



MALLA REDDY ENGINEERING COLLEGE

(Autonomous)

Maisammaguda, Dhullapally, Secunderabad-500100

Department of Mathematics

22-06-2019

Board of Studies meeting held on 22.06.2019 at 10:30 AM

The Board of Studies meeting for the Department of Mathematics is convened on 22.06.2019 at 10:30 AM in the conference hall, Mall 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 2018-19
2. Discussion and review of Mathematics subjects of B. Tech. MR18 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.
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.

① 1. Semester

Y. Susha

② V.V. Hareendran

V.N. Raju

③ C.I.S. S. S. S.

P. K. S. S.

④

G. S. S.



S. S. S.
Chairman - BOS

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

MALLA REDDY ENGINEERING COLLEGE
(AUTONOMOUS)
Department of Mathematics

22-06-2019

The Board of Studies meeting for Mathematics is held in the conference hall, Malla Reddy Engineering College (Autonomous)

The following members have attended to review on matters such as Schema, Syllabus of MR18 regulations, Mathematics related subjects and other points as per agenda.

S. No	Name of the Member	Designation & Official Address	Category	Signature
1	Mrs. S Saroja	Assoc. Prof. & HOD	Chairman - BOS	S. Saroja
2	Dr. V Srinivasa Kumar	Assoc. Professor, JNTUH, Hyderabad.	University Nominee	V. Srinivasa Kumar
3	Dr. V V Haragopal	Professor, BITS, Hyderabad	Subject Expert	V. V. Haragopal
4	Dr. C Subrahmanya Sastry	Assoc. Professor, IIT, Hyderabad.	Subject Expert	C. Subrahmanya Sastry
5	Dr. R Kedarnath	Delivery Head, Release Point, Hyderabad	Industry Nominee	R. Kedarnath
6	Mr. P Kalyan Kumar	Assoc. Professor, Dept. of Mathematics	Faculty Member	P. Kalyan Kumar
7	Mr. Y Suresh Kumar	Assoc. Professor, Dept. of Mathematics	Faculty Member	Y. Suresh Kumar
8	Mr. G Gangadhar	Asst. Professor, Dept. of Mathematics	Faculty Member	G. Gangadhar
9	Mr. V Naga Raju	Asst. Professor, Dept. of Mathematics	Faculty Member	V. N. Raju
10	Ms. G Deepika	Jr. Engineer, Hyderabad Road Development Corporation	Alumni	G. Deepika


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

Department of Mathematics

Minutes of Meeting Mathematics BOS

22nd June, 2019

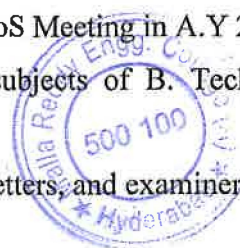
The Board of studies meeting for the Mathematics is conducted on 22-06-2019 at 10:30 AM in the conference hall, Malla Reddy Engineering College (Autonomous), Hyderabad.

The following BOS Members have attended the Meeting:

1. Ms. S Saroja	Assoc. Prof. & HOD	Chairman-BOS <i>[Signature]</i>
2. Dr. V Srinivasa Kumar	Assoc. Prof., JNTUH, Hyd.	University Nominee
3. Dr. C. S Sastry	Assoc. Prof., IIT, Hyderabad.	Subject Expert <i>[Signature]</i>
4. Dr. V V Haragopal	Prof. BITS, Hyderabad.	Subject Expert <i>[Signature]</i>
5. Dr. R Kedarnath	Delivery Head, Release Point, Hyderabad.	Industry Nominee <i>[Signature]</i>
6. Mr. P Kalyan Kumar	Assoc. Professor	Faculty Member <i>[Signature]</i>
7. Mr. Y Suresh Kumar	Assoc. Professor	Faculty Member <i>[Signature]</i>
8. Mr. G Gangadhar	Asst. Professor	Faculty Member <i>[Signature]</i>
9. Mr. V Naga Raju	Asst. Professor	Faculty Member <i>[Signature]</i>
10. Ms. G Deepika	Jr. Engineer, Hyderabad Road Development Corporation	Alumni <i>[Signature]</i>

The following is the agenda of the meeting:

1. Action Taken Report (ATR) on previous BoS Meeting in A.Y 2018-19
2. Discussion and review of Mathematics subjects of B. Tech. MR18 regulations course schema and syllabus.
3. Suggestion and review of panel for Paper setters, and examiners for examinations.



