



# D.N.R. COLLEGE OF ENGINEERING & TECHNOLOGY AUTONOMOUS

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK, Kakinada  
Accredited with A<sup>++</sup> Grade by NAAC & Accredited by NBA (B. TECH – CSE, ECE & EEE)  
Ph: 08816-221238 Email: [dnrcet@gmail.com](mailto:dnrctet@gmail.com) website: <https://dnrcet.org>

Date: 22/07/2024

## DEPARTMENT MECHANICAL ENGINEERING

S.No	Name of BOS Member	Designation	Affiliation	Signature
1.	Dr.D.Lingaraju,	Member (University Nominee)	Associate Professor, HoD, Dept of ME, JNTU Kakinada.	<i>forwarded through mail</i>
2.	Dr.T.Babu Rao	Member (Subject experts from outside the parent University)	Asst Professor, HoD, Dept of ME, NIT TPgudem	<i>forwarded through mail</i>
3.	Dr.M.Ravi Shankar	Member (Subject experts from outside the parent University)	Professor, HoD, Dept of ME, IIT Tirupati.	<i>forwarded through mail</i>
4.	Mr.M.George Babu,	Member (Industrial Expert)	Sr.Manager - Detailing , Pennar Engineered Building Systems Pvt LTD, Hyderabad	<i>forwarded through mail</i>
5.	Mr. T.Pranams	Member (College alumni)	MD, Pranams Hotels	<i>forwarded through mail</i>
6.	Dr.M.Venu	Member (Experts from outside the Autonomous College)	Principal, Dept of ME, Vishnu Institute of Technology, Bvrm.	<i>forwarded through mail</i>
7.	Mr.M.PANDU RANGA RAO	Member	Asst Professor, M.E.Dept DNRCT	<i>MP</i>
8.	Mr. G. VAMSI KRISHNA	Member	Asst Professor, M.E.Dept DNRCT	<i>CV</i>
9.	Mr.D.Y.MARUTHI KUMAR	Member	Asst Professor, M.E.Dept DNRCT	<i>MD</i>
10.	Mr. S. CHANDU PRASAD	Member	Asst Professor, M.E.Dept DNRCT	<i>SC</i>
11.	Mr. M.R.S. NATARAJ	Member	Asst Professor, M.E.Dept DNRCT	<i>MR</i>
12.	Mr. G. RAJESH	Member	Asst Professor, M.E.Dept DNRCT	<i>GR</i>
13.	Mr. B.M. ARORA	Member	Asst Professor, M.E.Dept DNRCT	<i>BA</i>



# D.N.R. COLLEGE OF ENGINEERING & TECHNOLOGY

## AUTONOMOUS

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK, Kakinada  
Accredited with A<sup>++</sup> Grade by NAAC & Accredited by NBA (B. TECH – CSE, ECE & EEE)  
Ph: 08816-221238 Email: [dncet@gmail.com](mailto:dncet@gmail.com) website: <https://dncet.org>

DEPARTMENT OF MECHANICAL ENGINEERING

Dt: 22-07-2024.

To  
Dr.T.Babu Rao,  
Assistant Professor,  
Department of Mechanical Engineering,  
National Institute of Technology, Tadepalligudem,  
Andhra Pradesh.

Sir,

Sub: DNR College of Engineering & Technology, Bhimavaram- Department of Mechanical Engineering - Board of Studies meeting for I B. Tech. I&II Semester - Invitation - Reg.

We take the privilege in inviting you for the Board of Studies meeting of Department of Mechanical Engineering, DNR College of Engineering & Technology, Bhimavaram on 23-07-2024 (Tuesday) at 10:00 A.M. It is proposed to discuss and finalize the following for the academic year 2024-25.

Agenda:

1. Introduction of members
2. To discuss and finalize the proposed I B. Tech. I&II Semester - Engineering Graphics, Basics of Civil and Mechanical Engineering (Theory), Engineering Mechanics (Theory and Lab) courses of DR -24 Regulations.
3. To finalize the Evaluation procedure for Continuous Internal Evaluation (CIE) and Semester End Evaluation (SEE)
4. Ratification of Course Objectives and Course Out comes, CO – PO Mapping for the proposed subjects.
5. Finalization of Text Books and Reference Books.
6. Any other item with the permission of the chairman.

