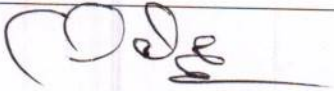# MIT | Academy of Engineering
(An Autonomous Institute)
Alandi (D), Pune - 412 105

IQAC Committee

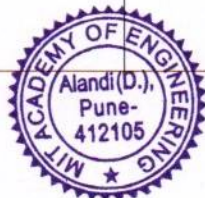**ACADEMIC YEAR : 2024-2025**

Sr. No.	Name	Designation
01	Prof.(Dr.) Mahesh D. Goudar	Chairman IQAC
02	Prof.(Dr.) Shitalkumar. A. Jain	Administration Officers
03	Prof.(Dr.) Sunita S. Barve	
04	Prof. Sunilkumar.M.Bhagat	
05	Prof. Avinash Bhalerao	Teachers Representative
06	Prof.(Dr.) Abhijeet Malge	
07	Dr. Vaishali Wangikar	
08	Mrs. Ranjana Badre	
09	Dr. Shayam Shukla	
10	Prof. (Dr.) Rajeswari Goudar	
11	Dr. Sandeep Shewale	
12	Prof.(Dr.) Dipti Sakhare	
13	Prof.(Dr.) Prafulla Hatte	
14	Mr. Shridhar Khandekar	
15	Mrs. Vandana Khandelwal	Staff Representatives
16	Prof.(Dr.) Balasaheb. Waphare	Local Society Representatives
17	Prof.(Dr.) Anant Chakradeo	Management Representatives
18	Ms. Srushti Jadhav	Student Representatives
19	Mr. Vivek Chavan	Student Representatives
20	Mr. Anil Bhat	Alumni Representatives
21	Mr. Pravin Pawar	Industry Representatives
22	Mr. Girish Bora	
23	Dr. Suyogkumar Taralkar	IQAC - Coordinator, Dean QA

Dr. Suyogkumar Taralkar
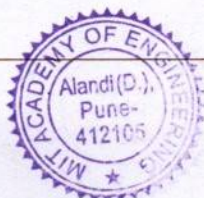**IQAC – Coordinator, Dean QA**

Dr. Mahesh D Goudar
IQAC - Chairman

MIT Academy of Engineering (An Autonomous Institute)	**Agenda of the Meeting**		
Alandi (D), Pune - 412 105	ACADEMIC YEAR	:	**2024-2025**
INTERNAL QUALITY ASSURANCE CELL	DATE	:	**13th November 2024**
	MEETING NO.	:	**IQAC/2024-25/01**

IQAC meeting 1 for the academic year 2024-25 is scheduled on Wednesday, 13th November 2024 at 10.00 am in blended mode.

The agenda for the same is as follows:

1. To confirm the previous minutes of meetings (IQAC/2023-24/04) and review on action taken report
2. To discuss the value-added courses planned and status of same for the term I of the academic year 2024-25
3. To discuss the NBA mock audit report, analysis, and action planned
4. To discuss the status of NBA compliance report preparation and submission for 4 UG programs (Chemical, Computer, E&TC, and Mechanical)
5. To discuss the outcomes of academic audits conducted by each school during Term II of 2023-24.
6. To discuss a strategic plan for quarter I: 2024-25
    a. Teaching-leaning Process
    b. Research and Consultancy
    c. Student Support & Success
    d. Enhanced Student Experience
    e. Enhanced Alumni Engagements
    f. People & welfare
    g. Social Media Connect
    h. Entrepreneurship and Innovative Ecosystem
    i. Campus & Services
    j. Sustainability
8. Any other point with the permission of the chair

IQAC Coordinator	IQAC Chairman
Dr. Suyogkumar V. Taralkar IQAC – Coordinator, Dean QA	Dr. Mahesh D. Goudar IQAC – Chairman; Director

