



**K. K. WAGH INSTITUTE OF ENGINEERING  
EDUCATION & RESEARCH, NASHIK.**  
HIRABAI HARIDAS VIDYANAGARI, AMRUTDHAM,  
PANCHAVATI, NNASHIK-422003  
**INTERNAL QUALITY ASSURANCE CELL (IQAC)**

**Minutes of IQAC Meeting**

Meeting: Date: 20/02/2021

Time: 3:00 to 4:00 pm

Venue: IQAC Hall

Following members were present for the meeting.

Prof. Dr. K. N. Nandurkar	Prof. Dr. V. S. Patil
Prof. Dr. S. S. Sane	Prof. Ms. S. R. Deshmukh
Prof. Dr. P. D. Bhamre	Prof. Mrs. P. G. Fegade
Prof. Mrs. T. N. Date	Mr. Rohit Kulkarni
Prof. M. B. Murugkar	Mr. Nilesh Salgaonkar
Prof. Dr. P. J. Pawar	Mr. Avinash S. Kale
Prof. N. M. Shahane	

**Agenda of Meeting:**

1. Welcome to all members by IQAC Coordinator Prof. T.N.Date
2. Confirmation of Minutes of previous IQAC Meeting.
3. Review of IQAC activities of Semester I by IQAC Coordinator Prof. T.N.Date.
4. Quality Objectives and activities planned by Dean Quality Dr. P.D.Bhamre.
5. Open Discussion by all members.
6. Any other point with the permission of Chair.
7. Vote of Thanks

**Minutes of Meeting :**

1. IQAC coordinator Prof. T.N. Date welcomed all members of IQAC present for the meeting.
2. The previous minutes of meeting were confirmed by all members.
3. Review of IQAC activities of Semester I was presented by IQAC Coordinator Prof. T.N.Date as below.
  - Conduction of ATAL FDP on Design Thinking in Online mode during 21-25 Sept 2020 with 117 participants .
  - Preparation and Uploading of Annual Quality Assurance Report (AQAR) for 2019-20 in Dec 2020.
  - Academic and Administrative Audit of all Engineering departments (11) for Sem II 2019-20 and Sem I 2020-21.
  - Student feedback and analysis
  - Student Satisfaction Survey 2019-20 (757/1072)She also briefed about the IQAC activities conducted in sem II as below.



**K. K. WAGH INSTITUTE OF ENGINEERING  
EDUCATION & RESEARCH, NASHIK.**  
HIRABAI HARIDAS VIDYANAGARI, AMRUTDHAM,  
PANCHAVATI, NASHIK-422003  
**INTERNAL QUALITY ASSURANCE CELL (IQAC)**

- Teachers' meetings: Subject teacher meetings conducted for feedback and suggestions on quality objectives. Two meetings for Engg. Mechanics and Basic Electrical Engg. Subject teachers of FE (23 teachers) and Four meetings for all department subjects of SE Sem II (43 teachers).
- MKCL LearniCo training: 20 Demo sessions for FE, SE, TE students and 2 sessions for Teachers.
- Workshop on Project Quality and Management: Prof. Dr. A. L. Varne coordinated the workshop to prepare the action plan for timely completion of projects for next academic year.
- Quality objectives finalization for improving teaching learning process.

Prof Date requested Dean Quality, Dr P.D.Bhamre to give details of Quality Objectives and the related activities planned.

4. Dean Quality, Dr P.D.Bhamre presented the Quality Objectives as given below..

**Quality Objective 1) - To improve all clear result of first year Engineering by 10% by avoiding single subject failure of students having 35% to 50% CET score, in the academic year 2020-21.**

NBA Criteria Addressed: Success Index (with/without backlogs)

NAAC Criteria Addressed: Average pass percentage of Students during last five years

**Action Plan:**

- i) Sharing of high quality videos of the subject content with the students from the first lecture of the subject. Videos of all subjects which a student needs to watch, should be shared on every Saturday (needed for the teaching of the following week).
- ii) Ensuring that the students watch these videos by identified Q points in these videos and by asking related questions through LearniCo in the immediate lecture.
- iii) Preparation of Unit wise Question Bank and sharing of model answer papers (of last three exams) with students in the first week of teaching.
- iv) Identifying weak learners based on CET scores/performance captured through LearniCo.
- v) Rigorous weekly assessment of assignments of identified weak learners and other desirous students (optional) in a tutorial session for two critical subjects – Engg. Mechanics & Basics of Electrical Engg. Ideal solutions of assignments to be discussed in class after conduction of tutorial.
- vi) Building a Learning Buddy Ecosystem in which a weak learner should be paired with a learner from the same class but with better performance. Top performing students of a subject can be identified through LearniCo in first two weeks. The names of such students should be shared with all other students for a dialogue with top performing students in case of difficulties. Such bonding is intended and desired since the students learn better in a more comfortable space with their buddies and it will thereby lead to better understanding of the subject.



