spectrum should be reframed as Planck's theory of black body radiation, deduction of Wein's displacement law and Rayleigh-Jean's law.

3.1.2 Heisenberg's Uncertainty Principle topic should be rephrased as 'Heisenberg's Uncertainty Principle and its application (Electron cannot exist inside the nucleus)'. This topic should be placed before Schrodinger's Time Independent Wave Equation.

3.1.3 The initial topics in Module – II: Band Theory of Solids should be reframed as 'Introduction, Postulates and drawbacks of Classical Free electron Theory, Fermi – Dirac distribution function, Postulates and drawbacks of Sommerfeld Theory.

3.1.4 Modifications advised in Module – III: Semiconductor Physics are –

3.1.4.1 Elemental and Compound Semiconductors can be

replaced with Introduction followed by Intrinsic and Extrinsic Semiconductors.

3.1.4.2 Qualitative treatment of Fermi energy level in intrinsic and extrinsic semiconductors should be replaced with 'Variation of Fermi level with respect to temperature and doping concentration'.

3.1.4.3 Drift and diffusion should be rephrased as 'Drift and Diffusion mechanisms'

3.1.4.4 The topics on PN junction diode, LED and Solar cell should be rephrased as 'PN junction diode, Energy diagram, V-I characteristics; Construction and working of Photodiode, LED & Solar cell and their applications'.

3.1.5 Modifications advised in Module – IV: LASER and Optical fibers are:

3.1.5.1 The topic 'Three and four-level LASER systems' can be removed.

3.1.5.2 Different types of LASER should be listed out during the discussion in the class before going for a detailed discussion on Ruby LASER, He- Ne LASER, Semiconductor LASER (Homo junction and heterojunction).

3.1.6 Course objectives that map with the course outcomes should be written using Bloom's taxonomy.

3.2 The following modifications are advised in the syllabus proposed for Applied Physics:

3.4.1. The corrections as advised for the first four modules in Semiconductor physics should be adopted as such in Applied Physics.

3.4.2. Module IV – LASER and Optical fibers and Module V – Electromagnetic theory should be swapped and accordingly necessary corrections should be made in Course objectives and course outcomes.

3.4.3. Course outcome 4 should be removed.

3.3 The following modifications are advised in the syllabus proposed for Engineering Physics:

3.3.1. The topic 'Electrical and Mechanical analogy for a simple oscillator' should be replaced with 'Electrical and Mechanical analogy for a Simple



oscillator and Forced oscillator' in Module – I.

3.3.2. The topic 'Acoustic quieting' should be appended in the Acoustics chapter in Module – II Acoustics and Ultrasonics.

3.3.3. The topic 'LASER angioplasty' to be replaced with 'assessment of life of a structure' in the Optical fibers chapter in Module III – LASER and Optical Fibers.

3.3.4. The internal field should be discussed Quantitatively in 'Dielectric properties' chapter in Module V.

3.3.5. The following are the modifications advised in the chapter 'Nano materials':

3.3.5.1. Synthesis of nanomaterials should be modified as 'Synthesis of nanomaterials, Top-down and Bottom-up approach

3.3.5.2. Replace Chemical Vapour Deposition with Ball milling.

3.3.5.3. Applications relevant to Civil, Mechanical and Mining engineering should be identified.

3.4 It is decided to adopt the syllabus for the three open electives – Advanced Physics for Engineers, Nanomaterials, NDT & Vacuum Technology from MR20 regulations. However, a major revamp in the syllabus of open electives is recommended and agreed upon in the upcoming MR22 regulations. The following advices are made with respect to Open electives:

3.4.1. The open elective 'Advance Physics for Engineers' to be replaced with a new subject based on the Start- up and Make in India concepts and with the relevant physics concepts.

3.4.2. The syllabus of the open electives - Nanomaterials and NDT & Vacuum technology to be thoroughly reframed and revised in the next BoS meeting.

4. Members suggested the panel of examiners and paper setters for both theory and lab examinations.

5. Chairman – BoS for Physics is permitted to exercise his power to include or exclude any topic from the syllabi after a thorough discussion with the internal members of the BoS and the other faculty members of the department.