MIT | Academy of Engineering (An Autonomous Institute Affiliated to Savitribai Phule Pune University)	**MINUTES OF THE MEETING**		
Alandi (D), Pune - 412 105	**ACADEMIC YEAR**	:	**2024-2025**
INTERNAL QUALITY ASSURANCE CELL	**DATE**	:	**13th Nov. 2024**
	MEETING NO.	:	**IQAC/2024-25/01**

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The agenda for the same was as follows:

1. To confirm the previous minutes of meetings (IQAC/2023-24/04) and review on action taken report

2. To discuss the value-added courses planned and status of the same for the Term-I of the AY 2024-2025.

3. To discuss the NBA mock audit report, analysis and action planned

4. To discuss the status of NBA compliance report preparation and submission for 4 UG programs (Chemical, Computer, E&TC and Mechanical)

5. To discuss the outcome of academic audits conducted by each school during term-II of AY 2023-2024.

6. To discuss the strategic plan for quarter – I of AY 2024-2025:

      a. Teaching-leaning Process

      b. Research and Consultancy

      c. Student Support & Success

      d. Enhanced Student Experience

      e. Enhanced Alumni Engagements

      f. People & welfare

      g. Social Media Connect

      h. Entrepreneurship and Innovative Ecosystem

      i. Campus & Services

      j. Sustainability

7. Any other point with the permission of the chair

The first meeting of IQAC for AY 2024-2025 was held 13th November 2024, at 10.00 am in blended mode.

Dr. Mahesh Goudar, Director and Chairman-IQAC, presided over the meeting and the following members were present for the meeting,
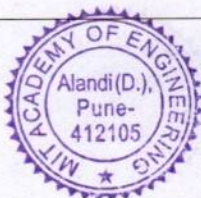
1. Dr. Mahesh Goudar
2. Prof. (Dr.) Balasaheb Waphare (Online)
3. Prof. (Dr.) Sunita S. Barve
4. Prof. Avinash Bhalerao
5. Prof. (Dr.) Abhijeet Malge
6. Dr. Shyam Shukla
7. Prof. (Dr.) Rajeswari Goudar (Online)
8. Prof. (Dr.) Dipti Sakhare
9. Prof. (Dr.) Prafulla Hatte
10. Dr. Sandeep Shewale
11. Prof. Sunilkumar. M. Bhagat
12. Mrs. Vandana Khandelwal
13. Dr. Suyogkumar Taralkar
14. Mr. Pravin Pawar (Online)

Other Invitees

15. Dr. V. V. Muthekar
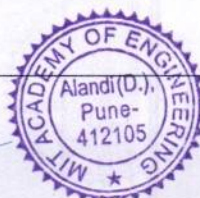16. Dr. A. D. Patil
17. Vivek Chavan
18. Shruti Ghadge

The leave of absence was granted to following members:

19. Prof. (Dr.) Anant Chakradeo
20. Prof. (Dr.) Shitalkumar A. Jain
21. Dr. Arika Kotha
22. Dr. Vaishali Wangikar
23. Mr. Shridhar Khandekar
24. Mr. Peeyush Kumar
25. Dr. Pramod Kothmire
26. Mr. Anil Bhat
27. Mr. Girish Bora

28. Ms. Srushti Jadhav

01	**To confirm the previous minutes of meetings and review on action taken report.** **Discussion and Resolution:** IQAC Coordinator, welcomed all members to the meeting and briefed about the IQAC committee. With permission of chairman, the IQAC Coordinator discussed the agenda of the meeting in his opening remarks. The previous minutes of meeting (Meeting-4, 2023-24, August 30, 2024) and review on action taken report was discussed and confirmed by all members of IQAC.
02	**To discuss the value-added courses planned and status of the same for the Term-I of the AY 2024-2025.** **Discussion and Resolution:** IQAC Coordinator presented the status of planned value-added courses in each school of engineering for AY 2024-2025, Term-I & II. All schools are requested to identify the value added courses for the students of each year. There should be minimum one value added courses per semester to be offered by schools. The details of values added course need to be updated in next IQAC meeting. **Details are given in Annexure -I** **Responsibility: All School Deans**
03	**To discuss the NBA mock audit report, analysis, and action planned** **Discussion and Resolution:** All School Deans presented the status of the NBA mock audit conducted and action taken thereon. Chairman IQAC raised concerns regarding remarks during the mock audit in each school. The major concern was regarding consultancy, and research grants/funds. He opined to increase the efforts to change the status. He also opined that Professors and Associate Professors shall mandatorily make efforts to submit research proposals to various agencies. Dean, R&D elaborated on the research status and prospects for the academic year 2024-2025. It is also suggested to conduct an NBA audit after the completion of each semester. **Details are given in Annexure -II**