In this regard, you are requested to attend the online meeting of the Board of Studies of Department of Mechanical Engineering on 23-07-2024 at 10.00 AM. The online meeting link will be mailed to you shortly. Kindly accept our invitation and make it convenient to attend the meeting.

Thanking you sir,

Yours Sincerely,

*F. I. Harish* 22/7/24

Dr. I. Harish

HoD, Department of Mechanical Engineering  
D.N.R. College of Engineering & Technology

**Head of the Department**  
**Mechanical Engg.**  
D.N.R. College of Engg. & Tech..  
BHIMAVARAM-534 202





**D.N.R. COLLEGE OF ENGINEERING & TECHNOLOGY**  
**AUTONOMOUS**

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK, Kakinada  
Accredited with A<sup>++</sup> Grade by NAAC & Accredited by NBA (B. TECH – CSE, ECE & EEE)  
Ph: 08816-221238 Email: [dnrcet@gmail.com](mailto:dnrcet@gmail.com) website: <https://dnrcet.org>

**DEPARTMENT OF MECHANICAL ENGINEERING**

Dt: 22-07-2024.

To  
Dr.M.Ravi Shankar,  
Professor,  
Department of Mechanical Engineering,  
Indian Institute of Technology, Tirupati,  
Andhra Pradesh.

Sir,

Sub: DNR College of Engineering & Technology, Bhimavaram- Department of Mechanical Engineering - Board of Studies meeting for I B. Tech. I&II Semester - Invitation - Reg.

We take the privilege in inviting you for the Board of Studies meeting of Department of Mechanical Engineering, DNR College of Engineering & Technology, Bhimavaram on 23-07-2024 (Tuesday) at 10:00 A.M. It is proposed to discuss and finalize the following for the academic year 2024-25.

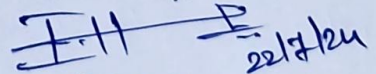
Agenda:

1. Introduction of members
2. To discuss and finalize the proposed I B. Tech. I&II Semester - Engineering Graphics, Basics of Civil and Mechanical Engineering (Theory), Engineering Mechanics (Theory and Lab) courses of DR -24 Regulations.
3. To finalize the Evaluation procedure for Continuous Internal Evaluation (CIE) and Semester End Evaluation (SEE)
4. Ratification of Course Objectives and Course Out comes, CO – PO Mapping for the proposed subjects.
5. Finalization of Text Books and Reference Books.
6. Any other item with the permission of the chairman.

In this regard, you are requested to attend the online meeting of the Board of Studies of Department of Mechanical Engineering on 23-07-2024 at 10.00 AM. The online meeting link will be mailed to you shortly. Kindly accept our invitation and make it convenient to attend the meeting.

Thanking you sir,

Yours Sincerely,

  
22/7/24

Dr. I. Harish

HoD, Department of Mechanical Engineering  
D.N.R. College of Engineering & Technology

**Head of the Department**  
**Mechanical Engg.**

**D.N.R. College of Engg. & Tech..**  
**BHIMAVARAM-534 202**



# D.N.R. COLLEGE OF ENGINEERING & TECHNOLOGY AUTONOMOUS

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK, Kakinada  
Accredited with A<sup>++</sup> Grade by NAAC & Accredited by NBA (B. TECH – CSE, ECE & EEE)

Ph: 08816-221238 Email: [dnrceet@gmail.com](mailto:dnrceet@gmail.com) website: <https://dnrceet.org>

DEPARTMENT OF MECHANICAL ENGINEERING

Dt: 22-07-2024.

To  
Dr.D.Lingaraju,  
Associate Professor,  
Department of Mechanical Engineering,  
JNTU college of Engineering, Kakinada,  
Andhra Pradesh.

Sir,

Sub: DNR College of Engineering & Technology, Bhimavaram- Department of Mechanical Engineering - Board of Studies meeting for I B. Tech. I&II Semester - Invitation - Reg.

We take the privilege in inviting you for the Board of Studies meeting of Department of Mechanical Engineering, DNR College of Engineering & Technology, Bhimavaram on 23-07-2024 (Tuesday) at 10:00 A.M. It is proposed to discuss and finalize the following for the academic year 2024-25.