[Signature]
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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.

The following resolutions are made after careful discussion and observations to the implemented in the next Regulations implementation

1. The Taylor Series is being renamed as Taylor's Theorem in Module-V of Engineering Mathematics-I.
2. It is reviewed to remove Beta and Gamma functions in considering the heaviness of the syllabus
3. It is reviewed that Exact and Non-Exact differential equations are to be mentioned in the syllabus of Engineering Mathematics – II
4. It is reviewed to remove solvable for p, solvable for y and solvable for x and Clairaut's type of equations from Module-I of Engineering Mathematics – I
5. It is reviewed that to remove Cartesian to spherical and cylindrical and polar coordinates in Multiple integrals of Engineering Mathematics-II considering the heaviness in the syllabus.
6. It is reviewed to introduce Numerical Methods in Special Functions and Complex Analysis in Module-I and Module-II and reviewed to remove Series Solution to the differential equations, and Legendre's & Bessel's Polynomials.
7. It is reviewed to introduce the Statement of Strong Law of Large Numbers in Module-I of Probability and Statistics.
8. It is reviewed to shift Geometric distribution after Binomial distribution in Module-II of Probability and Statistics.
9. It is reviewed to introduce the transform techniques in open elective.
10. It is reviewed to introduce Series Solution to the differential equations, and Legendre's & Bessel's Polynomials in Open Electives.



Handwritten signatures:
 V.V. Hanumanth
 Y. Sush Kumar
 V.N. Ravi
 P. Ravi Kumar
 C.S. Sathish
 H. Hanumanth

Handwritten signature:
 S. Saroj
 Chairman - BOS
 Malla Reddy Engineering College
 (Autonomous)
 Maisamaguda, Dhulapally,
 Hyderabad - 500 100

MALLA REDDY ENGINEERING COLLEGE
(AUTONOMOUS)
Department of Mathematics

22-06-2019

The Board of Studies meeting for Mathematics is held in the conference hall, Malla Reddy Engineering College (Autonomous)

The following members have attended to review on matters such as Schema, Syllabus of MR18 regulations, Mathematics related subjects and other points as per agenda.

S. No	Name of the Member	Designation & Official Address	Category	Signature
1	Mrs. S Saroja	Assoc. Prof. & HOD	Chairman - BOS	S. Saroja
2	Dr. V Srinivasa Kumar	Assoc. Professor, JNTUH, Hyderabad.	University Nominee	V. Srinivasa Kumar
3	Dr. V V Haragopal	Professor, BITS, Hyderabad	Subject Expert	V.V. Haragopal
4	Dr. C Subrahmanya Sastry	Assoc. Professor, IIT, Hyderabad.	Subject Expert	C. Subrahmanya Sastry
5	Dr. R Kedarnath	Delivery Head, Release Point, Hyderabad	Industry Nominee	R. Kedarnath
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8	Mr. G Gangadhar	Asst. Professor, Dept. of Mathematics	Faculty Member	G. Gangadhar
9	Mr. V Naga Raju	Asst. Professor, Dept. of Mathematics	Faculty Member	V. Naga Raju
10	Ms. G Deepika	Jr. Engineer, Hyderabad Road Development Corporation	Alumni	G. Deepika

Action Taken Report (ATR) on previous BOS Meeting in AY 2018-19

The previous Board of studies meeting in AY 2018-19 was held on 15th December 2018. The following are the resolutions made in the meeting and corresponding actions taken are as follows:

Agreed
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Via Kompally, Sec'bad-500 100.

Resolution 1: Paper titled 'Special functions and complex variables' is prescribed in the III semester for EEE and ECE. The proposed syllabus as such is approved by the members without any modifications.

Action Taken: Approved the Paper titled 'Special functions and complex variables' is prescribed in the III semester for EEE and ECE. The proposed syllabus as such is approved by the members without any modifications.