	Responsibility: All School Deans
04	**To discuss the status of NBA compliance report preparation and submission for 4 UG programs (Chemical, Computer, E&TC and Mechanical)**
	Discussion and Resolution: IQAC Coordinator presented the status of preparedness of submission of NBA compliance for four (04) UG programs viz. Chemical, Computer, E&TC and Mechanical. The compliance submission is targeted for June – 2025 cycle. It is requested to be ready with NBA compliance report by 20th November 2024.
	Details are given in Annexure –III
	Responsibility: All School Deans
05	**To discuss the outcomes of academic audits conducted by each school during Term II of 2023-24.**
	Discussion and Resolution: All School Deans presented the outcomes of academic audits conducted by each school during Term II of 2023-24. It is suggested to have mandatory academic audit for each of the semester.
	Details are given in Annexure –IV
	Responsibility: All School Deans
06	**To discuss a strategic plan for quarter I: 2024-25**
	Discussion and Resolution: The IQAC coordinator presented the target strategic plan for the quarter I of AY 2024-2025. In the presentation, he compared the date achievements against the set targets.
	Prof. Waphare congratulated for achieving first-year admissions more than targeted. IQAC Chairman briefed about the satisfactory target achievements in the student placement.
	Details are given in Annexure –V
	Responsibility: All Deans, Registrar
08	**Any other point with permission of Chair.**
	Following points were discussed with the permission of the chair.
	a. IQAC coordinator informed the status of institute ranking in various categories as follows:
	• Outcome Based Education – Diamond band.
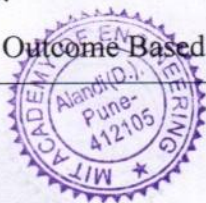
- DIISC – Gold+
- IAR – Titanium
- IIRF – All India Rank – 75 and Zonal ranking – 17.

He further informed that institute is also targeting for "Sentimental Ranking". IQAC Chairman further informed that institute is participating in all rankings and academic exhibitions as well.

b. IQAC coordinator informed that while implementing the EOMS following targets were achieved:

- Auditor's Training Program was successfully completed.
- Internal Audit for institute was also completed.
- Stage-I academic audit was completed, and Stage-II audit is under process.

c. Student representative, Ms. Shruti Ghadge raised the concerns about the readiness of laboratory and working equipment. In addition, she mentions the non-availability of proper wi-fi connection. Further she briefed about time availability for students having loads of academic activities.

IQAC Chairman took a note of the concerns raised by student representative and requested all school deans to increase the frequency of the maintenance of the laboratory. He further informed that currently available hardware for wi-fi connectivity will be upgraded in due time.
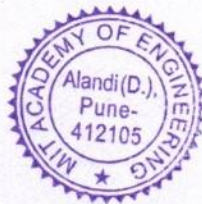
IQAC – Coordinator & Dean QA proposed the vote of thanks to all members by expressing gratitude for their active participation in the entire meeting.