Agenda:

1. Introduction of members
2. To discuss and finalize the proposed I B. Tech. I&II Semester - Engineering Graphics, Basics of Civil and Mechanical Engineering (Theory), Engineering Mechanics (Theory and Lab) courses of DR -24 Regulations.
3. To finalize the Evaluation procedure for Continuous Internal Evaluation (CIE) and Semester End Evaluation (SEE)
4. Ratification of Course Objectives and Course Out comes, CO – PO Mapping for the proposed subjects.
5. Finalization of Text Books and Reference Books.
6. Any other item with the permission of the chairman.

In this regard, you are requested to attend the online meeting of the Board of Studies of Department of Mechanical Engineering on 23-07-2024 at 10.00 AM. The online meeting link will be mailed to you shortly. Kindly accept our invitation and make it convenient to attend the meeting.

Thanking you sir,

Yours Sincerely,

Dr. I. Harish

HoD, Department of Mechanical Engineering  
D.N.R. College of Engineering & Technology

**Head of the Department**  
**Mechanical Engg.**  
D.N.R. College of Engg & Tech  
BHIMAVARAM-534 202





# D.N.R. COLLEGE OF ENGINEERING & TECHNOLOGY AUTONOMOUS

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK, Kakinada  
Accredited with A<sup>++</sup> Grade by NAAC & Accredited by NBA (B. TECH – CSE, ECE & EEE)

Ph: 08816-221238 Email: [dnrcet@gmail.com](mailto:dnrctet@gmail.com) website: <https://dnrcet.org>

DEPARTMENT OF MECHANICAL ENGINEERING

Dt: 22-07-2024.

To  
Mr.M.George Babu,  
Sr.Manager- Detailing,  
Pennar Engineering & Building Systems Pvt Ltd,  
Hyderabad,  
Telangana.

Sir,

Sub: DNR College of Engineering & Technology, Bhimavaram- Department of Mechanical Engineering - Board of Studies meeting for I B. Tech. I&II Semester - Invitation - Reg.

We take the privilege in inviting you for the Board of Studies meeting of Department of Mechanical Engineering, DNR College of Engineering & Technology, Bhimavaram on 23-07-2024 (Tuesday) at 10:00 A.M. It is proposed to discuss and finalize the following for the academic year 2024-25.

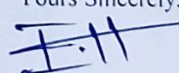
Agenda:

1. Introduction of members
2. To discuss and finalize the proposed I B. Tech. I&II Semester - Engineering Graphics, Basics of Civil and Mechanical Engineering (Theory), Engineering Mechanics (Theory and Lab) courses of DR -24 Regulations.
3. To finalize the Evaluation procedure for Continuous Internal Evaluation (CIE) and Semester End Evaluation (SEE)
4. Ratification of Course Objectives and Course Out comes, CO – PO Mapping for the proposed subjects.
5. Finalization of Text Books and Reference Books.
6. Any other item with the permission of the chairman.

In this regard, you are requested to attend the online meeting of the Board of Studies of Department of Mechanical Engineering on 23-07-2024 at 10.00 AM. The online meeting link will be mailed to you shortly. Kindly accept our invitation and make it convenient to attend the meeting.

Thanking you sir,

Yours Sincerely,

 22/7/24

Dr. I. Harish

HoD, Department of Mechanical Engineering  
D.N.R. College of Engineering & Technology

**Head of the Department  
Mechanical Engg.**

**D.N.R. College of Engg. & Tech  
BHIMAVARAM-534 202**



# D.N.R. COLLEGE OF ENGINEERING & TECHNOLOGY AUTONOMOUS

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK, Kakinada  
Accredited with A<sup>++</sup> Grade by NAAC & Accredited by NBA (B. TECH – CSE, ECE & EEE)

Ph: 08816-221238 Email: [dnrct@gmail.com](mailto:dnrct@gmail.com) website: <https://dnrct.org>

**DEPARTMENT OF MECHANICAL ENGINEERING**

Dt: 22-07-2024.

To  
Mr.T.Pranams,  
MD, Pranams Hotels,  
Bhimavaram,  
Andhra Pradesh.

Sir,

Sub: DNR College of Engineering & Technology, Bhimavaram- Department of Mechanical Engineering - Board of Studies meeting for I B. Tech. I&II Semester - Invitation - Reg.