Resolution 2: The following papers are recommended as 'Open Electives' for UG programmes.
Computational Mathematics
Applied Statistics
Optimization techniques

Action Taken: Implementing from the academic year 2018-19.

Resolution 3: The following changes are advised by the members in 'Applied Statistics' paper

Action Taken : Rearrangement of topics is recommended as mentioned below.

Topics called 'Introduction to Factorial design - 2^2 and 2^n Factorial design', 'Analysis of Co - Variance (ANCOVA)' are shifted to Module - II.

Topics called 'Analysis of Completely Randomized Design' and 'Randomized Block Design' are shifted to Module - I.

In Module - IV proposed topics on Correlation and Regression are replaced by the topic 'Multiple Regression for n independent variables'

Resolution 4: No changes are prescribed in the Open Elective titled 'Optimization techniques'

Action Taken : No changes are prescribed in the Open Elective titled 'Optimization techniques'

Resolution 5: Paper titled 'Special functions and complex Analysis' is proposed as title and the members suggested to change the title as 'Special functions and complex Variables'.

Action Taken: Approved the Paper titled 'Special functions and complex variables' is prescribed in the III semester for EEE and ECE. 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



S. Sanyal
Chairman - BOS

Ramesh
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MALLA REDDY ENGINEERING COLLEGE

(Autonomous)

Maisammaguda, Dhullapally, Secunderabad-500100



Department of Physics

29-06-2019

Board of Studies meeting held on 29.06.2019 at 10:30 AM

The Board of Studies meeting for the Department of Physics is convened on 29.06.2019 at 10:30 AM in the conference hall, Mall Reddy Engineering College (Autonomous), Hyderabad.

The Agenda of the meeting is as follows.

AGENDA

1. Action Taken Report (ATR) on previous BoS Meeting held on 29-06-2018.
2. Discussion and review of Physics subjects of B. Tech. MR18 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.
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.



K.aveedh
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MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)

Maisammaguda, Dhullapally, Secunderabad-500100

Department of Physics

29-06-2019

The Board of Studies meeting for Physics is held in the conference hall, Malla Reddy Engineering College (Autonomous).

The following members have attended to review on matters such as Course Schema and Syllabus of MR18 regulations and other points as per agenda.

S. No	Name of the Member	Designation & Official Address	Category	Signature
1	Dr. V. Dhanunjana Chari	Assoc. Prof. & HOD, Department of Physics, MREC(A)	Chairman - BOS	
2	Dr. K. Vijaya Kumar	Prof. of Physics, Department of Humanities & Sciences, JNTUH CES.	University Nominee	
3	Dr. S. Narender Reddy	Professor, Department of Physics, University College of Science, OU, Hyderabad.	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. P. S. R. Prasad	Senior Principal Scientist, CSIR-NGRI, Hyderabad.	Industry Expert	
6	Dr. P. Anji Reddy	Assoc. Prof., MREC(A)	Faculty Member	
7	Mr. Kesava Vamsi Krishna V	Assoc. Prof., MREC(A)	Faculty Member	Vamsi
8	Mr. B V Ramana Reddy	Asst. Prof., MREC(A)	Faculty Member	
9	Mrs. M V Shruthi	Asst. Prof., SCETW	Alumni	Shruthi

Principal
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Department of Physics

Minutes of Meeting Physics BOS

29th June, 2019

The Board of studies meeting for the Physics is conducted on 29-06-2019 at 10:30 AM in the conference hall, Malla Reddy Engineering College (Autonomous), Hyderabad.

The following BOS Members have attended the Meeting:

S. No	Name of the Member	Designation & Official Address	Category	Signature
1	Dr. V. Dhanunjana Chari	Assoc. Prof. & HOD, Department of Physics, MREC(A)	Chairman - BOS	
2	Dr. K. Vijaya Kumar	Assoc. Prof. of Physics, Department of Humanities & Sciences, JNTUH CES.	University Nominee	
3	Dr. S. Narender Reddy	Professor, Department of Physics, University College of Science, OU, Hyderabad.	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. P. S. R. Prasad	Senior Principal Scientist, CSIR-NGRI, Hyderabad.	Industry Expert	
6	Dr. P. Anji Reddy	Assoc. Prof., MREC(A)	Faculty Member	
7	Mr. Kesava Vamsi Krishna V	Assoc. Prof., MREC(A)	Faculty Member	
8	Mr. B V Ramana Reddy	Asst. Prof., MREC(A)	Faculty Member	
9	Mrs. 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 2018-19
2. Discussion and review of Physics subjects of B. Tech. MR18 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.