  
Chairman, BoS for Physics



# MALLA REDDY ENGINEERING COLLEGE

(Autonomous)

Maisammaguda, Dhullapally, Secunderabad-500100

## Department of Mathematics

17.07.2021

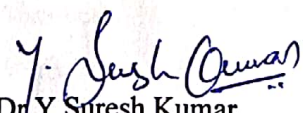
### **Board of Studies meeting held on 17.07.2021 at 06:30 PM**

The Board of Studies meeting for the Department of Mathematics is convened on 17.07.2021 at 06:30 PM through online mode.

The Agenda of the meeting is as follows.

### **AGENDA**

1. Action Taken Report (ATR) on previous BoS Meeting in A.Y 2020-21
2. Discussion and review of Mathematics subjects of B. Tech. MR21 regulations syllabus.
3. Suggestion and review of panel for Paper setters, and examiners for examinations.
4. Suggest methodologies for innovative teaching and evaluation techniques.
5. Suggestion of any activity related to research, teaching, extension and other academic activities in the department/college.
6. Delegation of power to the Chairman-BOS based on recommendations of the internal committee, for the inclusion and exclusion of any item as per requirements.
7. Approval of any other item with the permission of the Chairman.

  
Dr Y Suresh Kumar  
Chairman – BOS- Mathematics



# MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)

## Department of Mathematics

The Board of Studies meeting for Mathematics is held through online mode on 17.07.2021

The following members have attended to review the B.Tech Mathematics syllabus of MR21 regulations, Mathematics related subjects and other points as per agenda.

S. No	Name of the Member	Designation & Official Address	Category	Signature
1	Dr Y Suresh Kumar	Assoc. Prof. & HOD, Department of Mathematics, MREC(A)	Chairman - BOS	<i>Y. Suresh Kumar</i>
2	Dr. M A Srinivas	Professor, JNTUH, Hyderabad.	University Nominee	— ONLINE —
3	Dr.B Ravindra Reddy	Assoc. Professor, JNTUH, Hyderabad.	Subject Expert	— ONLINE —
4	Dr. C Subrahmanya Sastry	Assoc. Professor, IIT, Hyderabad.	Subject Expert	— ONLINE —
5	Dr D Srinivasacharya	Professor, NIT Warangal	Subject Expert	— ONLINE —
6	Dr. V V Haragopal	Professor, BITS, Hyderabad	Industry Nominee	— ONLINE —
7	Dr.G Rami reddy	Professor, Dept. of Mathematics	Faculty Member	<i>G. R. Reddy</i>
8	Dr. P Sarada Devi	Asst. Professor, Dept. of Mathematics	Faculty Member	<i>P. K.</i>
9	Mr. G Gangadhar	Asst. Professor, Dept. of Mathematics	Faculty Member	<i>G. Gangadhar</i>
10	Ms. G Deepika	Jr. Engineer, Hyderabad Road Development Corporation	Alumni	— ONLINE —



# Malla Reddy Engineering College

## (AUTONOMOUS)

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NBA Accredited Programmes - UG (CE, EEE, ME, ECE & CSE) PG (CE - Structural Engg., EEE-Electrical Power Systems, ME - Thermal Engg.).

Date: 17.07.2021

### ORDER

Malla Reddy Engineering College (Autonomous) is a self-financed UGC-Autonomous Institution; Approved by AICTE and affiliated to Jawaharlal Nehru Technological University, Hyderabad, recognized under 2(f) & 12 (B) of UGC Act 1956, Accredited by NAAC with 'A' Grade (II Cycle) and NBA (UG-CE, EEE, ME, ECE, CSE & PG-SE, TE and EPS). The departments academic activities are governed through Board of Studies which is responsible for its overall framing of schema and syllabus for various courses in the keeping the objectives of the department and college, interest of the stakeholders and national requirement for consideration and forwards to Academic Council for approval.

The Board of Studies Mathematics for the Academic Years 2021-22 to 2023-24 have been reconstituted as per the UGC guidelines with the following members.

