

# TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

## DEPARTMENT OF ECE

ECE/IQAC/01/2024-25

Date: 01/07/2024

### CIRCULAR

The first Quarterly Internal Quality Assurance Cell (IQAC) meeting for the academic year 2024-25 is scheduled on 03/07/2024 at 3:00 PM in S-210. All the faculty members are informed to attend the meeting to discuss the following agenda points.

#### Agenda Points:

1. Review of last minutes of meeting for the academic year 2023-24.
2. Approval of Department academic calendars.
3. Plan of action for the academic year 2024-25
4. Analysis of Post-Academic Session Review of course handouts of even semester.
5. Analysis of Pre-Academic Session Review of course handouts of odd semester.
6. Allocation of Mentors
7. Analysis of previous semester results

  
IQAC Coordinator

  
HoD, ECE  
Head of The Department  
Electronics & Communication Engineering  
TKR College of Engineering & Technology  
(AUTONOMOUS)  
Medbowli, Meerpet, Hyderabad-97.

# **TKR COLLEGE OF ENGINEERING AND TECHNOLOGY**

## **DEPARTMENT OF ECE**

### **Minutes of Meeting:**

**Date & Time:** 03/07/2024 & 3:00 PM

**Venue:** Room No. S-210

**Meeting No.:** 01

**Chairperson:** HoD, ECE

**Coordinator:** IQAC Coordinator

**Members Present:** Faculty members

### **Agenda & Resolutions:**

#### **1. Review of Previous Meeting Minutes (AY 2023-24)**

- **Discussion:** The minutes of the previous IQAC meeting were reviewed in detail.
- **Resolution:** Approved with no modifications. Action Taken Report (ATR) of AY 2023–24 noted as satisfactory.

#### **2. Approval of Department Academic Calendar 2024-25**

- **Discussion:** The proposed academic calendar was presented and discussed.
- **Resolution:** Approved unanimously.

#### **3. Plan of Action for Academic Year 2024-25**

- **Discussion:** Initiatives for curriculum enhancement, research activities, student mentoring, Faculty Development Programs (FDPs), workshops, remedial sessions, and industry collaborations were proposed.
- **Resolution:** Plan of Action approved with emphasis on strengthening industry–institute interaction.

#### **4. Analysis of Post-Academic Session Review of Even-Semester Course Handouts**

- **Discussion:** Post-academic review of odd semester course handouts was verified. CO-PO attainment levels were analyzed and gaps were identified in few courses.

Corrective measures such as remedial sessions, revised assessments and interactive methods were discussed.

- **Resolution:** Faculty advised to update course handouts with CO-PO attainment.

#### 5. Analysis of Pre-Academic Session Review of Odd-Semester Course Handouts

- **Discussion:** Draft course handouts were examined and minor suggestions provided for improvement.
- **Resolution:** Approved after incorporating the suggested corrections.

#### 6. Allocation of Mentors

- **Discussion:** Mentor allocation for the academic year was finalized.
- **Resolution:** Each faculty member will mentor approximately 20 students. Mentor list approved.

#### 7. Analysis of Previous Semester Results

- **Discussion:** Reviewed overall pass percentages: III Sem - 69%, V Sem - 64%, VII Sem - 73.5% & VIII Sem - 92%.
- Identified low-performing theory courses:
  - III Sem - *Complex Analysis & Vector Calculus* 68.9%, *Electronic Circuit Analysis* 74%, *Signals & Systems* 76%.
  - V Sem - *Control Systems* 63.8%, *Digital Communications* 67.4%, and *Business Economics & Financial Analysis* 77%
  - VII Sem - *Microwave Engineering* 84.6%, *Computer Networks* 83%, *Artificial Intelligence* 82.2%
- **Resolution:** Conduct special remedial sessions and focused tutorials for *Complex Analysis & Vector Calculus, Electronic Circuit Analysis, Signals & Systems* (III Sem), *Control Systems, Digital Communications* (V Sem). Provide additional problem-solving in mathematics-intensive topics to raise theory performance.