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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.

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

1. It is suggested that Crystal Physics to be introduced.
2. In Applied Physics, spectrum problem to be removed.
3. It is suggested that, Physical significance of wave function gives itself properties, "Properties of the" to be removed.
4. It is suggested that, in place of Photoelectric effect concept replace with concept of Photoelectric Effect.
5. In Applied Physics, In E-K diagram, 'K' should be small case.
6. It is suggested that, EM theory is replaced by Crystal Physics.
7. It suggested that, modify the course outcomes.
8. In lab experiments, title to be present. No need to mention aim.
9. It is suggested that, write modules name as dielectric properties and Magnetic properties.
10. Replace Hysteresis curve by Hysteresis loop.
11. Three new open elective papers suggested by BOS members. The three titles are Properties of matter, Sensors and Transducers and Modern Physics.



Chairman – BOS
(Dr. V. Dhanunjana Chari)



Kaveed
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MALLA REDDY ENGINEERING COLLEGE

(Autonomous)

Maisammaguda, Dhullapally, Secunderabad-500100

Department of Physics

Action Taken Report (ATR)

29th June, 2019

The previous Board of studies meeting in AY 2018-19 was held on dt: 29th June 2018. The following are the resolutions made in the meeting and corresponding actions taken are as follows.

Resolution 1: Applied Physics is recommended for EEE, ECE, CSE and IT students in the first semester, with 3 lecture hours and 1 tutorial hour per week.

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

Resolution 2: The following changes are recommended in Applied Physics.

- Schrodinger's time dependent wave equation is removed in Module – I.
- In Module - II i.e., Band theory of solids, the topic Bloch theorem for particle in a periodic potential is modified as '**Qualitative treatment of Bloch theorem for particle in a periodic potential**'. Similarly Kronig - Penney model topic is approved as Qualitative treatment of Kronig - Penney model Type.
- Two chapters in Module III are clubbed and it is renamed as **Semiconductor Physics**. '**Equation of continuity**' is appended. Also the topic PN Junction is modified as '**PN Junction: Formation and V-I Characteristics**'. **LED - Construction and working principle**', '**Solar cell - Construction and I - V Characteristics**' are added to this module.
- 'Einstein coefficients' topic is recommended in Module - IV in LASER chapter. Ruby LASER and He - Ne LASER are replaced by 'Semiconductor LASER'.

Action Taken: The changes recommended by BOS committee members in Applied Physics have been implemented from the academic year 2018-19 onwards in Revised Syllabus.

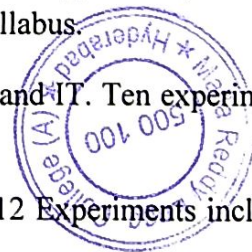
Resolution 3: Applied Physics lab is recommended for EEE, ECE, CSE and IT. Ten experiments are prescribed.

Action Taken: Action taken accordingly as recommended by the BOS. 12 Experiments included in revised syllabus as per AICTE curriculum.

Resolution 4: Engineering Physics is recommended for CE, ME and Min. Engineering in the second semester with 3 lecture hours and 1 tutorial hour per week.

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

Resolution 5: The following changes are recommended in Engineering Physics.



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- In Module - II, Wave optics '**Interference due to reflected light in thin films**' is added. Interferometer topics are removed.
- Module - III is replaced by Dielectric properties of materials.

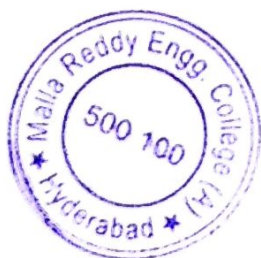
Action Taken: The changes recommended by BOS committee members in Engineering Physics have been implemented from the academic year 2018-19 onwards in Revised Syllabus.