We take the privilege in inviting you for the Board of Studies meeting of Department of Mechanical Engineering, DNR College of Engineering & Technology, Bhimavaram on 23-07-2024 (Tuesday) at 10:00 A.M. It is proposed to discuss and finalize the following for the academic year 2024-25.

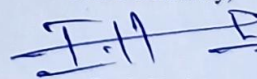
Agenda:

1. Introduction of members
2. To discuss and finalize the proposed I B. Tech. I&II Semester - Engineering Graphics, Basics of Civil and Mechanical Engineering (Theory), Engineering Mechanics (Theory and Lab) courses of DR -24 Regulations.
3. To finalize the Evaluation procedure for Continuous Internal Evaluation (CIE) and Semester End Evaluation (SEE)
4. Ratification of Course Objectives and Course Out comes, CO – PO Mapping for the proposed subjects.
5. Finalization of Text Books and Reference Books.
6. Any other item with the permission of the chairman.

In this regard, you are requested to attend the online meeting of the Board of Studies of Department of Mechanical Engineering on 23-07-2024 at 10.00 AM. The online meeting link will be mailed to you shortly. Kindly accept our invitation and make it convenient to attend the meeting.

Thanking you sir,

Yours Sincerely,

 22/7/24

Dr. I. Harish

HoD, Department of Mechanical Engineering  
D.N.R. College of Engineering & Technology

**Head of the Department  
Mechanical Engg.  
D.N.R. College of Engg. & Tech  
BHIMAVARAM-534 202**





**D.N.R. COLLEGE OF ENGINEERING & TECHNOLOGY**  
**AUTONOMOUS**

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK, Kakinada  
Accredited with A<sup>++</sup> Grade by NAAC & Accredited by NBA (B. TECH – CSE, ECE & EEE)  
Ph: 08816-221238 Email: [dnrcet@gmail.com](mailto:dnrcet@gmail.com) website: <https://dnrcet.org>

**DEPARTMENT OF MECHANICAL ENGINEERING**

Dt: 22-07-2024.

To  
Dr.M.Venu,  
Professor, Principal,  
Department of Mechanical Engineering,  
Vishnu Institute of Technology,  
Bhimavaram,  
Andhra Pradesh.

Sir,

Sub: DNR College of Engineering & Technology, Bhimavaram- Department of Mechanical Engineering - Board of Studies meeting for I B. Tech. I&II Semester - Invitation - Reg.

We take the privilege in inviting you for the Board of Studies meeting of Department of Mechanical Engineering, DNR College of Engineering & Technology, Bhimavaram on 23-07-2024 (Tuesday) at 10:00 A.M. It is proposed to discuss and finalize the following for the academic year 2024-25.

Agenda:

1. Introduction of members
2. To discuss and finalize the proposed I B. Tech. I&II Semester - Engineering Graphics, Basics of Civil and Mechanical Engineering (Theory), Engineering Mechanics (Theory and Lab) courses of DR -24 Regulations.
3. To finalize the Evaluation procedure for Continuous Internal Evaluation (CIE) and Semester End Evaluation (SEE)
4. Ratification of Course Objectives and Course Out comes, CO – PO Mapping for the proposed subjects.
5. Finalization of Text Books and Reference Books.
6. Any other item with the permission of the chairman.

In this regard, you are requested to attend the online meeting of the Board of Studies of Department of Mechanical Engineering on 23-07-2024 at 10.00 AM. The online meeting link will be mailed to you shortly. Kindly accept our invitation and make it convenient to attend the meeting.

Thanking you sir,

Yours Sincerely

*I. Harish* 22/7/24

Dr. I. Harish

HoD, Department of Mechanical Engineering  
D.N.R. College of Engineering & Technology

**Head of the Department**  
**Mechanical Engg.**  
**D.N.R. College of Engg. & Tech.,**  
**BHIMAVARAM-534 202**



# D.N.R. COLLEGE OF ENGINEERING & TECHNOLOGY AUTONOMOUS

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK, Kakinada  
Accredited with A<sup>+</sup> Grade by NAAC & Accredited by NBA (B. TECH – CSE, ECE & EEE)

Ph: 08816-221238 Email: [dnrcet@gmail.com](mailto:dnrcet@gmail.com) website: <https://dnrcet.org>