IQAC – Coordinator, Dean QA	**IQAC - Chairman**

Details of Value-Added Course for AY 2024-2025

School	Value – added courses	Floated for	No. of students registered	Status of course (Completed/ongoing)	Link for Course Registration details
Chemical	No any course in this sem. it will be floated in next semester				
Civil	Smart Cities – A Sustainable Development	SY	75	Planned	
Computer	SY VAC will be planned in the month of January 2025 and TY VAC will be planned in term II				
Software Engineering	SY VAC will be planned in the month of January 2025				
E&TC	No course in 2024 Sem 1.It will be planned in Sem II				
Mechanical	No course in 2024 Sem 1.It will be planned in Sem II				
Design	No course in 2024 Sem 1.It will be planned in Sem II				
Humanities and Engineering Science	No course in 2024 Sem 1.It will be planned in Sem II				

Details of NBA mock audit report, analysis and planned action

Chemical Engineering:

Major observation/suggestions	Link for Mock audit report
Strengths: 1) Well experienced faculties in the department 2) No of faculty and students publication is improved 3) Well equipped laboratories 4) OBE implementation is good Concerns: 1) No Professor in department Weakness/Areas of improvement 1) Improve the success rate 2) Research funding and activities Less consultancy from industry and need to be improved	https://drive.google.com/file/d/1qsaPrZPIV58H_sYQFWfnkLA09c86dEo3/view?usp=sharing

Civil Engineering:

Major observation/suggestions	Link for Mock audit report
Strengths: PEo are adequate and Co's are available in each course syllabus. SFR ratio is good Good Emphasis on industrial training and project based learning Faculty retention is good Young enthusiastic and competent faculty are available CONCERNS Need improvement in academic performance limited higher studies and entrepreneurship	1. https://drive.google.com/file/d/1C7Z2Ta2TIt5QXgk5m4r8UbT7E-nACHHz/view?usp=drive_link 2. https://drive.google.com/file/d/1nBv7jIbh29kLPmPIp9VT_nCliaMafXlA/view?usp=drive_link

modern equipment are not available

WEAKNESS

Improve success rate

Focus on consultancy and research sponsored project

DEFICIENCIES

Funded research project is few

Consultancy

ANY OTHER OBSERVATIONS

Required upgradation in lab equipment's

Few classrooms/classes may be shifted to upper floors as demanded by the students as they feel like basement is not properly ventilated

Students projects need to be mapped to SDG goals

Computer Engineering

Major observation/suggestions	Link for Mock audit report
Criteria 1 1. Awareness among the stakeholders ,especially among the students to be improved. **Criteria 2** 1. Faculty feedback impact analysis is to be added 2. Project allocation & execution process with diagram is to be prepared 3. Contribution and activities carried out under MOU are to be listed 4. Students feedback for internship is to be taken. **Criteria 3** 1. Preparation of CO Design and Validation Document-Develop a comprehensive document outlining the design and validation of Course Outcomes - required. 2. Faculty Awareness on CO-PO Attainment Calculation-Ensure that all faculty members are knowledgeable about the methods for calculating CO-PO attainment. 3. Understanding Assessment Tools-Provide training and resources to raise awareness of both direct and indirect assessment tools necessary for measuring CO-PO attainment. 4. Reflection and Analysis of Previous Batches-Prepare an action plan and reflection analysis for each course based on the performance of previous batches. 5. CO-PO Mapping Correlation-Ensure that CO-PO mapping is directly correlated with the chosen assessment tools, illustrating clear connections. **Criteria 5** 1.Number of faculty publications very less 2. industry sponsored projects is poor 3. Product development count is less	https://docs.google.com/spreadsheets/d/173iFF17K5TDzxX4kFJIU-Ya37mrZv8M_/edit?usp=sharing&ouid=101365191781375208814&rtpof=true&sd=true
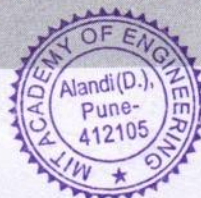
4. Consultancy is nil

Criteria 6

The research activities yearwise and any new facility created is to be included.