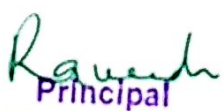
Resolution 6: Engineering Physics lab is recommended for CE, ME and Min. Engineering. Ten experiments are prescribed.

Action Taken: Action taken accordingly as recommended by the BOS. 12 Experiments included in revised syllabus as per AICTE curriculum.


Chairman – BOS

(Dr. V. Dhanunjana Chari)




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MALLA REDDY ENGINEERING COLLEGE

(Autonomous)

Maisammaguda, Dhullapally, Secunderabad-500100

Department of Chemistry



04-07-2019

Board of Studies meeting held on 04.07.2019 at 11:00 AM

The Board of Studies meeting for the Department of Chemistry is convened on 04.07.2019 at 11:00 AM 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 2018-19
2. Discussion and review of Chemistry subjects of B.Tech. MR18 regulations course schema and syllabus.
3. Suggestions and review of panel for Paper setters, and examiners for examinations.
4. Suggest methodologies for innovative teaching and evaluation techniques.
5. Suggestions 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.

University Nominee
(Dr. A. Jaya Shree)

Subject Expert – 1
(Dr. P. Veerasomaiah)

Subject Expert – 2
(Dr. P. Murali Krishna)

Industry Expert
(Dr. P. Samba Siva Reddy)

Member
(Mrs. V. Radha Ragini)

Member
(D. Venkat Ramulu)

Member
(Mr. T. Ramesh)

Member
(Mr. D. Raju)

Alumni
(M. V. Shruthi)

Chairman - BOS

Principal
Malla Reddy Engineering College
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MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)

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Department of Chemistry

Board of Studies meeting held on 04.07.2019 at 11:00 AM

The Board of Studies meeting for Chemistry is conducted on 04-07-2019 at 11:00 AM in the conference hall, Malla Reddy Engineering College (Autonomous), Hyderabad.

The following members have attended to review on contents such as Course Schema and Syllabus of MR18 regulations and other points as per agenda.

Name of the Member	Designation & Official Address	Category	Signature
Dr. M. Vijaya Bhaskar Reddy	Assoc. Professor & HOD	Chairman - BOS	
Dr. A. Jaya Shree	Professor of Chemistry, CCST, IST, JNTUH.	University Nominee	
Dr. P. Veerasomaiah	Professor., O.U, Hyderabad.	Subject Expert	
Dr. P. Murali Krishna	Asst Professor., CBIT, OU, Hyderabad.	Subject Expert	
Dr. P. Samba Siva Reddy	M.D, Alta Vista Phyto Chemicals Pvt Ltd, Hyd	Industry Nominee	
V.Radha Ragini	Asst. Professor Dept. of Chemistry	Faculty Member	
D.Venkat Ramulu	Asst. Professor Dept. of Chemistry	Faculty Member	
T. Ramesh	Asst. Professor Dept. of Chemistry	Faculty Member	
D. Raju	Asst. Professor Dept. of Chemistry	Faculty Member	
M.V.Shruthi	Asst. Professor Dept. of EEE, SCETW	Alumni	

Principal
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MALLA REDDY ENGINEERING COLLEGE

(Autonomous)

Maisammaguda, Dhullapally, Secunderabad-500100

Department of Chemistry

Minutes of Meeting Chemistry BOS

4th July, 2019

The Board of studies meeting for the Chemistry is conducted on 04-07-2019 at 11:00 AM in the conference hall, Malla Reddy Engineering College (Autonomous), Hyderabad.