  
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# **TKR COLLEGE OF ENGINEERING AND TECHNOLOGY**

## **DEPARTMENT OF ECE**

### **Action Taken Report (ATR) on IQAC Meeting held on 03/07/2024**

#### **Action Taken Report (ATR):**

- Previous meeting minutes of 2023-24 reviewed; action points verified and documented.
- Academic calendar for 2024-25 finalized and circulated.
- Plan of action 2024-25 initiated - FDPs, workshops, remedial sessions, and student development activities scheduled.
- Post-academic review of odd semester course hangouts was completed; attainment analyzed, gaps identified, and corrective measures planned.
- Course handouts revised after pre-audit; CO-PO mapping improved.
- Mentors allocated - each faculty assigned 20 students; list circulated.
- Previous semester results analyzed and necessary measures are adopted for student performance improvement.

  
**IQAC Coordinator**

  
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# **TKR COLLEGE OF ENGINEERING AND TECHNOLOGY**

## **DEPARTMENT OF ECE**

**ECE/IQAC/02/2024-25**

**Date: 04/09/2024**

### **CIRCULAR**

The second Quarterly Internal Quality Assurance Cell (IQAC) meeting for the academic year 2024-25 is scheduled on 06/09/2024 at 3:30 PM in S-210. All the faculty members are informed to attend the meeting to discuss the following agenda points.

#### **Agenda Points:**

1. Review of first minutes of meeting for the academic year 2024-25.
2. Verification of plan of action.
3. Prepare the required data for Submission of AQAR 2023-24 as per NAAC guidelines in scheduled time
4. Collection & Analysis of feedback for improvements
5. Conduction of Remedial classes for weak students in mid examinations.
6. Analysis of Middle-Academic Session Review of course handouts of odd semester.

  
**IQAC Coordinator**

  
**HOD, ECE**  
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# TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

## DEPARTMENT OF ECE

### Minutes of Meeting:

**Date & Time:** 06/09/2024 & 3:30 PM

**Venue:** Room No. S-210

**Meeting No.:** 02

**Chairperson:** HoD, ECE

**Coordinator:** IQAC Coordinator

**Members Present:** Faculty members

### Agenda & Resolutions:

#### 1. Review of First Minutes of Meeting (AY 2024-25 )

- **Discussion:** The minutes of the first IQAC meeting for AY 2024-25 were reviewed and discussed in detail.
- **Resolution:** Approved without modifications; action items from the previous meeting noted as satisfactorily implemented.

#### 2. Verification of Plan of Action

- **Discussion:** Progress of scheduled events and departmental initiatives was examined.
- **Resolution:** Approved with emphasis on timely execution and regular monitoring of pending activities.

#### 3. Preparation of Data for Submission of AQAR 2023-24 (NAAC Guidelines)

- **Discussion:** Data requirements for AQAR 2023-24 were outlined. Faculty members were requested to submit any pending details (seminars, FDPs, publications, student activities) promptly.
- **Resolution:** Approved. IQAC Coordinator assigned to compile and submit the report within the stipulated timeline.

#### 4. Collection & Analysis of Feedback for Improvements

- **Discussion:** Student feedback on teaching-learning processes and curriculum delivery was presented and analyzed.
- **Recommendations to Faculty:**
  - Incorporate interactive teaching methods.
  - Provide supplementary learning resources.
  - Offer prompt feedback on assessments.
- **Resolution:** Faculty members are advised to incorporate feedback into teaching-learning process and submit individual action-taken reports.

#### 5. Conduction of Remedial Classes for Weak Students in Mid Examinations

- **Discussion:** Need for remedial classes for students scoring below 40% in mid-term exams were discussed.
- **Resolution:** Faculty instructed to schedule and conduct remedial sessions, maintain attendance, and record performance improvements.

#### 6. Analysis of Middle-Academic Session Review of Course Handouts (Odd Semester)

- **Discussion:** Course handouts were reviewed for alignment with syllabus, course outcomes, and CO-PO mapping. Minor revisions were suggested for clarity and student guidance.
- **Resolution:** Approved with directions to implement the suggested modifications.