S. No.	Name of the Member	Qualification	Phone no. & e-mail id	Subject Specialization	Position	Category
<b>Chairman (Head of the Department concerned)</b>						
1	Dr Y Suresh Kumar	Assoc. Prof. & HOD, Department of Mathematics, MREC(A)	9177770282, Suresh.mscf@gmail.com	Mathematics	Chairman	Chairman
<b>One expert to be nominated by the Vice-Chancellor of the Affiliating University</b>						
2	Dr. Mantripragada Ananatasatya Srinivas	Professor, JNTUH, Hyderabad.	9490745460, massrinivas@jntuh.ac.in, massrinivas@gmail.com	Mathematics	Member	University Nominee
<b>Three subject experts from outside the Parent University to be nominated by the Academic Council</b>						
3	Dr.B Ravindra Reddy	Assoc. Professor, JNTUH, Hyderabad.	9949567359, rbollareddy@gmail.com	Mathematics	Member	Subject Expert
4	Dr. C Subrahmanya Sastry	Assoc. Professor, IIT, Hyderabad.	9963128002, csastry@iith.ac.in	Mathematics	Member	Subject Expert
5	Dr D. Srinivasacharya	Professor, NIT warangal	9849187249, dsc@nitw.ac.in	Mathematics	Member	Subject Expert
<b>One representative from industry/corporate sector/allied area relating to placement.</b>						
6	Dr V V Haragopal	Director (AI and ML), Aizant Global Analytics, Kompally, Hyderabad	9849083995, haragopalvajjha@gmail.com	Statistics	Member	Industry Expert
<b>The faculty of specialization.</b>						
7	Dr. G Rami Reddy	Professor, Dept. of Mathematics	9949164505, dr.g.ramireddy76@gmail.com	Mathematics	Member	Teaching staff
8	Dr. P Sarada Devi	Asst. Professor, Dept. of Mathematics	7032693705, sarada.chakireddy@gmail.com	Mathematics	Member	Teaching staff
9	Mr. G Gangadhar	Asst. Professor, Dept. of Mathematics	9948941817, gangadharg001@gmail.com	Mathematics	Member	Teaching staff
<b>One postgraduate meritorious alumnus to be nominated by the principal.</b>						
10	Ms. G Deepika	Jr. Engineer, Hyderabad Road Development Corporation	7032996233, deepikagujja01@gmail.com	B.Tech Civil Engineer	Member	Alumni (MR15Batch)

*R. V. V. Haragopal*  
PRINCIPAL



# MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)

Department of Mathematics

20<sup>th</sup> July 2021.

## Minutes of Meeting Mathematics BOS

The 15<sup>th</sup> Board of Studies meeting for Mathematics is held on 17<sup>th</sup> July 2021 through online.

Formally Head of the Department and Chairman BOS Dr Y Suresh Kumar welcomed the members of the BOS to the meeting.

The following members have attended to review Syllabus of MR21 regulations Mathematics related subjects, Quantitative aptitude and Reasoning for III B.Tech of MR21 regulations and other points as per agenda.

Dr Y Suresh Kumar	-	Chairman BOS
Dr. M A Srinivas	-	Member – Subject Expert (University Nominee)
Dr. C S Sastry	-	Member – Subject Expert (External Member)
Dr. B Ravindra Reddy	-	Member – Subject Expert (External Member)
Prof. V V Haragopal	-	Member – Subject Expert (Industry Nominee)
Dr. D Srinivasacharya	-	Member – Subject Expert (External Member)
Dr. G Rami Reddy	-	Member – Subject Expert (Internal Member)
Dr. P Sarada Devi	-	Member – Subject Expert (Internal Member)
Mr. G Gangadhar	-	Member – Subject Expert (Internal Member)
Ms. G Deepika	-	Member – Alumni (Internal Member)

The following resolutions are made after careful discussion and observations for the implementation in the MR21 Regulations

1. It has decided to introduce new topic Exact Differential Equations, Non Exact Differential Equations in Module IV of Linear Algebra and Applied Calculus.
2. After an elaborated discussion, the order of Modules III, IV, V in Linear Algebra and Applied Calculus of MR20 are changed as follows:  
Module III: Differential Calculus, Module IV: Ordinary Differential Equations  
Module V: Series Solutions to the Differential Equations
3. It has decided to introduce new topic Exact Differential Equations, Non Exact Differential Equations in Module IV of Linear Algebra and Differential Equations.
4. It is decided to keep “Richard Bellman, Introduction to matrix Analysis, Siam, second Edition as text book” in First year First semester of three papers.
5. It has decided to introduce new topic “Test of significance for standard deviations” in Module III of Probability and Statistics.
6. It has decided to introduce new topic “Exponential distribution” in Module II of Probability and Statistics



7. It has decided to introduce new topic "Scatterplot" in Module V of Probability and Statistics.
8. It has decided to introduce new topics "Finding Areas using double integrals and Volumes using double and triple integrals" in Module III of Advanced Calculus.
9. It is decided to keep Quantitative Aptitude and Reasoning -I in III B.Tech I Sem for MR21 regulations.
10. It is decided to keep Quantitative Aptitude and Reasoning -II in III B.Tech II Sem for MR21 regulations.