The following BOS Members have attended the Meeting:

S. No	Name of the Member	Designation & Official Address	Category
1	Dr. M. Vijaya Bhaskar Reddy	Assoc. Prof. & HOD, Department of Chemistry, MREC(A)	Chairman - BOS
2	Dr. A. Jaya Shree	Professor of Chemistry, CCST, IST, JNTUH.	University Nominee
3	Dr. P. Veerasomaiah	Professor of Chemistry, O.U, Hyderabad.	Subject Expert (outside the Parent University)
4	Dr. P. Murali Krishna	Asst Professor., CBIT, OU, 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	Mrs.V.Radha Ragini	Asst. Prof., MREC(A)	Faculty Member
7	Mr. D.Venkat Ramulu	Asst. Prof., MREC(A)	Faculty Member
8	Mr. T. Ramesh	Asst. Prof., MREC(A)	Faculty Member
9	D. Raju	Asst. Prof., MREC(A)	Faculty Member
10	M.V.Shruthi	Asst. Prof., SCETW	Alumni

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K. Venkatesh
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500-100
Hyderabad

The following is the agenda of the meeting:

1. Action Taken Report (ATR) on previous BoS Meeting in A.Y 2018-19
2. Discussion and review of Chemistry subjects of B. Tech. MR18 regulations course schema and syllabus.
3. Suggestions and review of panel for Paper setters, and examiners for examinations.
4. Suggest methodologies for innovative teaching and evaluation techniques.
5. Suggestions 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 MR18 regulations and also proposed 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.

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

- (1) In Engineering Chemistry, module-II (Molecular structure & Theories of Bonding)
 $[\text{Ni}(\text{CN})_4]^{2-}$ is replaced with $[\text{Ni}(\text{CO})_4]$ and F_2 is replaced with CO. Also suggested a reference book "Organic chemistry" by R.Morrison & Boyd.
- (2) In engineering chemistry lab experiment no 3 title has been changed to Estimation of an acid by P^{H} metry.
- (3) In Environmental Science the title of module V has been changed to **Sustainable Development.**
- (4) No changes made in Open Elective Chemistry of Engineering Materials.
- (5) In Nano chemistry open elective module-I, title to be change from "Nanochemistry-I" to **"Synthesis of Nano materials"**
- (6) In nano chemistry open elective module-II, title to be change from "Nanochemistry-II" to **"Properties of nano materials"**.
- (7) In nano chemistry open elective module-II, "luminescence" and "fluorescence" are to be removed.
- (8) In nano chemistry open elective module II, Quantum dot has to be removed.



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- (9) In nano chemistry module-III, suggested to add Principle and block diagram for SEM,EDS TEM, DLS and AFM.
- (10) In nano chemistry open elective module-IV, title to be change from **“Carbon nano tubes and applications”** to **“Carbon nano structures and applications”**.
- (11) In nano chemistry open elective module-IV, (Carbon nano structures and applications) all the contents are reshuffled as **“carbon nano structures, carbon clusters, types and preparation of carbon nano tubes-optical and telecommunication applications, nano structured crystals (graphite), graphene, carbon fibers, fullerenes and their applications”**. Nano solar cells and its applications for the continuity.
- (12) No changes are made in Polymer chemistry open elective.



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MALLA REDDY ENGINEERING COLLEGE

(Autonomous)

Maisammaguda, Dhullapally, Secunderabad-500100

Department of Chemistry

04-07-2019

Board of Studies meeting held on 04.07.2019 at 11:00 AM

The Board of Studies meeting for the Department of Chemistry is convened on 04.07.2019 at 11:00 AM in the conference hall, Mall Reddy Engineering College (Autonomous), Hyderabad.

Action Taken Report (ATR) on previous BoS Meeting in AY 2018-19

The previous Board of studies meeting in AY 2018-19 was held on dt: 3rd July 2018. The following are the resolutions made in the meeting and corresponding action taken are as follows

Resolution 1: Suggestions were made by the BOS members to rename the course "Applied Chemistry" as "Engineering chemistry".

Action Taken: Implemented in MR18 regulations syllabus from 2018-19 onwards.

Resolution 2: Module-I title "Water" is changed to "water and its treatment".

Action Taken: Committee approved to change the **module-I** title and it is being implemented from the academic year 2018-19.

Resolution 3: Committee approved to implement the AICTE model curriculum and JNTUH syllabus to introduce three new modules: Molecular structure and theories of bonding (**Module-II**), Stereochemistry & NMR spectroscopy (**Module-IV**) and Reaction mechanism and synthesis of drugs (**Module-V**).