  
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# **TKR COLLEGE OF ENGINEERING AND TECHNOLOGY**

## **DEPARTMENT OF ECE**

### **Action Taken Report (ATR) on IQAC Meeting held on 06/09/2024**

#### **Action Taken Report (ATR):**

- Previous meeting minutes were reviewed and confirmed.
- Progress on all action items from the last meeting was discussed and found satisfactory.
- Scheduled events and activities under the Plan of Action are ongoing as per timelines.
- All required data and supporting documents were gathered from all faculty members for AQAR 2022-23 has been collected and compiled criteria-wise as per NAAC guidelines.
- Feedback from students regarding teaching-learning processes and curriculum delivery was collected and analyzed.
- Faculties were advised to adopt interactive teaching methods, share supplementary resources, and provide timely assessment feedback.
- Remedial classes have been planned for students scoring below 40% in mid-term exams to improve student performance.
- Course handouts were reviewed for alignment with syllabus and course outcomes; minor revisions were suggested to improve clarity.

  
**IQAC Coordinator**

  
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# **TKR COLLEGE OF ENGINEERING AND TECHNOLOGY**

## **DEPARTMENT OF ECE**

**ECE/IQAC/03/2024-25**

**Date: 02/12/2024**

### **CIRCULAR**

The third Quarterly Internal Quality Assurance Cell (IQAC) meeting for the academic year 2024-25 is scheduled on 04/12/2024 at 3:00 PM in S-210. All the faculty members are informed to attend the meeting to discuss the following agenda points.

#### **Agenda Points:**

1. Review of second minutes of meeting for the academic year 2024-25.
2. Verification of plan of action.
3. Analysis of Post-Academic Session Review of course handouts of odd semester.
4. Analysis of Pre-Academic Session Review of course handouts of even semester.
5. Analysis of previous semester results

  
**IQAC Coordinator**

  
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# TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

## DEPARTMENT OF ECE

### Minutes of Meeting:

**Date & Time:** 04/12/2024 & 3:00 PM

**Venue:** Room No. S-210

**Meeting No.:** 03

**Chairperson:** HoD, ECE

**Coordinator:** IQAC Coordinator

**Members Present:** Faculty members

### Agenda & Resolutions:

#### 1. Review of Second Minutes of Meeting (AY 2024-25 )

- **Discussion:** The minutes of the second IQAC meeting were presented and examined.
- **Resolution:** Approved without modifications; all resolutions and action items from the previous meeting were satisfactorily implemented.

#### 2. Verification of Plan of Action

- **Discussion:** Progress on planned curriculum initiatives, student mentoring, FDPs, remedial classes, and industry collaborations was reviewed.
- **Resolution:** Plan of Action verified and approved with emphasis on strengthening research activities and maintaining documentation for NAAC/NBA compliance.

#### 3. Analysis of Post-Academic Session Review of Course Handouts (Odd Semester)

- **Discussion:** Post-academic review of odd-semester course handouts was conducted. CO-PO attainment levels were analyzed, and gaps in certain courses were identified.
- **Resolution:** Faculty advised to implement corrective measures (remedial sessions, revised assessments, interactive methods) and update CO-PO mappings accordingly.

4. **Analysis of Pre-Academic Session Review of Course Handouts (Even Semester)**

- **Discussion:** Draft course handouts for the upcoming even semester were presented. Minor corrections and the inclusion of ICT-based learning methods were suggested.
- **Resolution:** Approved after incorporating the recommended changes to ensure proper syllabus coverage and evaluation schemes.

5. **Analysis of Previous Semester Results**

- **Discussion:** Reviewed overall pass percentages: II Sem – 43.2%, IV Sem – 51.3% (lowest), VI Sem – 64.9%
- Identified low-performing theory courses:
  - I Sem - *Mathematical Transforms* – 72%
  - IV Sem - *Electromagnetic Theory & Transmission Lines* – 59.9%
  - VI Sem - *VLSI Design* - 76%, *Digital Signal Processing* - 78%, *Antennas & Wave Propagation* - 78.4%.
- **Resolution:** Conduct targeted remedial sessions and focused tutorials for *Mathematical Transforms, Electromagnetic Theory & Transmission Lines, VLSI Design, Digital Signal Processing, Antennas & Wave Propagation*. Offer intensive problem-solving and bridge classes to strengthen mathematical and core-electronics fundamentals from first year onward.