Criteria 7

1. Attainment Levels are too high so Gap Analysis is difficult as all the POS aee getting attained for more than 90%

E&TC Engineering

Major observation/suggestions	Link for Mock audit report
The content can be represented in pictorial form 2. PEOs need reframing in terms of action words is essential 3. Project attainment needs to be done with respect to rubrics 4. Individual project mapping to be done with Program outcomes 5. Domain and allied areas to be mentioned Criteria -02 1. Counselling of students to be done towards SIP feedback 2. Relevance of projects towards the attainment of POs/PSO 3. Under 2.2.3 attainment of POs/PSOs needs to be modified, with rubrics and supporting documents 4. Mention areas for skill labs 5. Don't consider emerging technology as an elective as it is the mandatory course by AICTE 6. Case study for change of electives should be mentioned 7. Policy document for choice based elective need to be prepared 8. For student activities consider student feedback 9. Utilization of donated E-bike to be mentioned Criteria -03	https://drive.google.com/file/d/1387wXW1r2gGTs-OSdDENG04HHjK1Th3L/view?usp=drive_link
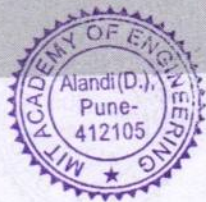
1. Course program articulation matrix (CO-PO mapping) needs to be properly defined
and justified

2. For direct PO attainment use same values of CO attainment don't use two different
methods for CO PO attainment

3. Attainment of program outcomes and program-specific outcomes of all three years is
incomplete

Criteria -04

1. Placements and higher studies data and proofs are incomplete

2. Professional activities data need improvement

3. Outcomes of each IEEE event to be in tabular form along with feedback statistics and
summary-CR4

4. Try for ISTE membership and sponsorship

5. Slow, advance learner analysis as per academic year and then batch, Identify the
common weak students, semester wise what efforts we have taken for these what is
improvement observed should be mentioned clearly

6. Average of success rate to be given in the last cycle and the current cycle

Criteria -05

SFR and faculty cadre proportion need to revisit by considering first year
faculty

Faculty competency need to complete properly with evidence

Innovations by the faculty in teaching and Learning need to be completed

Needs improvement in research grants and consultancy

Mention about research awards
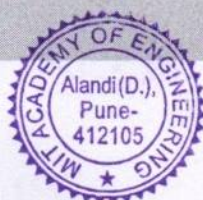
Benefit of adjunct faculty and adjunct faculty should take half or full teaching

load

Criteria -06

1. Quantitative amount for purchasing include technical facility like

2. Collection of books - donated books, PhD thesis

etc.& Emphasize on count

3. Upgraded infrastructure to be mentioned clearly

Criteria -07

o Action taken based on results of evaluation of each of the POs and PSOs not

completed

o Academic audit and action taken need to complete

o Placement number and quality needs improvement

o No improvement in higher studies

o Entrepreneurship data need to be mentioned

Mechanical Engineering

Major observation/suggestions

To work on the change in status of Weakness to Compliance and Compliance to Y
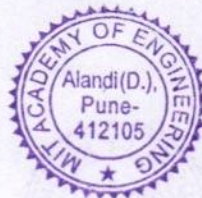
Annexure – III

Details of NBA compliance report preparation and submission

UG Program	NBA Compliance report status	Observations	Link to Compliance Report
Chemical	In process	To address all the concerns in tabular form in Section C	https://drive.google.com/file/d/19TQOBcr8lWUVK9Ry7fqRHDL4oJHs6REA/view?usp=drive_link
Computer	In process	Addressing of all C's and continuous improvement in tabular form (section C)	
E&TC		Addressing all the Cs and continuous improvement	https://drive.google.com/file/d/1UEAJI7W_G1G_nOQB6ACLd_opfi1FARrE/view?usp=sharing
Mechanical	In process	Need to prepare separate Compliance documentation for Part A and Part B	https://drive.google.com/drive/folders/1R0qExK8c0vFdqE4anSMnG2fxdpI-8g8m
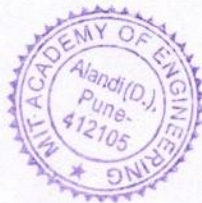
Annexure – IV