*Y. Sush Kumar*  
Chairman - BOS Mathematics



# MALLA REDDY ENGINEERING COLLEGE

(Autonomous)

Maisammaguda, Dhullapally, Secunderabad-500100

## Department of Mathematics

20-07-2021

### **Board of Studies meeting held on 17.07.2021 at 06:30 PM**

The Board of Studies meeting for the Department of Mathematics is convened on 17.07.2021 at 06:30 PM through online.

#### **Action Taken Report (ATR) on BoS Meeting in AY 2021-22**

**Resolution 1:** It has decided to introduce new topic Exact Differential Equations, Non Exact Differential Equations in Module IV of Linear Algebra and Applied Calculus.

**Action Taken:** The revised syllabus is implemented as MR21 regulation B.Tech course syllabus is implementing from the academic year 2021-22 onwards.

**Resolution 2:** After an elaborated discussion, the order of Modules III, IV, V in Linear Algebra and Applied Calculus of MR20 are changed as follows:

Module III: Differential Calculus, Module IV: Ordinary Differential Equations

Module V: Series Solutions to the Differential Equations

**Action Taken:** The revised syllabus is implemented as MR21 regulation B.Tech course syllabus is implementing from the academic year 2021-22 onwards.

**Resolution 3:** It has decided to introduce new topic Exact Differential Equations, Non Exact Differential Equations in Module IV of Linear Algebra and Differential Equations.

**Action Taken:** Action taken accordingly as recommended by the BOS

**Resolution 4:** It is decided to keep "Richard Bellman, Introduction to matrix Analysis, Siam, second Edition as text book" in First year First semester of three papers.

**Action Taken:** Action taken accordingly as recommended by the BOS.

**Resolution 5:** It has decided to introduce new topic "Test of significance for standard deviations" in Module III of Probability and Statistics.

**Action Taken:** The revised syllabus is implemented as MR21 regulation B.Tech course syllabus is implementing from the academic year 2021-22 onwards.

**Resolution 6:** It has decided to introduce new topic "Exponential distribution" in Module II of Probability and Statistics.

**Action Taken:** The revised syllabus is implemented as MR21 regulation B.Tech course syllabus is implementing from the academic year 2021-22 onwards.

**Resolution 7:** It has decided to introduce new topic "Scatterplot" in Module V of Probability and Statistics.



**Action Taken:** The revised syllabus is implemented as MR21 regulation B.Tech course syllabus is implementing from the academic year 2021-22 onwards.

**Resolution 8:** It has decided to introduce new topics "Finding Areas using double integrals and Volumes using double and triple integrals" in Module III of Advanced Calculus.

**Action Taken:** The revised syllabus is implemented as MR21 regulation B.Tech course syllabus is implementing from the academic year 2021-22 onwards.

**Resolution 9:** It is decided to keep Quantitative Aptitude and Reasoning –I in III B.Tech I Sem for MR21 regulations.

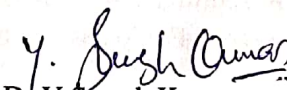
**Action Taken:** Approved the Paper titled ' Quantitative Aptitude and Reasoning –I ' is prescribed in the III Year I semester for all branches. The proposed syllabus as such is approved by the members without any modifications.

**Resolution 10 :** It is decided to keep Quantitative Aptitude and Reasoning –II in III B.Tech II Sem for MR21 regulations.

**Action Taken:** Approved the Paper titled ' Quantitative Aptitude and Reasoning –II ' is prescribed in the III Year II semester for all branches. The proposed syllabus as such is approved by the members without any modifications.