Action Taken: The changes in the syllabus is implementing in MR18 regulations 2018-19.

Resolution 4: Suggestions were made by the members of the BoS to add some important topics in **module-III (Electrochemistry & corrosion)** like quinhydrone electrode, Determination of pH using glass electrode, pilling-Bed worth rule, types of corrosion (water line & galvanic), impressed current cathodic protection. Also suggested to delete **cementation** topic in **module-III**.

Action Taken: The proposed topics are included in the syllabus and omitted **cementation** concept.

Resolution 5: Suggestions were made by the members of the BoS to change the course name "Applied chemistry lab" to "Engineering chemistry lab".

Action Taken: Implementing in MR18 regulations 2018-19 onwards.

Resolution 6: Committee approved to replace experiment "Ferrous ion in cement by calorimeter" with "**Mn⁺² ion in KMnO₄ by calorimeter**" in Engineering chemistry lab syllabus.

Action Taken: Replaced and included experiment "Estimation of Mn⁺² ion in KMnO₄ by calorimeter" in "**Engineering chemistry lab**" syllabus from 2018-19 onwards.

Resolution 7: Suggestions were made by the members of the board of studies to remove "a **ation of Thiokol rubber**" in the engineering chemistry lab syllabus.

Action Taken: Removed "Preparation of Thiokol rubber" in the engineering chemistry lab syllabus.

Resolution 8: Board of studies members suggested to add experiments "Estimation of iron (II) by dichrometry" and "Determination of rate constant of hydrolysis of methyl acetate" in the engineering chemistry lab syllabus.

Action Taken: The above mentioned two experiments are added in Engineering Chemistry lab syllabus and implementing in MR18 regulations from 2018-19 onwards.

Resolution 9: Suggestions were made by the members of the board of studies to replace "Preparation of nylon-6,6" experiment with "Preparation of aspirin".

Action Taken: The experiment "Preparation of aspirin" is added and implementing from the academic year 2018-19 onwards.

Resolution 10: Committee approved to implement the AICTE new model curriculum to introduce activities like **Plantation, case studies, field visit and poster making in Environmental Science** course.

Action Taken: The above mentioned activities are added in "Environmental Science" course and implementing in MR18 regulations.

Resolution 11: Suggestions were made by the members of the board of studies to replace the following topics in open elective of "Chemistry of Engineering Materials"

- (i) Module-II "Lubricants" with "composites"
- (ii) Module-V "polymers and composite materials" with "colloids and surfactants".

Action Taken: Implementing in MR18 regulations syllabus from 2018-19 onwards.

Resolution 12: No changes are prescribed in the open elective "Nanotechnology".

Action Taken: Implementing without changes in the open elective "Nanotechnology".

Resolution 13: Introduced new open elective "Polymer chemistry" as per AICTE new model curriculum.

Action Taken: The BoS members collectively approved to introduce "Polymer chemistry" open elective instead of "Photochemistry and spectroscopy" and implementing from MR18 regulations onwards.

Resolution 14: The following papers are recommended as 'Open Electives' for UG Programme.

- ✓ Chemistry of Engineering Materials
- ✓ Nanotechnology
- ✓ Polymer Chemistry
- ✓

Action Taken: Implementing from the academic year 2018-19 onwards.

Resolution 15: The BoS members have agreed to suggest a panel for paper setters and valuers/examiners for both theory and practical of Engineering chemistry and theory of Environmental Science.

Action Taken: The panel for paper setters and valuers/examiners are implemented for both theory and practical of Engineering chemistry and theory of Environmental Science.

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Resolution 16: If any topic 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 modifications may be made operational.

Action Taken: Implementing from the academic year 2018-19 onwards.



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Department of English

09-07-2019

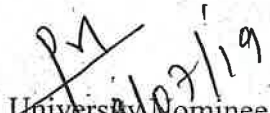
Board of Studies meeting held on 09.07.2019 at 11:00 AM


The Board of Studies meeting for the Department of English is convened on 09.07.2019 at 11:00 AM in the conference hall, Mall 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 2018-19
2. Discussion and review of English subjects of B. Tech & MBA MR18 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.
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.



