



# GIET ENGINEERING COLLEGE

Approved By AICTE | Accredited by NAAC 'A+' | Affiliated to JNTUK, Kakinada  
GIET Campus, Chaitanya Knowledge City, NH-16, Rajamahendravaram  
East Godavari, A.P., INDIA, PIN: 533 296 | Phone: +91 9652929111  
E-Mail: principalgec@giet.ac.in | Web: www.gietec.ac.in

## DEPARTMENT OF MECHANICAL ENGINEERING

### BOS Minutes of Meeting

|                             |  |
|-----------------------------|--|
| <b>Program:</b>             | BOS Meeting  |
| <b>Meeting Purpose:</b>     | Discuss and review the UG syllabus of theory and practical courses (I & II Semester) |
| <b>Meeting Date:</b>        | 27-08-2024 (Tuesday)   |
| <b>Meeting Time:</b>        | 10:00 AM to 1:00 PM  |
| <b>Meeting Location:</b>    | Conference Hall- Ground Floor  |
| <b>Meeting Facilitator:</b> | Mr. P.Poorna Mohan, BOS Chairperson  |
| <b>Attendees:</b>           | BOS External & Internal Members  |
| <b>Mode of conduction</b>   | Online   |

#### Meeting Agenda:

Agenda 1: Welcome address by the chairperson.

Agenda 2: Discussion and ratification of Vision, Mission, PEOs, POs, PSOs.

Agenda 3: Discussion on GIET R24 proposed syllabus for UG I & II Semester.

Agenda 4: Information about suggested text books and References.

Agenda 5: Any other item with the approval of chairperson

Agenda 6: Next BOS Schedule

Agenda 7: Vote of Thanks.

#### Resolutions:

##### Resolutions for Agenda 1: Welcome address by the chairperson

1. The chairperson of BOS initiated the meeting by welcoming all the BOS members.
2. The chairperson introduced the experts and presented the highlights of the department, such as student and faculty achievements, admissions, placements, research activities and result analysis etc.



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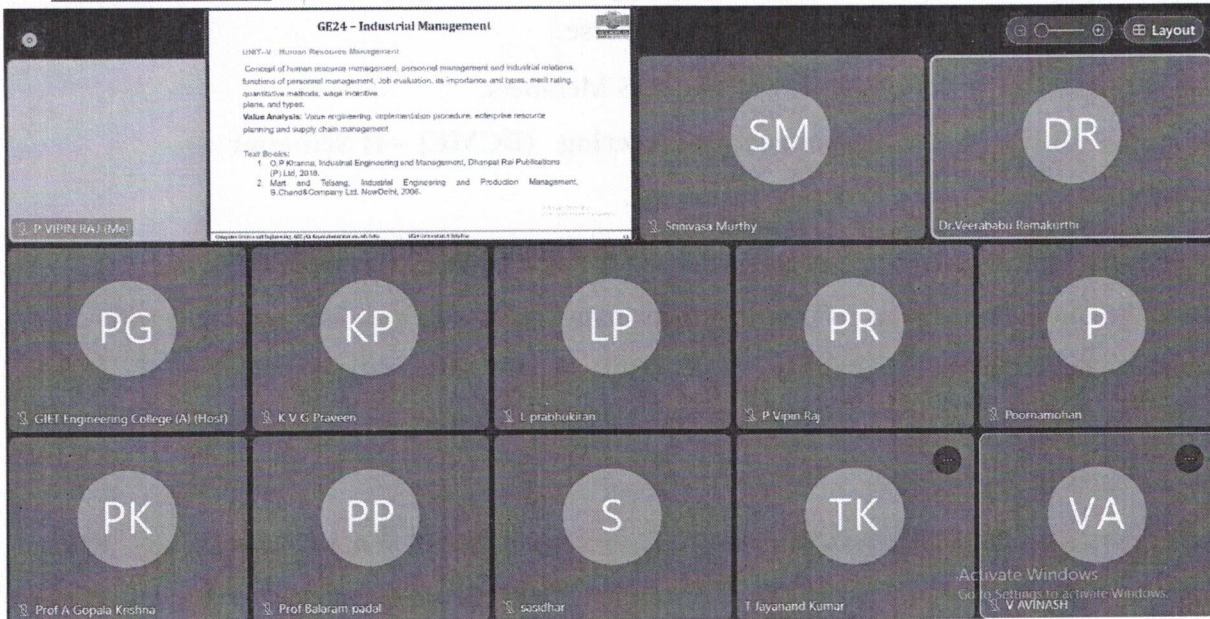
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## Members of the Board of Studies