**Suggest Methodologies for innovative teaching and evaluation techniques**

1. Adoption of Bloom's taxonomy:
2. 30% of classes teaching by Power Point Presentations
3. Model presentations
4. Conducting Group Discussions among students
5. Comprehensive analytical teaching through Journal Interpretations.
6. NPTEL/MOOC Registrations
7. Remedial Classes

  
Dr Y Suresh Kumar  
Chairman - Mathematics BOS





# Malla Reddy Engineering College

(AUTONOMOUS)

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To  
The Principal,  
MREC,  
Secunderabad - 500100.

Sir,

**Sub: Request to approve the constitution of BOS - Dept. of English for the Academic Year 2021-22 Reg.**

The following are the proposed Board-of-Studies members for the Department of English for the AY 2021-22. Request you to approve the same.

S. No	Name of the Member	Designation & Official Address	Subject Specialization	Contact No.	Mail ID	Category
1	Dr. TV Surendranatha Reddy	Prof., & Head Dept. of English	English	9440361207	enghod@mrec.ac.in	Chairman- BOS
2	Dr.N.V.S.N. Lakshmi	Asso. Prof., Dept. of H&SS JNTUHCE	English	9652128383	syamala@jntuh.ac. in	University Nominee
3	Prof. T.Vijay Kumar	Professor, Dept. of English, OU	English	9392472934	tvk2k4@gmail.com	Subject Expert Member (External)
4	Prof. D. Murali Manohar	Professor Department of English. HCU	English	9908569272	dmmpsh@gmail.com	Subject Expert Member (External)
5	Mr.Nitesh	Tech.Mahindra	HR	8978314010	nitesh.ariga@techmahindra.com	Industry Expert
6	Dr.P.Sreehari	Assoc. Prof., Dept. of English, MREC (A)	English	9849750721	Sreehari125@gmail.com	Faculty Member (Internal)
7	Mr. T.Jeevanandam	Asst. Professor, Dept. of English, MREC (A)	English	9666402264	jeeva.154@gmail.com	Faculty Member (Internal)
8	Dr.A.Shobha Rani	Assoc. Professor, Dept. of English, MREC (A)	English	9618194879	aithashobharani@gmail.com	Faculty Member (Internal)
9	Mr K Ajay Kumar	Technical Engineer ECIL,Hyderabad	EEE	871246312	ajaykumarbathini@gmail.com	Alumni (MR12)

Dr. TV Surendranatha Reddy  
Chairman, BoS





# Malla Reddy Engineering College (AUTONOMOUS)

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NBA Accredited Programmes - UG (CE, EEE, ME, ECE & CSE) PG (CE - Structural Engg., EEE-Electrical Power Systems, ME - Thermal Engg.)

Lr.No: MREC (A)/BOS-English: 2021-22/Invitation/01

17-07-2021

To  
Dr. N.V.S.N.lakshmi  
Associate Professor,  
Dept. of Humanities and Sciences,  
JNTU, Hyderabad.

Madam,

Sub: Meeting of the Board of Studies for English for the academic year 2021-22

It is pleasure to invite you for the meeting of the Board of Studies for English for the academic year 2021-22. It is scheduled at 11-00am on 20<sup>th</sup> July, 2021(Online mode only) .We request you to make it convenient to attend the meeting.

## AGENDA:

1. Action Taken Report (ATR) on previous BoS Meeting in A.Y 2020-21
2. Review of English subjects of B. Tech & MBA MR20 regulations course schema and syllabus.
3. Suggestion and review of panel for Paper setters, and examiners for examinations.
4. Suggest methodologies for innovative teaching and evaluation techniques.
5. Suggestion of any activity related to research, teaching, extension and other academic activities in the department/college.

Director

Malla Reddy Engineering College  
(Autonomous)

Copy to:

1. Registrar, JNTUH
2. P.A. to the Vice -Chancellor, JNTUH
3. Director (AAC), JNTUH





# Malla Reddy Engineering College

## (AUTONOMOUS)

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NBA Accredited Programmes - UG (CE, EEE, ME, ECE & CSE) PG (CE - Structural Engg., EEE-Electrical Power Systems, ME - Thermal Engg.).

Lr.No: MREC (A)/BOS-English: 2021-22/Invitation/02

17-07-2021

To  
Prof. T. Vijay Kumar  
Department of English  
Osmania University  
Hyderabad.

Sir,

Sub: Meeting of the Board of Studies for English for the academic year 2021-22

It is pleasure to invite you for the meeting of the Board of Studies for English for the academic year 2020-21. It is scheduled at 11-00am on 20<sup>th</sup> July, 2021 (Online mode only). We request you to make it convenient to attend the meeting.