University Nominee
(Prof. V. Parvathi)

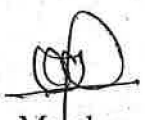

Subject Expert
(Prof. T. Vijaykumar)


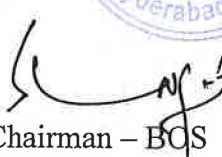

Subject Expert
(Prof. D. Murali Manohar)

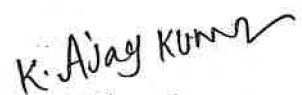
Industry Expert
(Mr. Nitesh)


Member
(Dr. Sruthi, A.P)


Member
(Dr. M Anjaiah)


Member
(Mr. T. Jeevanandam)



Chairman - BOS
(Dr. T. V. Surendranatha Reddy)


Alumni
(Mr. K Ajay Kumar)


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MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)

Maisammaguda, Dhullapally, Secunderabad-500100

MR-18
2019
with date

Department of English

Date:09-07-2019.

The Board of Studies meeting for English was held in the conference hall on 09.07.2019 at 11:00 AM, Malla Reddy Engineering College (Autonomous).

The following members attended to review on matters such as Course Schema and Syllabus of MR18 regulations and other points as per agenda.

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	Prof. V. Parvathi	Professor . & HOD Dept. of Humanities and Sciences. Hyderabad . JNTUHCE	University Nominee	 09/07/19
3	Prof. T. Vijay Kumar	Prof. T. Vijay Kumar Department of English Osmania University Hyderabad.	Subject Expert	
4	Prof. D. Murali Manohar	Professor & HOD. Department of English. University of Hyderabad Hyderabad.	Subject Expert	 09/07/19
5	Mr. Nitesh	HR, TechMahindra	Industry Expert	Absent
6	Dr. Sruthi, A.P	Asst. Prof.	Faculty Member	
7	Dr. M Anjaiah	Asst. Prof.	Faculty Member	
8	Mr. T.Jeevanandam	Asst. Prof.	Faculty Member	
9	Mr. K Ajay Kumar	Technical Engineer, ECIL, Hyderabad	Alumni	K. Ajay Kumar



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Chairman, BOS



Malla Reddy Engineering College (Autonomous)

Maisammaguda, Dhulapally (Post Via Kompally), Secunderabad – 500100.

Minutes of meeting BOS - English

Date: 09-07-2019

The Board of Studies meeting for English – BOS was conducted on 09-07-2019 at 11.00 am in the conference hall. The following members were present

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

The following Points were discussed during the meeting:

- It was discussed the AICTE has introduced a new subject titled, “Effective Technical Communication in English”. So, the committee has suggested to include this paper in curriculum for all branches



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Department of English

11-07-2019

Board of Studies meeting held on 09.07.2019 at 11:00 AM

The Board of Studies meeting for the Department of English was conducted on 09.07.2019 at 11:00 AM in the conference hall, Mall Reddy Engineering College (Autonomous), Hyderabad.

Action Taken Report (ATR) on BoS Meeting for the AY 2019-2020

The previous Board of studies meeting in AY2019-2020 was held on 11th July, 2019. The following are the resolutions made in the meeting and corresponding action taken are as follows:

Resolution 1: The members of the committee have suggested that NPTEL courses have to be implemented for students.

Action Taken: All the students were briefed about the importance of NPTEL courses and advised them to register. Majority of the students have registered and written exam on them.

Resolution 2: The members of the committee have advised to include the topic, 'Technical Report Writing' in "English Communication and Presentation Skills Lab."

Action Taken: The above said topic was included in the ECPS lab syllabus.

Resolution 3: The committee advised to include the book, "Technical Communication" by Meenakshi Raman in the list of reference books mentioned for ECPS lab.

Action Taken: The title of the above said book was included in the list of reference books.

Resolution 4: It was suggested by the committee to include the topic, 'Stress and Intonation' in "English Language Communication Skills Lab" offered for MBA course.

Action Taken: As per the directions of the committee, the topic, 'Stress and Intonation' was included in the syllabus.



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Secunderabad-500 100.

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Chairman,
BoS, English