| S. No. | Name                                | Designation and Affiliation                            | Category  | Role        |
|--------|-------------------------------------|--|---|-------------|
| 1      | Mr. P.PoornaMohan<br>M.Tech.,(Ph.D) | Associate Professor and Head<br>of the Department, ME  | HOD   | Chairperson |
| 2      | Dr. A Gopala Krishna                | Professor, ME, UCEK,<br>JNTUK                          | Nominated by the University                       | Member      |
| 3      | Dr. K.T. Balaram<br>Padal           | Professor, ME, AU College of<br>Engineering            | Subject Expert-01 Outside of<br>Parent University | Member      |
| 4      | Dr. T. Jayananda<br>Kumar           | Professor, ME, GGU                                     | Subject Expert-02 Outside of<br>Parent University | Member      |
| 5      | Dr.AAVVLN<br>Srinivasa Murthy       | Sr. R&D Engineer Product<br>Development<br>Stryker     | Industry Representative<br>Nominated by Principal | Member      |
| 6      | Dr.R.Veerababu<br>(2009 Batch)      | Assistant Professor,<br>Gitam University<br>Hyderabad. | Alumni Nominated by<br>Principal                  | Member      |

The screenshot shows a Cisco Webex meeting window. The main content area displays a welcome slide for the "1st BOS Meeting" on August 27th, 2024, organized by the Department of Mechanical Engineering at GIET Engineering College (A). The slide includes the college's address and a "Hearty Welcome to" message. On the right side, a grid of nine participants is visible, including Prof. Balaram padal, P VIPIN (RA) (Me), Srinivasa Murthy, Prof. A Gopala Krishna, K V G Praveen, Dr. Veerababu Ramakurthi, L prabhu krishan, and P Vipin Raj. The bottom of the window shows standard meeting controls like Unmute, Stop video, Share, and a chat window.



## Resolutions for Agenda 2: Discussion and ratification of Vision, Mission, PEOs, POs, PSOs

The chairman Presented the Vision and Mission of the department along with Program Educational objectives, Program outcomes and Program specific outcomes

## Resolutions for Agenda 3: Discussion on GIET R23 proposed syllabus for UG I & II Semester

The chairperson presented JNTUK R23 regulations B.Tech followed by GIET R23 proposed syllabus for B.Tech I & II Semester.

### 1. Course Name: Engineering Graphics (EG) – I Semester

**Coordinator: Mr.K.V.G.Praveen, Associate Professor.**

- The chairperson presented the proposed syllabus for Engineering Graphics course and requested the Course Coordinator to justify the modifications suggested with reference to the JNTUK R23 Syllabus.
- Mr.K.V.G.Praveen expressed satisfaction with the current course syllabus and indicated no further changes in the course.
- Experts (Dr. A. Gopala Krishna, Dr. K.T. Balaram Padal, Dr. T. Jayananda Kumar, Dr.AAVVLN Srinivasa Murthy, Dr.R.Veerababu) expressed satisfaction with the current course



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syllabus and indicated no further changes in the course.

- The above suggestions were approved by the BOS Members.

## 2. Course Name: Basic Civil & Mechanical Engineering (BCME) – II Semester

**Coordinator: Mr.K.Sasidhar, Assistant Professor.**

- The chairperson presented the proposed syllabus for Basic Civil & Mechanical Engineering course and requested the Course Coordinator to justify the modifications suggested with reference to the JNTUK R23 Syllabus.
- Mr. Mr.K.Sasidhar expressed satisfaction with the current course syllabus and indicated no further changes in the course.
- Experts (Dr. A. Gopala Krishna, Dr. K.T. Balaram Padal, Dr. T. Jayananda Kumar, Dr.AAVVLN Srinivasa Murthy, Dr.R.Veerababu) expressed satisfaction with the current course syllabus and indicated no further changes in the course.
- The above suggestions were approved by the BOS Members.

## 3. Course Name: Engineering Mechanics (EM) – II Semester

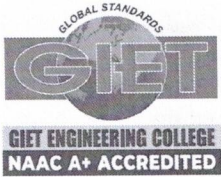
**Coordinator: Mr. K.Sasidhar, Assistant Professor.**

- The chairperson presented the proposed syllabus for Engineering Mechanics course and requested the Course Coordinator to justify the modifications suggested with reference to the JNTUK R23 Syllabus.
- Mr. Mr. K.Sasidhar expressed satisfaction with the current course syllabus and indicated no further changes in the course.
- Experts (Dr. A. Gopala Krishna, Dr. K.T. Balaram Padal, Dr. T. Jayananda Kumar, Dr.AAVVLN Srinivasa Murthy, Dr.R.Veerababu) expressed satisfaction with the current course syllabus and indicated no further changes in the course.
- The above suggestions were approved by the BOS Members.