### AGENDA:

1. Action Taken Report (ATR) on previous BOS Meeting in A.Y 2020-21
2. Review of English subjects of B. Tech & MBA MR 20 regulations course schema and syllabus.
3. Suggestion and review of panel for Paper setters, and examiners for examinations.
4. Suggest methodologies for innovative teaching and evaluation techniques.
5. Suggestion of any activity related to research, teaching, extension and other academic activities in the department/college.

Director

Malla Reddy Engineering College  
(Autonomous)

Copy to:

1. Registrar, JNTUH
2. P.A. to the Vice-Chancellor, JNTUH
3. Director (AAC), JNTUH.





# Malla Reddy Engineering College (AUTONOMOUS)

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NBA Accredited Programmes - UG (CE, EEE, ME, ECE & CSE) PG (CE - Structural Engg., EEE-Electrical Power Systems, ME - Thermal Engg.).

Lt.No: MREC (A)/BOS-English: 2021-22/Invitation/03

17-07-2021

To  
Dr. D. Muralimanohar  
Professor & HOD,  
Department of English,  
University of Hyderabad  
Hyderabad.

Sir,

Sub: Meeting of the Board of Studies for English for the academic year 2021-22

It is pleasure to invite you for the meeting of the Board of Studies for English for the academic year 2020-21. It is scheduled at 11-00am on 20<sup>th</sup> July, 2021 (Online mode only). We request you to make it convenient to attend the meeting.

#### AGENDA:

1. Action Taken Report (ATR) on previous BoS Meeting in A.Y 2020-21
2. Review of English subjects of B. Tech & MBA MR20 regulations course schema and syllabus.
3. Suggestion and review of panel for Paper setters, and examiners for examinations.
4. Suggest methodologies for innovative teaching and evaluation techniques.
5. Suggestion of any activity related to research, teaching, extension and other academic activities in the department/college.

  
Director

Malla Reddy Engineering College  
(Autonomous)

Copy to:

1. Registrar, JNTUH
2. P.A. to the Vice -Chancellor, JNTUH
3. Director (AAC), JNTUH.





# MALLA REDDY ENGINEERING COLLEGE

(Autonomous)

Maisammaguda, Dhullapally, Secunderabad-500100

## Department of English

### Board of Studies

20-07-2021

The Board of Studies meeting for the Department of English was convened on 20-07-2021 in the Department(online), Mall Reddy Engineering College (Autonomous), Hyderabad.

The Agenda of the meeting is as follows.

### AGENDA

1. Review of English subjects of B. Tech & MBA, course schema and syllabus.
2. Suggestion and review of panel for Paper setters, and examiners for examinations.
3. Suggest methodologies for innovative teaching and evaluation techniques.
4. Suggestion of any activity related to research, teaching, extension and other academic activities in the department/college.

(online)

University Nominee

(Dr N.V.S.N Lakshmi)

(online)

Subject Expert

(Prof. T.Vijaykumar)

(online)

Subject Expert

(Prof. D. Murali Manohar)

(online)

Industry Expert

(Mr. Nitesh)

Member

(Dr P Sreehari)

Member

(Dr.A.Shobha Rani)

Member

(Mr. T.Jeevanandam)

Alumni

(Mr. K Ajay Kumar)

Chairman - BOS

(Dr. T. V. Surendranatha Reddy)





# MALLA REDDY ENGINEERING COLLEGE

(Autonomous)

Maisammaguda, Dhullapally, Secunderabad-500100

## Department of English

Date:20-07-2021.

The Board of Studies meeting for English was held in the Department on 20.07.2021 at 11:00 AM, Malla Reddy Engineering College (Autonomous).

The following members attended to review and revise the course structure and syllabus of MR21 regulations.

