

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF CIVIL ENGINEERING

CE/IQAC/01/2024-25

Date: 02/07/2024

CIRCULAR

The first Quarterly Internal Quality Assurance Cell (IQAC) meeting for the academic year 2024-25 is scheduled on 04/07/2024 at 2:30 PM in CIV-201. 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


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TKR COLLEGE OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF CIVIL ENGINEERING

Minutes of Meeting

Date & Time: 04/07/2024 & 2:30 PM

Venue: Room No. CIV-201

Meeting No.: 01

Chairperson: HoD, CE

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 Hand-outs

- **Discussion:** Post-academic review of odd semester course hand-outs 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 hand-outs with CO-PO attainment.




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5. Analysis of Pre-Academic Session Review of Odd-Semester Course Hand-outs

- **Discussion:** Draft course hand-outs 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. – 71.22%, V Sem. – 80.65%, VII Sem. – 83.3%
- Identified low-performing theory courses:
 - III Sem. – *Strength of Materials-1* – 79.1%, *Fluid Mechanics*– 76.7%, *Probability & Statistics*– 75%
 - V Sem. – *Design of Reinforced Concrete structures* – 38.7%, *Soil Mechanics* – 48.4 %, *Transportation Engineering*, – 64.5%,
 - VII Sem. – *Foundation Engineering*– 43.3%, *Database Management System*– 70%, *Estimating & Costing*– 83.3%,

Resolution: Conduct special remedial sessions and focused tutorials for *Strength of Materials-1*, *Fluid Mechanics*, *Probability & Statistics* (III Sem.), *Design of Reinforced Concrete structures*, *Soil Mechanics*, *Transportation Engineering*, (V Sem.). *Foundation Engineering*, *Database Management System*, *Estimating & Costing*, (VII Sem.). Provide additional problem-solving in mathematics-intensive topics to raise theory performance.



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Action Taken Report (ATR) on IQAC Meeting held on 04/07/2024

Action Taken Report (ATR):

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


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CE/IQAC/02/2024-25

Date: 02/09/2024

CIRCULAR

The second Quarterly Internal Quality Assurance Cell (IQAC) meeting for the academic year 2024-25 is scheduled on 04/09/2024 at 3:15 PM in CIV-201. 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.



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DEPARTMENT OF CIVIL ENGINEERING

Minutes of Meeting

Date & Time: 04/09/2024 & 3:15PM

Venue: Room CIV-201

Meeting No.: 02

Chairperson: HoD, CE

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.




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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 Hand-outs (Odd Semester)

- **Discussion:** Course hand-outs 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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Action Taken Report (ATR) on IQAC Meeting held on 04/09/2024

Action Taken Report (ATR):

1. Previous meeting minutes were reviewed and confirmed.
2. Progress on all action items from the last meeting was discussed and found satisfactory.
3. Scheduled events and activities under the Plan of Action are on-going as per timelines.
4. 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.
5. Feedback from students regarding teaching-learning processes and curriculum delivery was collected and analyzed.
6. Faculties were advised to adopt interactive teaching methods, share supplementary resources, and provide timely assessment feedback.
7. Remedial classes have been planned for students scoring below 40% in mid-term exams to improve student performance.
8. Course hand-outs were reviewed for alignment with syllabus and course outcomes; minor revisions were suggested to improve clarity.


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CE/IQAC/03/2024-25

Date: 03/12/2024

CIRCULAR

The third Quarterly Internal Quality Assurance Cell (IQAC) meeting for the academic year 2024-25 is scheduled on 05/12/2024 at 3:00 PM in CIV-201. 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


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Minutes of Meeting

Date & Time: 05/12/2024 & 3:00 PM

Venue: Room No. CIV-201

Meeting No.: 03

Chairperson: HoD, CE

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 Hand-outs (Odd Semester)

- **Discussion:** Post-academic review of odd-semester course hand-outs 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.




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4. Analysis of Pre-Academic Session Review of Course Hand-outs (Even Semester)

- **Discussion:** Draft course hand-outs 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: IV Sem. – 76.96 %, VI Sem. – 87.1%, VII Sem. – 96.8%,
- Identified low-performing theory courses:
 - IV Sem. - *Strength of Material – ii* 64.3%, *Hydraulics & Hydraulic Machinery* 75%, *Concrete Technology* 75%.
 - VI Sem. - *Remote Sensing & GIS* 57.6%, *Water Resource Engineering – I* 72.7%, and *Business Economics & Financial Analysis* 72.7%
 - VII Sem. *Pre Stressed Concrete Structure* 91.5%, *Renewable Energy Sources* 93.7%

Resolution: Conduct targeted remedial sessions and focused tutorials for *Strength of Material – ii*, *Hydraulics & Hydraulic Machinery*, *Concrete Technology*.(IV Sem.). *Remote Sensing & GIS*, *Water Resource Engineering – I*, and *Business Economics & Financial Analysis* (VI Sem.). *Pre Stressed Concrete Structure*, *Renewable Energy Sources* (VII Sem.) Offer intensive problem-solving and bridge classes to strengthen mathematical and core-electronics fundamentals from first year onward.


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Action Taken Report (ATR) on IQAC Meeting held on 05/12/2024

Action Taken Report (ATR):

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



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CE/IQAC/04/2024-25

Date: 03/02/2025

CIRCULAR

The last Quarterly Internal Quality Assurance Cell (IQAC) meeting for the academic year 2024-25 is scheduled on 06/02/2025 at 3:00 PM in CIV-201. 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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Minutes of Meeting

Date & Time: 06/02/2025 & 3:00 PM

Venue: Room No. CIV-201

Meeting No.: 04

Chairperson: HoD, CE

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.




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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 Hand-outs (Odd Semester)

- **Discussion:** Course hand-outs 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.



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Action Taken Report (ATR) on IQAC Meeting held on 06/02/2025

Action Taken Report (ATR):

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



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