DEPARTMENT OF MECHANICAL ENGINEERING

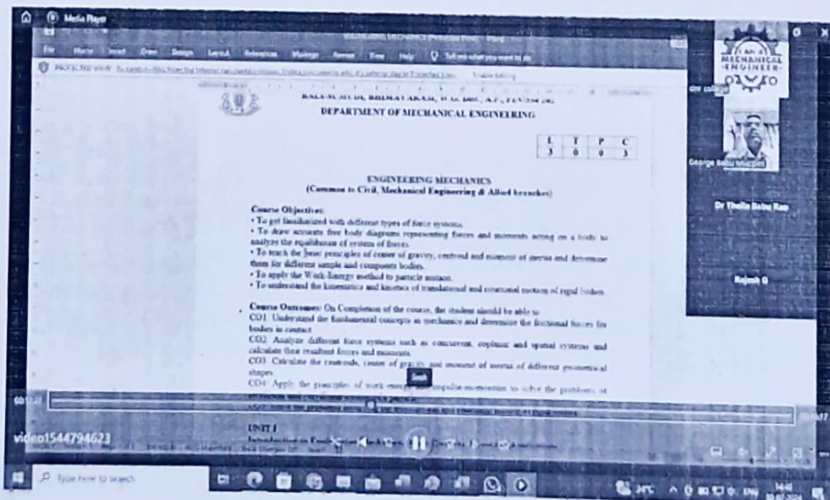
Bhimavaram,  
Dt: 24-07-2024.

## Minutes of Meeting (MOM) of the Board of Studies (BOS) A.Y. : 2024 - 2025

The Board of Studies (BOS) meeting of the Department of Mechanical Engineering was held Online on 23-07-2024 (Tuesday) through Zoom online meeting at 10.00 AM in the Department, to discuss the proposed agenda and to adopt resolutions.

### Agenda:

1. Introducing the members of the Board of Studies.
2. To discuss and finalize the proposed I B. Tech. I&II Semester and PG I & II years Course structure and syllabus of - Engineering Graphics, Basics of Civil and Mechanical Engineering (Theory), Engineering Mechanics (Theory and Lab) courses of DR -24 Regulations.
3. To finalize panel for exam paper setting for both UG & PG and pattern for model end exam paper.
4. Ratification of Course Objectives and Course Out comes, CO – PO Mapping for the proposed subjects.
5. Finalization of Text Books and Reference Books.
6. Any other item with the permission of the chairman.



Screen shot of BOS meeting, ME Department





# D.N.R. COLLEGE OF ENGINEERING & TECHNOLOGY AUTONOMOUS

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK, Kakinada  
Accredited with A<sup>++</sup> Grade by NAAC & Accredited by NBA (B. TECH – CSE, ECE & EEE)  
Ph: 08816-221238 Email: [dnrctet@gmail.com](mailto:dnrctet@gmail.com) website: <https://dnrctet.org>

Date: 24/07/2024

## DEPARTMENT MECHANICAL ENGINEERING BOS MINUTES OF THE MEETING

S.No	Name of BOS Member	Designation	Affiliation	Signature
1.	Dr.I.HARISH,	Chairperson	Associate Professor & HoD- M.E. Dept, DNRCTET	
2.	Dr.D.Lingaraju,	Member (University Nominee)	Associate Professor, HoD, Dept of ME, JNTU Kakinada.	
3.	Dr.T.Babu Rao	Member (Subject experts from outside the parent University)	Asst Professor, HoD, Dept of ME, NIT TPgudem	Attended online
4.	Dr.M.Ravi Shankar	Member (Subject experts from outside the parent University)	Professor, HoD, Dept of ME, IIT Tirupati.	Attended online
5.	Mr.M.George Babu,	Member (Industrial Expert)	Sr.Manager - Detailing , Pennar Engineered Building Systems Pvt LTD, Hyderabad	Attended online
6.	Mr. T.Pranams	Member (College alumni)	MD, Pranams Hotels	T.Pranams
7.	Dr.M.Venu	Member (Experts from outside the Autonomous College)	Principal, Dept of ME, Vishnu Institute of Technology, Bvrm.	Attended online.
8.	Mr.M.PANDU RANGA RAO	Member	Asst Professor, M.E.Dept DNRCTET	
9.	Mr. G. VAMSI KRISHNA	Member	Asst Professor, M.E.Dept DNRCTET	
10.	Mr.D.Y.MARUTHI KUMAR	Member	Asst Professor, M.E.Dept DNRCTET	
11.	Mr. S. CHANDU PRASAD	Member	Asst Professor, M.E.Dept DNRCTET	
12.	Mr. M.R.S. NATARAJ	Member	Asst Professor, M.E.Dept DNRCTET	
13.	Mr. G. RAJESH	Member	Asst Professor, M.E.Dept DNRCTET	
14.	Mr. B.M. ARORA	Member	Asst Professor, M.E.Dept DNRCTET	