S. No	Name of the Member	Designation & Official Address	Category	Signature
1	Dr. T. V. Surendranatha Reddy	Prof., & Head Dept. of English	Chairman- BOS	
2	Dr.D.V.S.N. Lakshmi	Associate Professor . Dept. of Humanities and Sciences. JNTUHCE, Hyderabad .	University Nominee	online
3	Prof. T. Vijay Kumar	Prof. T. Vijay Kumar Department of English Osmania University, Hyderabad.	Subject Expert	online
4	Prof. D. Murali Manohar	Professor & HOD. Department of English. University of Hyderabad, Hyderabad.	Subject Expert	online
5	Mr. Nitesh	HR, TechMahindra	Industry Expert	online
6	Dr. P Sreehari	Assoc. Prof.	Faculty Member	
7	Dr. A.Shobha Rani	Associate. Prof.	Faculty Member	
8	Mr. T.Jeevanandam	Asst. Prof.	Faculty Member	
9	Mr. K Ajay Kumar	Technical Engineer ECIL, Hyderabad	Alumni	K.Ajay Kumar



**MALLA REDDY ENGINEERING COLLEGE (Autonomous)**

**Department of English**

**MINUTES OF BoS MEETING**

The Board of Studies (BoS) meeting was held at 11.00 am on 20<sup>th</sup> July, 2021(online).

Dr T.V. Surendranatha Reddy, HoD of English chaired the meeting. He welcomed all the members to the BOS meeting.

At the outset, the chairperson briefed the members about the academic activities in the Department of English. Later, the agenda of the meeting was taken up for the discussion. The following points were discussed during the meeting:

**Agenda Point 1: Syllabus Review**

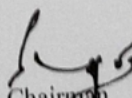
The meeting reviewed the syllabi of the courses. The members had a detailed discussion on the various aspects. The following key points have emerged from the meeting.

- The members commended the department for designing syllabi in commensurate the changing needs and trends.
- Edit the syllabi for typos, inclusion of topics and rearrangement of topics. The meeting pointed out the specific typos and topics.
- Identify courses and resources in line with the syllabus to support student's communication skills and academic abilities.

**Agenda Point 2: Activities Review**

The meeting suggested the following points in regard to departmental activities.

- Syllabi, academic and research activities should result in career progression for the faculty.
- Present a summary of the academic and research related activities of the department.
- Keep teacher profiles as the basis for designing the syllabi.

  
Chairman  
(BoS, English)





Mrec English Department <enghod@mrec.ac.in>

## E-approval for the syllabus/Minutes of Meeting

Mrec English Department <enghod@mrec.ac.in>  
To: Mrec English Department <enghod@mrec.ac.in>

Thr; 22 July, 2021 at 11:01 AM

----- Forwarded message -----

From: **Dr.DMuraliManohar** <dmpsh@gmail.com>  
Date: Thr, July 22, 2021  
Subject: E-approval for the syllabus/Minutes of Meeting  
To: Mrec English Department <enghod@mrec.ac.in>

Approved.

D.Murali Manohar

On TUE, 20 JULY 2020, 16:12 Mrec English Department, <enghod@mrec.ac.in>  
wrote: Sir/Madam,

We conducted BOS-English meeting in the month of July. After making modifications as suggested by the members, the syllabus has been prepared. AS it is not possible to meet the members personally in this pandemic situation, I request you to give E-approval for the syllabus/Minutes of meeting.

**Regards**

**Dr. T. V. Surendranatha Reddy**  
Head of the Department  
Chairman, Board of Studies  
Department of English  
Malla Reddy Engineering College (Autonomous)  
Secunderabad.

Mob: 9440361207  
Mail: tvsnreddy27@mrec.ac.in

--  
**Regards**

**Dr. T. V. Surendranatha Reddy**  
Head of the Department  
Chairman, Board of Studies  
Department of English  
Malla Reddy Engineering College (Autonomous)  
Secunderabad.

Mob: 9440361207  
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Mrec English Department <enghod@mrec.ac.in>

## E-approval for the syllabus/Minutes of Meeting

Mrec English Department <enghod@mrec.ac.in>  
To: Mrec English Department <enghod@mrec.ac.in>

Fri, JULY 23, 2021 at 16:01 AM

----- Forwarded message -----

From: **Vijay Kumar Tadakamalla** <tvk2k15@gmail.com>  
Date: Friday, July 23, 2021  
Subject: E-approval for the syllabus/Minutes of Meeting  
To: Mrec English Department <enghod@mrec.ac.in>  
Cc: "Dr Parvathi. V" <parvathivudumula@yahoo.com>, "Dr.D MuraliManohar" <dmmppsh@gmail.com>

Dear Dr Reddy

Thank you for the syllabus and sorry for the delayed response--it just slipped my mind. Please treat this email as my approval of the syllabus. I just have one suggestion. Consider changing 'Periods' to 'Hours' or 'Hrs' in the open electives.