## 4. Course Name: Thermodynamics – III Semester

**Coordinator: Mr. V.Avinash, Assistant Professor.**

- The chairperson presented the proposed syllabus for Thermodynamics course and requested the Course Coordinator to justify the modifications suggested with reference to the JNTUK R23



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Syllabus.

- Mr.V.Avinash expressed satisfaction with the current course syllabus and indicated no further changes in the course.
- Experts (Dr. A. Gopala Krishna, Dr. K.T. Balaram Padal, Dr. T. Jayananda Kumar, Dr.AAVVLN Srinivasa Murthy, Dr.R.Veerababu) expressed satisfaction with the current course syllabus and indicated no further changes in the course.
- The above suggestions were approved by the BOS Members.

## 5. Course Name: Mechanics of Solids – III Semester

**Coordinator: Mr.LPrabhu Kiran, Assistant Professor.**

- The chairperson presented the proposed syllabus for Mechanics of Solids course and requested the Course Coordinator to justify the modifications suggested with reference to the JNTUK R23 Syllabus.
- Mr.LPrabhu Kiran expressed satisfaction with the current course syllabus and indicated no further changes in the course.
- Experts (Dr. A. Gopala Krishna, Dr. K.T. Balaram Padal, Dr. T. Jayananda Kumar, Dr.AAVVLN Srinivasa Murthy, Dr.R.Veerababu) expressed satisfaction with the current course syllabus and indicated no further changes in the course.
- The above suggestions were approved by the BOS Members.

## 6. Course Name: Material Science and Metallurgy – III Semester

**Course Coordinator: Mr. K.V.G Praveen, Associate Professor.**

- The chairperson presented the proposed syllabus for Material Science and Metallurgy course and requested the Course Coordinator to justify the modifications suggested with reference to the JNTUK R23 Syllabus.
- Mr. K.V.G Praveen expressed satisfaction with the current course syllabus and indicated no further changes in the course.
- Experts (Dr. A. Gopala Krishna, Dr. K.T. Balaram Padal, Dr. T. Jayananda Kumar, Dr.AAVVLN Srinivasa Murthy, Dr.R.Veerababu) have suggested to give exposure for Topic Scanning electron microscope(SEM), if possible .
- The above suggestions were approved by the BOS Members.



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## 7. Course Name: Industrial Management – IV Semester

**Course Coordinator: Mr. V.Avinash, Assistant Professor.**

- The chairperson presented the proposed syllabus for Industrial Management course and requested the Course Coordinator to justify the modifications suggested with reference to the JNTUK R23 Syllabus.
- Mr. V.Avinash, expressed satisfaction with the current course syllabus and indicated no further changes in the course.
- Experts (Dr. A. Gopala Krishna, Dr. K.T. Balaram Padal, Dr. T. Jayananda Kumar, Dr.AAVVLN Srinivasa Murthy, Dr.R.Veerababu) expressed satisfaction with the current course syllabus and indicated no further changes in the course.
- The above suggestions were approved by the BOS Members.

## 8. Course Name: Manufacturing Processes – IV Semester

**Coordinator: Mr.K.V.G.Praveen, Assistant Professor.**

- The chairperson presented the proposed syllabus for Manufacturing Processes course and requested the Course Coordinator to justify the modifications suggested with reference to the JNTUK R23 Syllabus.
- Mr.K.V.G.Praveen expressed satisfaction with the current course syllabus and indicated no further changes in the course.
- Experts (Dr. A. Gopala Krishna, Dr. K.T. Balaram Padal, Dr. T. Jayananda Kumar, Dr.AAVVLN Srinivasa Murthy, Dr.R.Veerababu) expressed satisfaction with the current course syllabus and indicated no further changes in the course.
- The above suggestions were approved by the BOS Members

## 9. Course Name: Fluid Mechanics & Hydraulic Machines – IV Semester

**Coordinator: Mr.K.Sasidhar, Assistant Professor.**

- The chairperson presented the proposed syllabus for Fluid Mechanics & Hydraulic Machines course and requested the Course Coordinator to justify the modifications suggested with reference to the JNTUK R23 Syllabus.



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- Mr.K.Sasidhar expressed satisfaction with the current course syllabus and indicated no further changes in the course.
- Experts (Dr. A. Gopala Krishna, Dr. K.T. Balaram Padal, Dr. T. Jayananda Kumar, Dr.AAVVLN Srinivasa Murthy, Dr.R.Veerababu) expressed satisfaction with the current course syllabus and indicated no further changes in the course.
- The above suggestions were approved by the BOS Members.