# K. K. WAGH INSTITUTE OF ENGINEERING EDUCATION & RESEARCH, NASHIK.

HIRABAI HARIDAS VIDYANAGARI, AMRUTDHAM,

PANCHAYATI, NASHIK-422003

INTERNAL QUALITY ASSURANCE CELL (IQAC)

**Quality Objective 2) - To improve all clear result of second year Engineering by 10% by improving the results of all five subjects of second year by at least 5% in the sem-II of academic year 2020-21 and sem-I of academic year 2021-22.**

NBA Criteria Addressed: Success Index (with/without backlogs)

NAAC Criteria Addressed: Average pass percentage of Students during last five years

### **Action Plan:**

- i) Sharing of high quality videos of the subject content with the students from the first lecture of the subject. Videos of all subjects which a student needs to watch, should be shared on every Saturday (needed for the teaching of the following week).
- ii) Ensuring that the students watch these videos by identify Q points in these videos and by asking related questions (may be through LearnCo) in the immediate lecture.
- iii) Preparation of Unit wise Question Bank and Sharing of model answer papers (of last three exams) with students in the first week of teaching.
- iv) Identifying weak learners based on earlier semester performance/performance captured through LearnCo/from an initial test conducted in first two weeks of teaching.
- v) Rigorous weekly assessment of assignments of identified weak learners and other desirous students (optional) for two critical subjects.
- vi) Building a Learning Buddy Ecosystem in which a weak learner should be paired with a learner from the same class but with better performance. Top performing students of a subject can be identified through LearnCo. The names of such students should be shared with all other students for a dialogue with top performing students in case of difficulties. Such bonding is intended and desired since the students learn better in a more comfortable space with their buddies and it will thereby lead to better understanding of the subject.

**Quality Objective 3) - To improve the quality of teacher-student interactions in the Sem-II of academic year 2020-21 and Sem-I of academic year 2021-22**

- i) During practicals, by ensuring atleast 25% students complete the suggested variation in the 50% practical assignments.
- ii) During lectures, by ensuring rise in student performance (through LearnCo) every two weeks.
- iii) During project meetings by ensuring timely completion of all phases of project life cycle.

### **Action Plan:**

#### **A) Interactions during practical –**

- i) Departmental workshops to stimulate discussions about ideas for effective practical conduction.
- ii) Teachers should prepare short and quality video content for explaining the practical assignments. Best teachers of the practical subjects should be involved in the preparation of this video content. These videos should be shared with students before the conduction of practicals/experiments.
- ii) Teacher should propose a variation in the completed practical and ask the students to obtain a solution or study the effect of variation in the remaining time of the practical or till the next practical session. Teacher should keep a track of the students who complete the suggested variation.

#### **B) Interactions during lectures –**

- i) Use of tools like LearnCo for enhancing interactions during lectures.
- ii) Training for subject teachers who will incorporate use of ICT tools like LearnCo in their teaching.



**K. K. WAGH INSTITUTE OF ENGINEERING  
EDUCATION & RESEARCH, NASHIK.**  
HIRABAI HARIDAS VIDYANAGARI, AMRUTDHAM,  
PANCHAVATI, NASHIK-422003  
**INTERNAL QUALITY ASSURANCE CELL (IQAC)**

**C) Interactions during project meetings –**

- i) Teachers should undertake an online course on Project Management available on Udemey/Coursera platform for better understanding of the project life cycle.
- ii) Teachers should ensure timely completion of all projects under their guidance.

**Quality Objective 4) - To improve the quality of experiential learning in the sem-II of academic year 2020-21 and sem-I of academic year 2021-22 by ensuring that atleast 25% students of the class solve the challenging assignments/Variation in experimentations /problem based /issue based laboratory assignments.**

NBA Criteria Addressed: Students qualifying Competitive exams

NAAC Criteria Addressed: Average percentage of courses that include experiential learning

**Action Plan :**

- i) Teachers should identify Models/Simulation platforms made available on MIT Boston Open Courseware initiative and other online resources. These should be shared with students to improve experiential learning.
- ii) Departments should identify one practical/one subject of third year in which one challenging problem/assignment/GATE Questions can be shared with students every fortnight. This assignment can be a group/ individual assignment. All third year students should be encouraged for solving it.  
Teachers/students of third year can be involved in assessing the solutions of these challenging problems and to keep a track of performance of these students.
- iii) Implementation of mini projects at second year and third year of Engineering.

5. During the open discussion by all members ,Mr. Rohit Kulkarni appreciated the quality objectives as they are **Specific, Measurable , Attainable ,Realistic and Time framed(SMART)** and with well-defined action plan for every teacher. Mr. Nilesh Salgaonkar suggested that the mission can be to make higher education meaningful and enjoyable.

They insisted on giving industry exposure for hands on learning experience where students' learning can be need based and experiential. They agreed to help in finding industries for students' projects and internships in Computer / IT and Mechanical engineering. Some flexibility for class attendance can be given for accommodating such industry exposures for interested students by giving daily assignments based on topic covered during missed classes

6. Mr. Avinash Kale appreciated the mentor mentee scheme for tracking progress of students. It was discussed that such mentoring can be effective for student progress with acceptance from mentor and mentee both.

7. Prof. Dr. P. D. Bhamre thanked Principal Dr. Nandurkar and all members for attending the meeting and giving valuable suggestions for progress of institute through IQAC activities.

*T. N. Date*

Prof. T. N. Date  
IQAC Coordinator

*K. N. Nandurkar*

Dr. K. N. Nandurkar  
Principal, KKWIEER