Details of outcomes of Academic Audit conducted during Term-II of AY 2023-2024

School	Date of Audit	Score /Grade	Major Observations	Action Taken	Link of audit Report
Chemical	17/1 /2024	NA	CO are to be revised for some of the SY Courses. Couse files are well maintained	COs are revised as per suggestions for SY Courses	https://drive.google.com/file/d/1ov7_rCGHhBJbD00cbu_4eLdTOfqzdBee/view?usp=sharing
Civil	21/3 /2024	NA	1. All the course having Moodle page, and the faculty are using ICT tool for actual delivery. 2. Labs are well equipped, try to add the new/advance equipment 3. The UTM machine is required for Civil	The purchase of new/advance equipments are under process.	https://drive.google.com/file/d/1p2O34lvgEBr5o4CptC3qi8yP_ySQpcWW/view?usp=drive_link

			Engineering		
Computer	18/03/2024	NA	1) upgration of PC in labs 2) Rubrics of assignments to be intimated well in advance Wifi facility is poor	1)Labs are upgraded with new machines 2) Rubrics of assignments made available in moodle 3) Intimated to to upgrade wifi Facility to concerned	
E&TC	29/01/2024	NA	CO reframing at some instances is suggested. Activity framing is checked accordingly.	Activities are reframed as per CO	https://drive.google.com/file/d/1Op3yAGphipWwE1BxE0fo2o_TbLghqX82/view?usp=sharing
Mechanical	21/08/2024	312/415	Industry Sponsored project should be increased. Mapping of CO with question of assignment should be checked	If any faculty is having more than one project then one of the project should be industry sponsored project.	https://drive.google.com/file/d/13XUNLjAXlz5wOiDGWQsYAv_UEqM7X-hi/view?usp=drive_link
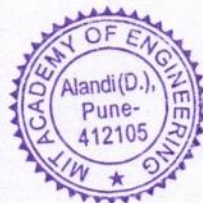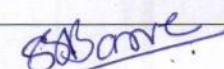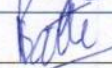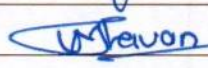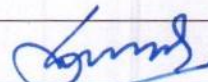
Details of strategic plan for quarter I: 2024-25

Parameters	Target (2024-25)	Achievement (Quarter-1)
Admissions Engineering Design	1317 142	1394 91
Client Feedback	7/10	In process
Process Automation	70%	In process
Research Publications (Jr+Conf)	175	39 Papers+4 Book Chapters+2 Books
IPR	50	Nil
People (No. of events)	6	2 courses on Leadership development program in Process 1 International academic exposure in Process
Placement SLIP YLIP Higher Studies	500 350 200 25	87 Yet to start 300 14
Average Salary (LPA)	6.0	7.5
Startup	30	13
Accreditation NBA NAAC	Minimum score: 70% 3.3/4.0	Average score is greater than 70% AQAR submission: 15 December 2024

MIT Academy of Engineering (An Autonomous Institute)	**ATTENDANCE**	
Alandi (D), Pune - 412 105	**ACADEMIC YEAR** :	**2024-2025**
INTERNAL QUALITY ASSURANCE CELL	**DATE**	13ᵗʰ November 2024
	MEETING NO.	**IQAC / 2024-25 / 01**

Sr. No.	Name	Signature
01	Prof.(Dr.) Mahesh D. Goudar	
02	Prof.(Dr.) Shitalkumar. A. Jain	
03	Prof.(Dr.) Sunita S. Barve	
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22	Mr. Girish Bora	
23	Dr. Suyogkumar Taralkar	

24	Mr. Piyush Kumar	
25	Dr. Pramod Kothmire	
26	Dr A. D Pahl	
27	Dr. V. V. Nanthekar	
28	Srushti Ghadge	