Best wishes  
Vijay KUMAR

\*\*

Dr Vijay KUMAR Tadakamalla  
Director, Hyderabad Literary Festival  
<tvk2k15@gmail.com>  
Tel: (M) +91 9392472934

On Tue, 20 July 2020 at 16:12, Mrec English Department <enghod@mrec.ac.in> wrote:

>  
> Sir/Madam,  
>  
> We conducted BOS-English meeting in July. After making modifications as suggested by the members, the syllabus has been prepared. AS it is not possible to meet the members personally in this pandemicsituation, I request you to give E-approval for the syllabus/Minutes of meeting.  
> Regards  
>  
> Dr. T. V. Surendranatha Reddy  
> Head of the Department  
> Chairman, Board of Studies  
> Department of English  
> Malla Reddy Engineering College (Autonomous)  
> Secunderabad.  
>  
> Mob: 9440361207  
> Mail: tvsnreddy27@mrec.ac.in

--

Regards

Dr. T. V. Surendranatha Reddy  
Head of the Department  
Chairman, Board of Studies  
Department of English  
Malla Reddy Engineering College (Autonomous)  
Secunderabad.

Mob: 9440361207  
Mail: tvsnreddy27@mrec.ac.in





## MALLA REDDY ENGINEERING COLLEGE

(Autonomous)

Maisammaguda, Dhullapally, Secundersbad -500100

### Department of English

20<sup>th</sup> July 2021

The board of studies meeting for the Department of English was held on 20<sup>th</sup> July, 2021 at 11:00 AM in the Placement Cell (Via Online), Malla Reddy Engineering College (Autonomous), Hyderabad.

#### Action Taken Report (ATR) on BOS meeting for the AY 2021-2022

The previous Board of studies meeting in AY 2021-2022 was held on 20<sup>th</sup> July, 2021 at 11:00 AM. The following are the resolutions made in the meeting and corresponding actions taken are as follows:

**Resolution 1:** The board advised to change the title of first year English language lab into English Language and Communications Lab.

**Action Taken:** The title of the lab is changed into English Language and Communication Lab as per board advice.

**Resolution 2:** The committee suggested the cut short the essays of English syllabus to make the students learn it effectively.

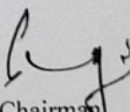
**Action Taken:** The essays are fully revised and trimmed into average length as per the board's recommendation.

**Resolution 3:** The Board advised to change the syllabus on the basis of faculty's profile.

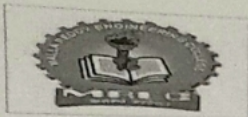
**Action Taken:** On following the committee recommendation, The English Language Skills paper is been added with review writing.

**Resolution 4:** The panel invited to change the typos of the syllabus

**Action Taken:** All the papers and arrangement have been revised totally.

  
Chairman  
BOS, English





Mrec English Department <enghod@mrec.ac.in>

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## syllabus/Minutes of Meeting for E-approval of MREC - English BOS

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Mrec English Department <enghod@mrec.ac.in>  
To: Mrec English Department <enghod@mrec.ac.in>

Wed, 21 July, 2021 at 08:35 AM

----- Forwarded message -----

From: **Dr.N.V.S.N Lakshmi** <syamala@jntuh.ac.in>  
Date: Wed, July 21, 2021  
Subject: syllabus/Minutes of Meeting for E-approval of MREC  
To: Mrec English Department <enghod@mrec.ac.in>  
Please treat this email as my approval of the syllabus

Dr.N.V.S.N Lakshmi

On TUE, 20 JULY 2020, 16:12 Mrec English Department, <enghod@mrec.ac.in>  
wrote: Sir/Madam,

We conducted BOS-English meeting in the month of July. After making modifications as suggested by the members, the syllabus has been prepared. AS it is not possible to meet the members personally in this pandemic situation, I request you to give E-approval for the syllabus/Minutes of meeting.

**Regards**

**Dr. T. V. Surendranatha Reddy**  
Head of the Department  
Chairman, Board of Studies  
Department of English  
Malla Reddy Engineering College (Autonomous)  
Secunderabad.

Mob: 9440361207  
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