## 10. Course Name: Theory of Machines – IV Semester

**Coordinator: Mrs.Jagan Jyothi, Assistant Professor.**

- The chairperson presented the proposed syllabus for Theory of Machines course and requested the Course Coordinator to justify the modifications suggested with reference to the JNTUK R23 Syllabus.
- Ms.Jagan Jyothi expressed satisfaction with the current course syllabus and indicated no further changes in the course.
- Experts (Dr. A. Gopala Krishna, Dr. K.T. Balaram Padal, Dr. T. Jayananda Kumar, Dr.AAVVLN Srinivasa Murthy, Dr.R.Veerababu) expressed satisfaction with the current course syllabus and indicated no further changes in the course.
- The above suggestions were approved by the BOS Members.

## 11. Review of Lab Courses

- The chairperson presented the proposed syllabus for Engineering Workshop, Engineering Mechanics, Mechanics of solids and material science lab, Computer – aided Machine Drawing, Fluid Mechanics & Hydraulic Machines lab & Manufacturing Processes lab and requested the Course Coordinators to justify the modifications suggested with reference to the JNTUK R23 Syllabus.
- Engineering Workshop of I & II Semester were presented by the chairperson and the corresponding course coordinators expressed satisfaction with the current course syllabus with no further changes in the course.
- Engineering Mechanics of II Semester were presented by the chairperson and the corresponding



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course coordinators expressed satisfaction with the current course syllabus with no further changes in the course.

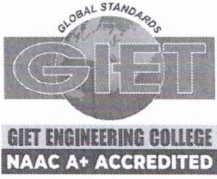
- Mechanics of solids and material science Lab of III Semester were presented by the chairperson and the corresponding course coordinators expressed satisfaction with the current course syllabus with no further changes in the course.
- Computer – aided Machine Drawing Lab of III Semester were presented by the chairperson and the corresponding course coordinators expressed satisfaction with the current course syllabus with no further changes in the course.
- Fluid Mechanics & Hydraulic Machines lab of IV Semester were presented by the chairperson and the corresponding course coordinators expressed satisfaction with the current course syllabus with no further changes in the course.
- Manufacturing Processes lab of IV Semester were presented by the chairperson and the corresponding course coordinators expressed satisfaction with the current course syllabus with no further changes in the course.
- Design Thinking & Innovation of IV Semester were presented by the chairperson and the corresponding course coordinators expressed satisfaction with the current course syllabus with no further changes in the course.
- The above suggestions were approved by the BOS Members.

## **Resolutions for Agenda 4: Information about suggested text books and References**

The chairperson presented the Information about suggested text books and References, I& II years B.Tech .

## **Resolutions for Agenda 5: Any other item with the approval of chairperson**

- Dr.AAVVLN Srinivasa Murthy suggested to include industry related courses in the syllabus enhance the industry interactions to understand the latest advancements in the technologies.
- The chairperson justified that the department is organizing Industrial visits & encouraging students for internships in reputed industries.



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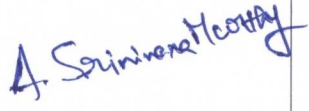

## Resolutions for Agenda 6: Next BOS Schedule

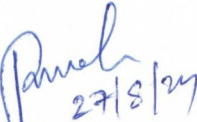
- The BOS members planned to organize the next BOS meeting in August 2025.

## Resolutions for Agenda 7: Vote of Thanks

- The BOS chairperson summarized all the suggestions discussed in the meeting.
- Finally, the meeting ended with a Vote of Thanks by BOS chairperson.

|   |   |  |
|---|---|--|
|  |  |  |
| Mr. P. Poorna Mohan<br>HOD<br>ME<br>Chairman-BOS                                  | Dr. A. Gopala Krishna<br>Professor<br>ME<br>UCEK<br>University Nominee            | Dr. K.T. Balaram Padal<br>Professor,<br>ME<br>AU College of Engineering            |

|   |  |  |
|---|--|--|
|  |   |  |
| Dr. T. Jayananda Kumar<br>Professor,<br>ME<br>GGU                                   | Dr. AAVVLN Srinivasa<br>Murthy<br>Sr. R&D Engineer Product<br>Development<br>Stryker | Dr. R. Veerababu<br>Assistant Professor,<br>Gitam University<br>Hyderabad.           |

  
27/8/24  
BOS Chairman

  
Principal