Chairman  
(Dr. I. Harish)

Head of the Department  
Mechanical Engg.  
D.N.R. College of Engg. & Tech.  
BHIMAVARAM-534 202





# D.N.R. COLLEGE OF ENGINEERING & TECHNOLOGY AUTONOMOUS

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK, Kakinada  
Accredited with A<sup>++</sup> Grade by NAAC & Accredited by NBA (B. TECH – CSE, ECE & EEE)  
Ph: 08816-221238 Email: [dnrctet@gmail.com](mailto:dnrctet@gmail.com) website: <https://dnrctet.org>

Date: 24/07/2024

## BOS (MINUTES OF THE MEETING)

The Board of Studies meeting of Department of Mechanical Engineering was held on 23-07-2024, at 10 AM in the online mode through zoom call.

At the outset the chairman of BOS welcomed all members and introduced all members. The meeting began with the presentation of proposed curriculum by the chair, further the agenda has been circulated among the members and discussed; the corresponding resolutions made are accordingly.

**Item-1:** To discuss and finalize the proposed I B. Tech. I&II Semester and PG Courses - Engineering Graphics, Basics of Civil and Mechanical Engineering (Theory), Engineering Mechanics (Theory and Lab) courses of DR - 24 Regulations.

### **Resolution-1:**

a) BOS members including chairman discussed every unit of theory courses - Engineering Graphics, Basics of Civil and Mechanical Engineering (Theory), Engineering Mechanics (Theory and Lab) courses of DR -24 Regulations. Dr.D.Linga Raju, member of BOS suggested to exclude unit-IV from Engineering Graphics for EEE, ECE, CSE & CSE aligned branches and rename the subject as Engineering Drawing. Also, that to continue to follow the same syllabus without any changes for CE and Mechanical Branches with subject name as Engineering Graphics. No changes were suggested to other syllabus (**Enclosed Annexure – A**)

b) BOS members discussed about course structure of PG for both I & II years, and changes in syllabus for some subjects were proposed for course structure by Dr.D.Linga Raju, member of BOS. The changes were made according to the suggestions (**Enclosed Annexure – B**)

**Item-2:** To finalize panel for exam paper setting, model end exam paper.

### **Resolution-2:**

a) BOS members accepted proposed panel for exam paper setting for B.Tech and M.Tech - (**Enclosed Annexure – C**)

b) BOS members including chairman decided that they will follow JNTUK, R- 23 Regulations for semester exam model paper. (**Enclosed Annexure – D**)

**Item-3:** Ratification of Course Objectives and Course Out comes, CO – PO Mapping for the proposed subjects.

**Resolution-3:** BOS members including chairman decided and accepted the Ratification of Course Objectives and Course Out comes, CO – PO Mapping for the proposed subjects which are enclosed in **Annexure - A**

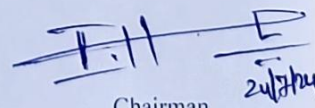
**Item-4:** Finalization of Text Books and Reference Books.

**Resolution-4:** BOS members including chairman decided and finalized the text books and reference books.

**Item-5:** Any other item with the permission of the chairman.

**Resolution-5:** Finally the chairman summarized all the agenda points and resolutions, thanked all the BOS members and ended with a vote of thanks.

Note: The entire proceeding were recorded as video and stored in the department.



Chairman

(Dr. I. Harish)

**Head of the Department  
Mechanical Engg.**

**D.N.R. College of Engg. & Tech.,  
BHIMAVARAM-534 202**