  
IQAC Coordinator

  
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# **TKR COLLEGE OF ENGINEERING AND TECHNOLOGY**

## **DEPARTMENT OF ECE**

### **Action Taken Report (ATR) on IQAC Meeting held on 04/12/2024**

#### **Action Taken Report (ATR):**

- The second minutes of meeting for AY 2024-25 were reviewed and confirmed.
- Plan of Action was verified; activities are in progress and pending items are under follow-up.
- Post-academic review of odd semester course handouts was completed; attainment analyzed, gaps identified, and corrective measures planned.
- Pre-academic review of even semester course handouts was conducted; faculty incorporated suggestions for alignment with syllabus and course outcomes.
- Previous semester results analyzed and necessary measures are adopted for student performance improvement.

  
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# **TKR COLLEGE OF ENGINEERING AND TECHNOLOGY**

## **DEPARTMENT OF ECE**

**ECE/IQAC/04/2024-25**

**Date: 05/02/2025**

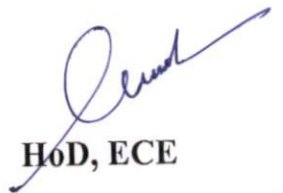
### **CIRCULAR**

The last Quarterly Internal Quality Assurance Cell (IQAC) meeting for the academic year 2024-25 is scheduled on 07/02/2025 at 3:00 PM in S-210. All the faculty members are informed to attend the meeting to discuss the following agenda points.

#### **Agenda Points:**

1. Review of third minutes of meeting for the academic year 2024-225
2. Verification of plan of action.
3. Collection & Analysis of feedback for improvements
4. Conduction of Remedial classes for weak students in mid examinations.
5. Analysis of Middle-Academic Session Review of course handouts of odd semester.

  
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# **TKR COLLEGE OF ENGINEERING AND TECHNOLOGY**

## **DEPARTMENT OF ECE**

### **Minutes of Meeting:**

**Date & Time:** 07/02/2025 & 3:00 PM

**Venue:** Room No. S-210

**Meeting No.:** 04

**Chairperson:** HoD, ECE

**Coordinator:** IQAC Coordinator

**Members Present:** Faculty members

### **Agenda & Resolutions:**

#### **1. Review of Third Minutes of Meeting (AY 2024-25)**

- **Discussion:** The minutes of the third IQAC meeting were presented and examined.
- **Resolution:** Approved without modifications; progress on all previous action items was found satisfactory.

#### **2. Verification of Plan of Action**

- **Discussion:** The department's Plan of Action was reviewed, focusing on curriculum initiatives, research activities, FDPs, student mentoring, and remedial classes.
- **Resolution:** Approved with a directive to ensure timely documentation and follow-up on pending activities.

#### **3. Collection & Analysis of Feedback for Improvements**

- **Discussion:** Feedback from students, alumni, employers, and faculty was collected and analyzed. Key improvement areas identified included enhanced use of ICT tools, greater industry exposure, and curriculum enrichment.

- **Resolution:** Faculty members advised to integrate feedback into teaching-learning practices and document actions taken for NAAC/NBA compliance.

4. **Conduction of Remedial Classes for Weak Students in Mid Examinations**

- **Discussion:** The need for remedial classes for students scoring below 40% in the mid-I exams was discussed. Timetables and faculty responsibilities were outlined.
- **Resolution:** Faculty instructed to conduct remedial sessions and maintain attendance and performance records for monitoring progress.

5. **Analysis of Middle-Academic Session Review of Course Handouts (Odd Semester)**

- **Discussion:** Course handouts were reviewed for alignment with syllabus and course outcomes. Minor revisions were recommended for clarity and improved student guidance.
- **Resolution:** Approved with instructions to faculty to implement suggested measures and update CO-PO mappings.

  
**IQAC Coordinator**

  
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# **TKR COLLEGE OF ENGINEERING AND TECHNOLOGY**

## **DEPARTMENT OF ECE**

### **Action Taken Report (ATR) on IQAC Meeting held on 07/02/2025**

#### **Action Taken Report (ATR):**

- Previous meeting minutes were reviewed and confirmed.
- Progress on all action items from the last meeting was discussed and found satisfactory.
- Scheduled events and activities under the Plan of Action are ongoing as per timelines.
- Feedback from students regarding teaching-learning processes and curriculum delivery was collected and analyzed.
- Faculties were advised to adopt interactive teaching methods, share supplementary resources, and provide timely assessment feedback.
- Remedial classes have been planned for students scoring below 40% in mid-term exams to improve student performance.
- Course handouts were reviewed for alignment with syllabus and course outcomes; minor revisions were suggested to improve clarity.

  
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